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Some titles are now available on DVD; however a VHS will be sent unless your request says to send the DVD.
**ART**

- **3-2-1 CLASSROOM CONTACT: ARCHITECTURE:** 5-30 min lessons, grades 2-5: This series brings the world of design and construction into your classroom. Students will see how many kinds of structures including houses, skyscrapers, circus tents, sports arenas, and even birds’ nests are built. They will see how building relies on principles of physics. Can supplement the science, social studies, geography, and art curriculums.
  1. **Raising the Big Top:** Welcome to the big top! As a circus tent is taken down, moved and then put up again, students will learn how the force of tension can be used to make a structure stand. The analogy of skin & bones is used to explain how the various parts of a building do different jobs.
  2. **Home:** Take a close look at the variety of homes that exist around the world. Students will learn how different homes are built, the materials used and the purposes that the structures serve for the people and animals who create them.
  3. **Stack it Up:** A Cathedral is an awesome structure to look at and explore. But just how is one built? Learn first-hand how forces of compression are at work in the walls, foundation and arches to support these huge buildings and how the force of tension contributes to their stability.
  4. **Made To Fit:** How well do you “fit” in your classroom? Your kitchen? Your car? How well do these things work for you? Students will learn how architects use principles of ergonomics making things fit people when they design and build buildings.
  5. **Light, But Strong:** How do you get the most building out of the least amount of building materials? One way is to choose materials that are light but strong. The shape of the materials is important too. Students will see that I-beams and triangle-shaped braces are just two of the tricks architects use.

- **AMERICAN ART FROM THE NATIONAL GALLERY OF ART:** 30 min, grades 3-12: From Gilbert Stuart to Mary Cassatt to Jackson Pollock, this program provides a compendium of over 2,600 works by American artists. The pieces included span three centuries and represent virtually all of the National Gallery’s collections of American paintings and sculpture. Over 1,000 works of art on paper include: drawings, watercolors, prints, and renderings from the Index of American Design.

- **THE ART CORNER:** 16-15 min lessons, grade K. Introduces Kindergarteners to possibilities available to them in art. Also develops psychomotor skills. Art work by Kindergarteners is shown.
  1. **Trains**
  2. **A Painting Shirt**
  3. **Yipes! Stripes!**
  4. **Wow! A Print!**
  5. **Crayon Magic!**
  6. **Paper People!**
  7. **A Paper House!**
  8. **Prints! Prints! Prints!**
  9. **Melted Crayon!**
  10. **Paper Train!**
  11. **Wet Chalk!**
  12. **A Mask!**
  13. **Textures in the Clay!**
  14. **A Number Book!**
15. A Zoo!
16. A Fat Fish

- **ART LESSONS FOR CHILDREN SERIES:** 6-50 min lessons, grades 2-6. Art teacher Donna Hugh guides viewers through easy to follow art lessons using inexpensive material.
  1. Animals of the Rainforest
  2. Easy Art Projects
  3. Easy Watercolor Techniques
  4. Felt Pen Fun
  5. More Fun With Watercolors
  6. Plants of the Rainforest

- **ART MAKER:** 32-15 min lessons Grades K-5. Art Maker is a fun, creative series in arts & crafts for children. Dan Mihuta, “The Art Maker”, draws on the student’s imagination & skill, making each student an Art Maker. This series develops skills in free brush, crayon drawing, the use of chalk & charcoal, paper cutting & folding, printing, design, & texture.
  1. Free Brush Strokes
  2. Flat Crayon Drawing
  3. Mandala Designs
  4. Drawing People
  5. Chalk Stencils
  6. Dry Brush
  7. Mask Making
  8. Paper weaving
  9. Sponge Paint Turkeys
  10. Paper Sculpture Animals
  11. Clay Plaques
  12. Christmas Crafts
  13. Spray Painting
  14. Beginning Charcoal
  15. Value Painting
  16. Paint Over Crayon
  17. Crayon Etching
  18. Old Fashioned Valentine
  19. Transparent Water Colors
  20. Finger Painting
  21. Mono Printing
  22. Cardboard Printing
  23. Clay Animals
  24. Using Textures
  25. Crayon Animals
  26. Easter Lilies
  27. Twirlers
  28. Mixed Media
  29. Cartooning
  30. Paper Plate Art
  31. Stuffed Paper Animals
32. Beginning Sculpture

- **ARTS-A-BOUND**: #15 Architecture Great Plains National, 1985, 15 min, grades 5-7. Architecture has utilitarian and aesthetic purposes, as the 2 architects on this program point out. Robert Madison & William Blunden emphasize that creating buildings is a collaborative effort that includes designers, draftspersons, engineers & builders.

- **DANCE OF THE CRANES**: Great Plains National, 1989, 60 min, grades 3-12. The ethereal majesty of the sandhill crane on its annual spring migration along central Nebraska’s Platte River Valley awes & excites the naturalist in people. Miles to the east, soaring at the entrance of Omaha’s Eppley Airfield terminal, John Raimondi’s monumental bronze sculpture Dance of the Cranes depicts two sandhill cranes in a graceful ritual dance. The spirit, freedom & flight that Raimondi’s sculpture evokes is explored & follows the sculptor’s two year process of evolution from conceptualization to drawings, cutouts, models, construction & the final installation of the 60 foot tall piece. This program also looks at a number of Raimondi’s other works.

- **DISNEY WORLD ANIMATION STUDIOS** (Field Trip Series): 25 min, grades 2-6: Take a look behind the scenes of the Animation department in Orlando, Florida where you will see how it all started with Disney’s famous characters. See how a film is created with drawings, script & story.

- **DOODLE**: 10-15 min lessons, grades 3-6: Doodle, an animated pencil, takes students on exciting adventures into the world of imagination & creativity. Through art lessons in Doodle’s virtual studio & video field trips to the great museums of the world, your students will study the work of famous artists, explore art careers & art history, and learn a variety of basic art skills. Lessons include:
  1. Drawing faces  *(also on DVD)*
  2. Cartooning & Caricatures
  3. Color
  4. Painting
  5. Drawing the Human Figure
  6. Comic Book Art
  7. Light & shadow
  8. Perspective
  9. Drawing Animals
  10. Careers in Art

- **DRAW ALONG**: 17-15 min lessons, grades 1-4: Artist teacher Paul Ringler demonstrates drawing approaches & procedures showing students clear, simple steps they can use for drawing. Lessons:
  1. Using Crayons
  2. Ovals Unlimited
  3. Faces and Feelings
  4. Birds Large & Small
  5. Halloween Symbols
  6. Halloween Scenes
  7. Basic Shapes I
  8. Basic Shapes II
  9. Drawing People
  10. Thanksgiving
  11. Deer
  12. Santa Claus
  13. Horses & People
  14. People in Action
15. Houses & Building  
16. Small Animals (Easter)  
17. Building a Picture

- **FAITH RINGGOLD: THE LAST STORY QUILT**: 28 min, grades 3-12: Portrait of an artist series. From the day she learned to draw, Faith Ringgold has worked steadily to master her craft & communicate her vision: to present a realistic view of the black female in society. See an insider’s look at how one woman, through patience, perseverance, and education has fulfilled her dream of becoming an artist. Her mother first suggested that she use quilts as a means of expression. With her mother’s help Ringgold stitched “Echoes of Harlem” the turning point in her development as an artist.

- **FREDERIC REMINGTON: “THE TRUTH OF OTHER DAYS”**: 58 min, grades 3-12: Metropolitan Museum of Art 1990. Focuses on the life, work & times of Frederic Remington. A 19th century American painter, sculptor and author who was best known for his scenes of western life. Traces Remington’s career as an artist from his sketches as a young boy to his mature work as one of America’s finest painters & sculptors at the turn of the century. Also explores Remington’s direct influence on film makers such as John Ford and his continuing effect on today’s popular culture. Incorporates considerable location photography in Cody, Wyoming, upstate New York, Texas, various museums, as well as archival footage, vintage 35 mm feature films, period photographs, hundreds of original art works, and interviews with scholars & historians. Includes a still frame segment of the major paintings and sculptures depicted in the program.

- **JOAN MIRO: THEATRE OF DREAMS**: 60 min, grades 3-12: A close up look at both the lives & works of the artist. See the finest examples of the artist’s works against the backdrop of his favorite settings. Friend of Picasso & Ernst, Mire is the only Surrealist whose work survived intact & undiminished by new trends. He is shown at age 85, five years before his death—still full of youthful vigor & entertaining reminiscences. He is hard at work in his Majorca studio & about to embark on a new venture: An original stage production with a Spanish theater group.

- **JOHN JAMES AUDUBON: THE BIRDS OF AMERICA**: National Gallery of Art 1985, 29 min, grades 3-12: Nineteenth-century American naturalist & artist John James Audubon is the subject of this program, which records his accomplishments as an artist who documented the entire pantheon of American birds & who wrote of his observations of nature & life in the American wilderness. With quotations from Audubon’s journals, & illustrated with his original drawings, engravings, & works of art by other artists of the period, the program tells the story of Audubon’s development as an artist & of his devotion to his dream of publishing “The Birds of America”. The works of art are interwoven with the live motion nature photography & footage of sites prominent in Audubon’s life & work.

- **MARIA! INDIAN POTTERY OF SAN ILDEFONSO**: 24 min, grades 3-12: Educational Video Network Inc., National Parks Service. Native American pottery techniques are examined as forms of artistic & religious expression. Follow Maria as she makes her famous black pots.

- **NATIONAL MUSEUM OF AFRICAN ART & MUSIC**: (Field Trip Series): 25 min, grades 2-6: A grand tour of real African customs, art, music and culture by experts from Ghana and other countries.

- **PASS IT ON: ARCHITECTURE**: 15 min, grades 5-7: Shows the different shapes found on a house and how houses might differ.

- **TREASURES FROM THE PAST**: 59 min, grades 5-12: National Geographic, 1987. Celebrate the arts of restoration and preservation as Leonardo’s “Last Supper”, a Curtiss “Jenny” Airplane, a carousel, A Tall Ship, a Duisenberg car & Leningrad’s Tsarist Palaces are rescued from oblivion.
ECONOMICS

- **DIFFERENCE BETWEEN WANTS & NEEDS**: 17 min, grade 2. Students learn to distinguish between needs & wants, and recognize that wants are not necessary for people to live. Provides answers to a variety of questions. Does one need candy? Why does someone live in a mansion when a Nomad would consider a tent ample shelter? Discover that limited resources prevent some wants from being satisfied.

- **FREE ENTERPRISE AT WORK**: 30 min, grades 6-12. Shows entrepreneurs from all walks of life. They explain how they started their businesses in an interesting and understandable manner. They outline what it takes to succeed in the American Free Enterprise System. Several concepts are presented and defined: benefits of private enterprise, physical capital, human capital, entrepreneur, & profit.

- **HOW OUR ECONOMY WORKS DVD**: 18 min. In this video, students learn that people work to earn money in order to satisfy their basic needs and wants, & that everything we spend money on is either for goods or services. They learn what a job is and the difference between production workers & service workers. They are introduced to the concepts of saving & banks.

- **PRODUCTION WORKERS & THE GOODS THEY MAKE DVD**: 17 min. Learn about the people who make or grow the goods we need—production workers. See how these workers make trucks & houses, and grow food for the community. Understand simple explanations of the terms goods & services, consumers, income; and learn why people work.

- **SCHOOL HOUSE ROCK! MONEY DVD & VHS**: Specifically designed for classroom use. From “Tyrannosaurus Debt” to “Walkin’ on Wall Street”, these songs explain tricky stuff like savings accounts, taxes, stocks, the national debt, and writing checks.
GUIDANCE

- **ALL ABOUT DRUGS**: 16 min, grades K-2: Video with teachers guide notebook. Four part workshop which gives children information about medicine & drugs. The program is designed to raise children’s awareness that medicines are drugs & must be used properly. It also informs them of the dangers in the use of drugs that are legal for adults but not for children. They learn about the bad effects of tobacco, and the dangers of second-hand smoke, as well as the dangers of using alcohol improperly. The program also mentions illegal drugs, goes on to tell some of the reasons people may use drugs even when they know the drugs are not good for them. The upbeat ending gives children ideas for staying healthy and enjoying life without drugs. Each part ends with a pause for children to participate in activities designed to reinforce and extend the concepts presented in the program.

- **HOW DO YOU TELL?**: 15min, grades 3-7: Demonstrates in a believable way that children can say no to drug & alcohol use. They can also help their friends say no.

- **JUST IMAGINE**: 10-20 min lessons, grades K-3: This series allows children to explore some of the exciting careers about which they marvel! It takes a child’s wish & makes it come true on video. Children are taken behind the scenes with the host who escorts them through a world of ideas & opportunities. Bridge the gap between aspirations and reality with these engaging, fun, and friendly virtual snapshots of many of the careers your children dream about!
  1. You’re An Airplane Pilot
  2. You’re An Astronaut
  3. You’re A Boat Captain
  4. You’re A Cowboy
  5. You’re In The Circus
  6. You’re A Firefighter
  7. You’re A Race Car Driver
  8. You’re A Wild Animal Trainer
  9. You’re A Heavy Equipment Operator
  10. You’re An Ice Skater

- **LEARNING GOOD MANNERS!**: 20 min, grades K-5: This program features a cast of kids & grown-ups who demonstrate the right & wrong way to answer the phone & write thoughtful thank you notes, as well as the etiquette of eating out, making introductions and displaying common courtesies.

- **MOST IMPORTANT PERSON**: 9-30 min lessons, grade K.
  1. **Attitudes**: Teaches a child how to deal with discouraging situations in positive approaches. Lessons included are:
     a. Oops, I Made a Mistake
     b. I’m Lonely
     c. Why Not Try?
     d. We Can Do It!
     e. It’s Not Much Fun Being Angry
     f. Nothing Ever Seems To Work Out For Me
  2. **Body Movement**: Focuses on child’s motor development, motor skills and coordination.
     a. Watch Your balance!
     b. It Takes Muscles
     c. Follow The Leader
d. How Big Is Big?
e. Joints Let You Bend
f. Put Your Hands On The Top Of Your Head

3. **Creative Expression:** Encourages children to express themselves in special ways.
   a. This Is Me
   b. Rhythm Around You
c. Use Your Imagination
d. Be Curious!
e. When You’re Waking Up
f. Without Saying A Word

4. **Feelings:** Emphasizes happiness, love, and fear from a child’s point of view.
   - Feeling Good, Feeling Happy!
   - I Used To Be Afraid
   - Different Kinds Of Love

5. **Getting Along With Others:** Cooperation, understanding, and thoughtfulness are included in this kit.
   - Growing Up
   - Doing Something Nice
   - Thinking of Others
   - What is a Friend
   - What Do You Mean?
   - Living Things Are All Around Us
   - Sharing It With Someone

6. **Identity:** Helps child develop a strong sense of self-awareness and self importance.
   - I’m The Only Me!
   - Where Are You In Your Family?
   - How Do We Look?
   - What Do You Think You Want To Be?
   - Every Family Is Special
   - The Most Important Person

7. **Nutrition:** Illustrates the proper eating habits in maintaining good health
   - Tasting Party
   - Foods Around Us
   - What’s For Breakfast?
   - Have A Snack

8. **Health and Your Body:** Helps children learn the body’s functions and to maintain good health.
   - Take Care Of Your Teeth
   - The Voice Box
   - Where Does Food Go?
   - Tell Us How You Feel
   - When You Get Hurt
   - Visiting The Doctor

9. **Senses:** Encourages children to explore ways to heighten sensory awareness.
   - The Five Senses
   - Seeing
   - Hearing
• Tasting
• Smelling
• Touching

• **NO MORE SECRETS:** 15 min, restricted to use in 4th grade: This is a program for children on the subject of sexual abuse. It is an authoritative program drawn from the experience of sexual abuse consultants working on preventive education of this type. It gives correct information to parents, teachers, and counselors to help them guarantee the safety of children. It shows three common examples of sexual abuse to help children become more discriminating about whom they can trust. It shows how to avoid potential abuse and how to tell an adult about an abusive experience that has already taken place.

• **WHO DO YOU TELL?:** 11 min, grades 3-7: Uses animation and live action interviews with kids to explain the family and community support systems available to help young people solve their problems.
HEALTH

- **AIDS: A DIFFERENT KIND OF GERM:** 16 min, grades K-2: Young Tracy learns the basics about AIDS from her mother who is a doctor and her cartoon friend Microscopic Mike. The program blends live action and animation to explain the effect of AIDS on the body’s immune system. It describes how AIDS is transmitted and two common sense precautions, simple and factual, yet reassuring, this program dispels many common fears and misunderstandings held by young viewers.

- **AIDS: FACTS FOR KIDS:** 9 min, grade 4: Presents the facts kids need to protect themselves from AIDS. Students learn about HIV and how it disables the immune system. Explains that we don’t catch HIV from a sneeze, a water fountain, a telephone, a swimming pool, or other causal contact. HIV is transmitted by having sex with an HIV-infected person or by allowing infected blood to get mixed with our own. Advice given: Don’t have sex. Don’t use illegal drugs. Avoid any activity that might result in mixing blood.

- **AIDS: HIV ANSWERS FOR YOUNG PEOPLE:** 19 min, grade 7: The give and take of questions between two teen peer counselors and students in a 7th grade class. Provides for a spontaneous exchange of the most current and accurate information about AIDS.

- **AIDS: WHAT EVERY KID SHOULD KNOW:** 16 min, grade 6: A simple description of AIDS in basic terms. A virus which cripples the body’s immune system or ability to fight off disease and infection.

- **AIDS: WHAT EVERYONE NEEDS TO KNOW:** 20 min, grade 8: Animation and live action detail on how the AIDS virus works, risky and safe behaviors, and new advances in interviews with AIDS infected teens, women, heterosexuals, and minorities make this revision valuable to all groups in society.

- **BEGINNINGS: YOU WON’T GET AIDS:** 14 min, grade 3: Following the U.S. Surgeon General’s guidelines, this program provides reassuring information about AIDS for children. Combining animation, live action, and song, the program shows children’s fears and answers their questions about how AIDS is spread. Responding honestly to concerns about health, drug use, and human sexuality at an early age, the program lays a strong foundation for open communication throughout a youngster’s high risk years.

- **COME SIT BY ME:** 8 min, grades K-2: Using a multi-cultural setting, this video tells a story about Karen and her friends. One friend, Nicholas, is often sick and absent from school. Eventually, the children find out that Nicholas has AIDS. When Karen asks her parents about AIDS, she is given a well-informed, bite-sized definition and is reassured that she can safely continue her friendship with Nicholas. When Nicholas, and then Karen, are ostracized from the social circle, Karen’s parents help organize a meeting to address the fears of both care givers and children. The overall message is that knowledge and communication, combined with care and compassion, can foster tolerance and acceptance for people living with AIDS. A pictorial summary follows the story and shows children the many ways people cannot get HIV infection or AIDS.

- **I HAVE AIDS: A TEENAGER’S STORY:** 30 min, grades 5-12: Thousands of kids in the US have been infected with the AIDS virus. Like Ryan White did, these kids face the prejudice of people who don’t understand how the AIDS virus can and can’t be transmitted. Until his death in 1990, Ryan White tried to educate people—especially kids—about AIDS. Kids learn about AIDS from Ryan in several ways: they see him studying and interacting with friends just like other kids his age; they go with him to visit a group of 5th graders who ask him questions about AIDS, and listen as Ryan candidly answers. This program provides basic biology lessons about cells and viruses to help kids more thoroughly understand AIDS.
• **INSIDE STORY WITH SLIM GOODBODY: IMMUNE SYSTEM/AIDS:** 15 min, grade 4: Slim uses animation, music, and location vignettes to explain how the immune system fights and overcomes most diseases which attack the body. He tells how AIDS is different—it attacks and defeats the immune system. Children in location vignettes ask questions about AIDS. Slim tells them the facts—what can cause AIDS and what doesn’t. He encourages them to keep their bodies safe by avoiding “risky behaviors” and making positive choices for good health.

• **LET’S TALK ABOUT AIDS:** 14min, grade 5: This program presents information about AIDS in a style appropriate for intermediate students. They’ll hear from their peers, from experts, and even from kids with HIV about how you get the disease and how you don’t get it; how HIV affects the lives of people who have it and how an understanding of the disease can lead to a more compassionate attitude toward people with AIDS. The program is hosted by a pre-teenage girl and young woman who is an AIDS counselor for elementary school children. It conveys the information that you cannot get the virus from casual contact and that elementary school children are unlikely to get it. The overall tone of the video is gentle, caring and reassuring.

• **THUMBS UP FOR KIDS: AIDS EDUCATION:** 21 min, grades K-2: Ruby Peterson, former “Romper Room” teacher interacts with a small group of children while teaching about disease prevention in general, and AIDS in particular. The children, including a child in a wheelchair and a 6 year old who as a premature infant contracted AIDS through a blood transfusion, learn about germs and the difference between the “AIDS” germ and a “cold” germ. Presented in three seven minute segments. Through song, dance, rap tunes, and visual effects, the children discover that AIDS is hard to get, that it’s safe to play, share toys and attend class with someone who has AIDS. The importance of keeping clean and the ways in which doctors, nurses, teachers, parents, and other caring adults help children are stressed.

• **WHAT IS AIDS:** 16 min, grade 5: How do you explain AIDS to youngsters? Seriously and sensitively, students are taught how AIDS can enter the body & create an environment where germs flourish. Preventive measures are not described to this age group. However, in general terms, sex and the use of needles are mentioned as ways to contact the disease.

• **ALL ABOUT BLOOD & THE HEART** (Human Body for Children Series): 23 min, grades K-4: Introduces young viewers to the body’s circulatory system. This program takes a close-up look at the components of this vital body system: the heart, blood vessels and blood. Kids will discover that blood carries oxygen & nutrients to every cell in our bodies while also removing waste products that our cells no longer need. Viewers also learn the important role that white blood cells play in protecting our bodies from disease, how platelets help a wound stop bleeding through a process called clotting. Blood typing & the importance of donating blood are discussed during a visit to a blood bank and kids learn about the heart as they make their own stethoscope in a fun, hands-on activity.

• **ALL ABOUT BONES & MUSCLES** (Human Body for Children Series): 23 min, grades K-4. Gives young students a close-up look at these 2 key systems of the human body. First, they’ll learn that bones and muscles are alive! Then they will discover that bones give our bodies shape, structure and protection while also performing the important job of making our blood! Muscles attached to bones are what give us the ability to move in so many ways, as a young gymnast demonstrates. Viewers will also learn about cartilage, ligaments and tendons, as well as ways of caring for our bones & muscles. Includes a fun activity in which kids create a simple model of the body and try to use what they’ve learned to locate joints.
- **ALL ABOUT THE BRAIN** (Human Body for Children Series): 23 min, grades K-4: Introduces kids to the human nervous system, which is comprised of the brain, the spinal cord & a vast network of nerves. Discover the basic units of the nervous system & explore the functions of the three main parts of the brain—the cerebrum, cerebellum and the brain stem. Colorful graphics & exciting, real-life examples help young students understand how messages constantly travel back & forth between the brain & all of the other parts of the body. A fun demonstration shows how the brain is protected not only by the skull but by a layer of fluid as well. Reflexes are discussed and an easy-to-replicate experiment is included in which kids actually measure their own reaction time.

- **ALL ABOUT CELLS & BODY SYSTEMS** (Human Body for Children Series): 23 min, grades K-4: Gives kids a fascinating look inside the human body and introduces them to the concept that the body is made up of smaller parts called organ systems. With simple explanations and stunning colorful graphics, young students will learn about the functions of each system and the relationships between cells, tissues & organs. The program stresses that in order to be healthy; all of the body’s systems must work together. Includes a fun activity in which kids construct their own model of a human body with its different organs & body systems.

- **ALL ABOUT HEALTH & HYGIENE** (Human Body for Children Series): 23 min, grades K-4. Students will explore how & why people get sick and what they can do to help keep them strong and healthy. Clear, real-life examples and colorful graphics help viewers learn that being healthy means having a body that is working properly and that hygiene is the practice of doing what it takes to stay healthy. The basics of infectious and non-infectious diseases are covered, including a discussion of the immune system, and a segment about what kids can do to ward off illness. Includes an easily replicated hands-on experiment that allows kids to safely investigate germ growth in the world around them.

- **ALL ABOUT THE HUMAN LIFE CYCLE** (Human Body for Children Series): 23 min, grades K-4: Students will discover that there are stages that all of us pass through as we grow: birth, infancy, childhood, adolescence and adulthood. Each of these is described using real-life examples against the backdrop of a family picnic. The concept of a cycle is stressed, making it clear that the cycle of life repeats again and again with each new baby that is born. A fun activity is included in which kids witness the stages of a life-cycle up-close through observing the metamorphosis of a caterpillar into a butterfly.

- **ALL ABOUT NUTRITION & EXERCISE** (Human Body for Children Series): 23 min, grades K-4: Kids will learn that nutrients in the food we eat are what our bodies need to grow and stay healthy. An explanation of each key nutrient—carbohydrates, fats, protein, vitamins, minerals and water—is included, with an emphasis on the need for balance. Students will learn about the food pyramid as a guide to maintaining a healthy balance in their daily diets. The program explains how we get energy from the foods we eat, measured in the form of calories, and how we burn that energy when we exercise. In a fun, hands-on activity, kids try their hand at identifying which foods contain starches.

- **ALL ABOUT THE SENSES** (Human Body for Children Series): 23 min, grades K-4: Uses real-life examples—like a trip to an amusement park—to teach young students about the five senses: sight, hearing, smell, touch and taste. Viewers will learn that we receive information from the outside world through our sense organs: our eyes, ears, nose, skin and tongue. The program emphasizes the role of special nerves called receptors, which send signals to the brain so that we can make “sense” of it all. Several fun, hands-on activities are included, which will help kids better understand how their senses work.
• **ALL FIT WITH SLIM GOODBODY:** 15-15 min lessons, grades 3-4: This program is designed for children in grades three and four to help them improve their overall level of physical fitness. It is a series which will help children identify and develop skills in such areas as flexibility, strength, cardio-respiratory endurance, coordination, posture, balance, etc. Lessons included:
  1. Fitness
  2. Body Design
  3. Training Principles
  4. Warm-Up, Cool-Down
  5. Flexibility
  6. Strength and Endurance
  7. Cardio-respiratory System
  8. Body Composition
  9. Balance
 10. Posture
 11. Coordination & Agility
 12. Speed and Power
 13. Relaxation and Stress
 14. Lifetime Fitness
 15. The All Fit Work Out

• **BACTERIA: SIMPLE ORGANISMS IN ACTION:** 23 min, grades 5-8: Students will learn the ancient origins of these members of the Kingdom Monera and examine their unique characteristics. Discover not only the nasty effects of bacteria like staphylococcus, but also the helpful acts of those bacteria known as decomposers. A hands-on experiment demonstrates how yogurt bacteria hinder the growth of other microorganisms.

• **BICYCLE SAFETY** (Safety for Children): 10 min, grades K-3. No description available.

• **BIKE SAFETY WITH BILL NYE THE SCIENCE GUY:** 16min, grades K-4: Bill Nye presents a fun look at bike safety, offering tips on pre-ride checks, hand signals, and rules of the road from professional cyclists.

• **BILL NYE SERIES:** Bill Nye, way-cool comedian and scientist, proves Science rules – with fascinating facts, surprise celebrity guests, rockin’ hot music videos, and fun experiments you can try at home. Lessons include:
  1. Amphibians
  2. Animal Locomotion
  3. Archaeology
  4. Architecture
  5. Atmosphere
  6. Atoms
  7. Balance
  8. Bike Safety
  9. Biodiversity
 10. Birds
 11. Blood & Circulation
 12. Bones & Muscles
13. Brain
14. Buoyancy
15. Caves
16. Cells
17. Chemical Reaction
18. Climates
19. Comets & Meteors
20. Communications
21. Computers
22. Deserts
23. Digestion
24. Dinosaurs
25. Dinosaurs: Those Big Boneheads
26. Do It Yourself Science
27. Earth's Crust
28. Earth's Seasons
29. Earthquakes
30. Electrical Current
31. Energy
32. Erosion
33. Evolution
34. Eyeball
35. Farming
36. Fish
37. Flight
38. Flowers
39. Fluids
40. Food Web
41. Forensics
42. Forests
43. Fossils
44. Friction
45. Garbage
46. Genes
47. Germs
48. Gravity
49. Heart
50. Heat
51. Human Transportation
52. Insects
53. Inventions
54. Invertebrates
55. Lakes & Ponds
99. Waves
100. Wetlands
101. Wind

- **BLOOD AND CIRCULATION** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: To stay alive, our bodies use blood to carry our food, oxygen and waste. Our heart pumps blood through arteries, veins, and capillaries all through our bodies. The heart is a muscle, which can be made stronger through exercise.

- **BODY IN MOTION:** 37 min, grades K-5: This video is in 4 segments. From the very beginning of our lives we are determined to move our body. Includes:
  1. Learning to Walk
  2. See How They Run
  3. Young Athletes
  4. Fantastic Robots

- **BONES AND MUSCLES** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bones and muscles work together to support, protect, and move our bodies. Different parts of our bodies move in different ways because they are connected by different types of joints.

- **BRAIN** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: The brain, spinal cord and nervous system control all of an animal’s body function.

- **BRAIN & NERVOUS SYSTEM** (Human Body in Action Series): 23 min, grades 5-8: Kids will learn about the three key parts of the nervous system – the brain, spinal cord & nerves – all made up of special cells called neurons that transmit electrical impulses throughout the body. They’ll discover the different types of neurons – sensory, motor and associative – each with a specialized function. Reflex actions are discussed, as well as an in-depth look at the three main parts of the brain: cerebrum, cerebellum and brain stem. Includes a visit with two neurologists and a fun hands-on activity that allows kids to test their ability to learn.

- **BRUSHING WITH DUDLEY & DEE DEE:** 6 min, grades K-2: Dudley uses magic to teach his little sister Dee Dee all about brushing and flossing.

- **CAPTAIN YUCK’S ADVENTURE IN THE FOOD PYRAMID:** 20 min, grades K-3: Accompany Captain Yuck and three kids on a “field trip through space and time” to the six levels of the Food Pyramid and teach the part each of its food groups plays in good nutrition. It makes clear the groups to eat most of and advises against eating foods with too much fat and sugar.

- **CELLS** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: All living things are made of cells. Different types of cells have different jobs. The number of cells & how they’re put together gives is the wide variety of life forms found on Earth.

- **CELLS** (Human Body in Action Series): 23 min, grades 5-8: Kids will discover that, while most cells are very similar in structure and equipment, each type of cell has its own special function. Colorful detailed graphics give viewers a complete rundown of the various parts of a cell. Inside the cell, they’ll see various organelles – the individual parts that work together to keep the cell functioning. Cell specialization and the process of cellular reproduction known as mitosis are also covered. Includes a fun, hands-on activity that demonstrates the concept of a selective membrane.

- **MAGIC SCHOOL BUS GOES CELLULAR:** DVD & VHS, 30 Min, grades 1-3: Topic: Cells: It’s the night of the rock lovers’ annual Granite Awards, and Arnold is about to become the first kid ever to win the coveted Rocky Award. He’s so excited; all he’s been able to eat for weeks are "Seaweedies" — and lots of them! When he arrives for the big event, he’s totally nervous and totally...orange! Once the class
determines that the orange isn’t on Arnold’s skin, they shrink down to explore what’s underneath. They discover that his whole body is made of living cells — and they’re all orange! But where is the orange coming from... and how can they make it go away?

- **CIRCULATORY & RESPIRATORY SYSTEMS** (Human Body in Action Series): 23 min, grades 5-8: Kids will discover how these two vital systems work together to help keep us alive through a process called cellular respiration. A close-up look at the components of our blood — plasma, red blood cells, white blood cells and platelets — reveals just how critical blood is to our survival. Pumped by the heart through a vast network of vessels, our blood is the ultimate pick-up and delivery system, providing vital nutrients, carrying away harmful waste, and fighting against disease and infection. A visit to a hospital blood laboratory is included, as well as an interview with a doctor, and a fun hands-on activity in which students can test their lung capacity.

- **CLEAN KIDS**: 15 min, grades K-3: The Clean Kids are here to see that everyone stays neat, clean and healthy! They have advice about care of hair and nails and about the importance of clean, neat clothes. This delightful program will help youngsters see that being a Clean Kid is just part of growing up.

- **CPR For Bystanders**: revised in 1992. No information available.

- **DARK SECRETS, BRIGHT VICTORY: ONE WOMAN’S RECOVERY FROM BULIMIA**: 14 min, grades 7-12: Heidi has been both anorexic and bulimic. She has suffered a relapse and is in treatment again, this time with her mother and father. Heidi feels that being honest and sharing some long-kept secrets with her father will help her recovery and bring the family together. Her mother, Patti, describes the way she has tried to cope with Heidi’s compulsive behavior. Heidi’s father, Ron, reveals his confusion about the disease, and begins to learn about it.

- **DIGESTION** (Bill Nye Series) **DVD & VHS**: 30 min, grades 4-8: Our bodies need different chemicals to keep them running. We get these chemicals from our food. We grind our food up, absorb the chemicals we need, then get rid of the waste that’s left over.

- **DIGESTIVE & EXCRETORY SYSTEMS** (Human Body in Action Series): Teaches kids that in order to be of use to our cells, food needs to be broken down & absorbed into the bloodstream. This is the job of the digestive system, a complex series of tools that includes teeth, salvia, bile, acids, and enzymes designed to reduce nutrients to a form that can be delivered to cells. But just as trash must be taken out at home, waste products and indigestible materials must be removed from the body. Viewers will learn that this is the role of the excretory system, which includes the liver, lungs, kidneys, and even the skin! Included is a visit with a kidney specialist and a hands-on activity that tests the digestive action of acids and enzymes.

- **MAGIC SCHOOL BUS FOR LUNCH: DVD & VHS**: 30 min, grades 1-3: Topic: Digestion Arnold’s so excited he doesn’t have to go on a field trip! But when he accidentally swallows his miniaturized class, he becomes the field trip!

- **DUDLEY & DEE DEE IN NUTRITIONLAND**: 6 min, grades K-3: Dudley and Dee Dee travel to Nutritionland where they learn about food groups and dental health.

- **DUDLEY’S CLASSROOM ADVENTURE**: 9 min, grades 1-4: This video teaches good dental hygiene habits to students. Dudley takes kids on a fun-filled classroom adventure as he writes a report on a healthy mouth.

- **EPIDEMIC: KIDS, DRUGS & ALCOHOL**: 27 min, grades 7-12: Aimed at both young people and adults, this film explores the reasons behind the prevalent use of drugs and alcohol in our society, presents new and startling medical information about the effects of these substances, including marijuana on the body, and looks at the tragic impact of drugs and alcohol on driving. Also included is an
examination of the influences of the media, music, and peers on young people’s attitudes about drugs, and alcohol usage.

- **EVERYTHING YOU WANTED TO KNOW ABOUT PUBERTY...A PROGRAM FOR BOYS:**
  Restricted for use with 4th grade students in cooperation with the school nurses. 16 min, grade 4: This live action program is about two boys on the verge of puberty. Both boys have questions about what’s happening to them and why. An older brother, some humorous occurrences and a reliable book help sort out the answers. Simple animation makes the physical development understandable.

- **EVERYTHING YOU WANTED TO KNOW ABOUT PUBERTY...A PROGRAM FOR GIRLS:**
  Restricted for use with the 4th grade students in cooperation with the school nurse: 13 min, grade 4: This live-action program is about two girls on the verge of puberty. Both girls have questions about what’s happening to them and why. An older sister, some humorous occurrences and a reliable book helps sort out the answers. Simple diagrams and animation makes physical development understandable.

- **EYEBALL** (Bill Nye Series): 30 min, grades 4-8: Our eyes regulate the amount of light that enters them. Our eyes focus the images we see. Having two eyes lets us see in three dimensions.

- **FIRST AID: VIDEO KIT:** 95 min, grades 7- Adult: Developed under the auspices of the American Red Cross, this informative program presents a wide variety of life-saving skills in an easy to understand format. The three lessons in the program are grouped into half hour segments accompanied by dramatizations illustrating procedures and short quizzes reinforcing the basic principles of first aid. Topics include CPR, preventing shock and handling such emergencies as choking, bleeding, poisoning, and fracture.

- **FOOD & NUTRITION:** 15 min, grade 2: Introduce students to the concepts of healthy eating and a balanced diet. This program, based on the USDA food guide pyramid, encourages healthy eating habits in young children. Learn about the main nutrients in food, how to choose healthy snacks, how to tell if food is high in fat, and how to find hidden sugars in food.

- **FOOD PYRAMID:** 6 min, grades K-5: At one time we all learned the four basic food groups. New thinking about food has led to a new way of organizing our diet: The food pyramid, which stresses the importance of eating a balanced diet for good health.

- **HEALTHY ME: SET 1 FIRST AID:** grades 3-6: Contains video and teaching guide.

- **GENES** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Genes are a blueprint for your body and your cells follow the blueprint to build you. All living things have genes in their cell.

- **GENES & HEREDITY** (Human Body in Action Series): 23 min, grades 5-8: Students will learn that genes are the tiny “instruction manuals” contained in the chromosomes of every one of our cells, and that genes are responsible for our characteristic traits – like hair color, eye color and height. Heredity is the passing of these traits from parents to offspring. Viewers will discover that genes and chromosomes are made up of DNA – the chemical language that makes up those genetic instructions. Dominant and recessive traits, meiosis and mutations are also covered. Includes an intriguing experiment in which kids can actually see the DNA from peas!

- **GERMS** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: A germ is a very small living thing that can get inside your body and make you sick. Most germs don’t make you sick, because your body fights them off.

- **MAGIC SCHOOL BUS INSIDE RALPHIE:** DVD & VHS, 30 min, grades 1-3: Topic: Germs: Ralphie is crushed when a fever keeps him home from school the day he’s scheduled to host a Frizzle News Network broadcast on health.
GOODBODIES: 10-15 Min lessons, grades K-2: This series will provide a lively, fresh, integrated approach to health education. Goodbodies goal is to help students acquire the knowledge and skills that will enable them to adopt behaviors that enhance good health. All are available on DVD and VHS.

Lessons include:

1. **Invaders:** Learn about harmful germs & how to stay protected. Follow the trail of a strep germ from a pediatrician’s office to a special lab to learn how quickly germs multiply. Understand the value of keeping hands out of eyes and nose. And discover why hand washing is such a powerful preventative technique.

2. **Yum:** Celebrate good food & learn how to eat properly by using the food pyramid as a guide. Visit a nutritionist to discover how to make healthy snacks. Learn how the body digests food. Travel around the world to discover favorite foods of different cultures. And see what animals eat. Have fun trying new kinds of food.

3. **Soap:** Get the scoop on cleanliness, discover the wide variety of different soaps and learn how they work to clean the skin. Travel to Sturbridge Village to learn how soap was made in the 19th century. Understand the value of being clean-for health and social benefit. And learn proper washing techniques.

4. **Smile:** Gain understanding of the values of good dental hygiene. Visit a pediatric dentist and travel to a toothbrush manufacturing company to learn how toothbrushes are made. Travel to the National Museum of Dentistry to see ancient teeth cleaning devices. And finish at the zoo, with Norman the Sea Lion, as he gets his teeth brushed.

5. **Help:** Find out where to turn in different emergency situations. Visit a fire house to learn about fire safety and understand why you need to “get out and stay out!” Learn to “stop, drop and roll”. Travel to a 911 headquarters to explore what happens when a call comes in. Ride with EMT’s in an ambulance. And meet Sergeant Judy from the police department to learn what to do if you get lost.

6. **Move:** Celebrate all kinds of body movements. Discover why you can never sit “completely still.” Visit a Karate school and see how this movement training is done and how mental strength is also needed. Read all about someone’s love for dance. And learn about aerobic exercise and why it’s so good for you.

7. **Up:** Learn how your bones and muscles form the inner framework of your body. Travel with us to an amazing museum exhibit called “Body Odyssey” to learn how bones make red and white cells. View an animation illustrating muscles moving bones. Compare our framework to those of different animals. And learn some things to do to help your framework do its job well, including practicing good posture.

8. **Feelings:** Explore feelings from many angles – through mask making, drumming and body language. Travel around the world to learn that feelings allow human beings to communicate even if they don’t speak the same language. And practice deep breathing to gain control of “negative feelings”.

9. **Senses:** Explore the five main senses – sight, sound, smell, taste, and touch – and learn how each allows “different parts of the world in”. Visit an eye doctor to learn about vision. See some amazing animal eyes. Gain a greater understanding of how people who lack one sense are able to compensate to lead fulfilling lives. And sing a “senses safety” song.

10. **Safe:** Learn that injuries will happen to everyone from time to time, but many can be prevented with proper safety practices. Learn why looking “left, right, left” is so important before crossing a street. Travel on board a school bus to practice bus safety. Visit the pool to learn water safety. And sing the bike safety helmet song.

11. **Gun Safety:** Learn about this very serious issue as Slim visits an army shooting range. He finds out how a gun works & gets shooting tips from the soldiers. Common questions are asked about guns,
including movie violence and using guns with adult supervision. And learn what four steps to take when a gun is found.

- **HEAD LICE: AN ITCHY PROBLEM:** 13 min, grades K-6: This good humored program is designed to give youngsters the information they need to guard against head lice and to prevent the transmission of these highly communicable parasites. It stresses the importance of early detection.

- **HEALTH & GROWTH:** (Science Clips for Children series): 18 min, grades K-4: Children will discover how physical features change as we grow and that everyone needs to exercise to become strong. Amazing X-ray photography takes viewers inside the human body, and vibrant animations illustrate various animal needs and how illnesses like asthma can be helped with medicine.

- **HEALTH & THE HUMAN BODY:** (Science Clips for Students): 26 min, grades 5-8: Discover the amazing systems within the human body that work together to allow us to move, grow, learn and fight disease. Observe the structure and function of these systems, and learn how they interact.

- **HEALTH & NUTRITION** (Human Body in Action series): Students learn that what we eat is critical to our overall health, from our cells to our senses to how we feel. Cells need nutrients to function properly and we get them from the foods we eat. Viewers will be treated to a complete rundown of essential nutrients, including carbohydrates, fats, proteins, vitamins, minerals and water. The concept of a balanced diet is stressed along with a full presentation of the Food Guide Pyramid and a segment of the importance of exercise for maintaining good health. Includes an interview with a nutrition expert and a fun hands-on activity in which kids actually measure and compare the amount of energy stored in different foods.

- **HEART** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: A muscle that works all the time, whether you think about it or not. Your heart pumps your blood around your body to keep you alive.

- **HUMAN BODY TORSOS:** Checked out for 1-4 weeks. Please state length needed when ordering. Grades K-5: Kits include 7 cassettes, Teacher’s guides, transparencies, activity sheets and answer guides, tests and answers, and CD-Rom.

- **MAGIC SCHOOL BUS FLEXES ITS MUSCLES:** DVD & VHS: 30 min, grades 1-3: Topic: Body Mechanics. Because he’d rather be playing ball, Ralphie wants to build a robot to do his chores. As he and his classmates struggle to make the robot, they discover the importance of knowing how joints and muscles work together.

- **IMMUNE SYSTEM** (Human Body in Action Series): 23 min, grades 5-8: Students learn that infectious diseases are caused by microscopic foreign invaders called pathogens, while noninfectious diseases can be due to a variety of factors that include heredity, environment or lifestyle choices. Viewers get a close-up look at the immune system’s three lines of defense: protective barriers like skin and mucus, the inflammatory response and the lymphatic system. Included is an interview with a doctor who explains the social role white blood cells play, plus an easy-to-replicate experiment where kids see how hand washing can dramatically reduce the number of bacteria normally found on their hands.

- **INHALANT ABUSE: KIDS IN DANGER/ADULTS IN THE DARK:** 18 min, grades 4-9: Provides an overview of the inhalant abuse problem while suggesting community-based alternatives and peer to peer youth strategies for prevention and intervention. Includes discussion guide.

- **INTERRELATIONSHIP OF THE BODY SYSTEMS** (Human Body in Action Series): 23 min, grades 5-8: Teaches students that the human body is really one large system comprised of many smaller systems. Made up of cells, tissues and organs, each body system has its own specialized job. However, each system must still interact with the others to get its job done. Kids will explore the functions and major organs of each body system aided by colorful, dynamic graphics and vivid real-life examples. This
program includes a visit with a critical care doctor and a fun hands-on activity which reinforces the concept that our body systems can accomplish things by working together as a group that no individual part could do alone.

- **ITS DENTAL FLOSSOPHY CHARLIE BROWN**: 5 Min, grades K-5: Lucy teaches Charlie Brown and Snoopy how to floss, while Woodstock makes his own use of the floss building a nest!

- **LICE ARE NOT NICE**: 11 min, grades 1-8: Head lice presents an increasingly wide-spread problem to school age children. This film explains what lice are, how they are transported from person to person, what symptoms are, and how to get rid of them. Animation and micrographs of lice give children a clear understanding of what the creatures are like.

- **LUNCH LADY’S GUIDE TO THE FOOD PYRAMID DVD**: 23 min, grades Pre K-4: The Lunch Lady shows children how to make nutritious meals by using the new food pyramid. Students will learn how to make smart choices from every food group, understand the balance between food and physical activity, and get the most nutrition out of meals and snacks. Featuring a fast paced cooking show format, the program captures the zany Lunch Lady as she prepares nutritious breakfast, lunch and dinner specials.

- **MAGIC SCHOOL BUS SERIES**: 30 min episodes: All are available on DVD, but not all are on VHS. Unlimited fun learning about science with these animated videos. Based on the best-selling book series and top rated PBS show. Lessons include:
  1. **Air Pressure**: “Goes To Air”
  2. **Ants**: “Gets Ants in its Pants”
  3. **Archaeology**: “Shows and Tells” **DVD ONLY**
  4. **Bats**: “Going Batty”
  5. **Body Mechanics**: “Flexes Its Muscles”
  6. **Butterfly**: “Butterfly and the Bog Beast”
  7. **Cells**: “Goes Cellular”
  8. **Circulation**: “Works Out” **DVD ONLY**
  9. **City Critters**: “In The City”
  10. **Color**: “Makes a Rainbow”
  11. **Computers**: “Gets Programmed”
  12. **Coral Reef**: “Takes a Dive”
  13. **Decomposition**: “Meets the Rot Squad” **DVD ONLY**
  14. **Desert Adaptation**: “All Dried Up” **DVD ONLY**
  15. **Digestion**: “For Lunch”
  16. **Dinosaurs**: “The Busasaurus”
  17. **Eggs**: “Cracks a Yolk” **DVD ONLY**
  18. **Electricity**: “Gets Charged”
  19. **Energy**: “Getting Energized”
  20. **Engines**: “Revving Up” **DVD ONLY**
  21. **Flight**: “Taking Flight”
  22. **Floating and Sinking**: “Ups and Downs” **DVD ONLY**
  23. **Food Chain**: “Gets Eaten”
  24. **Forces**: “Plays Ball”
  25. **Germs**: “Inside Ralphie”
  26. **Gravity**: “Gains Weight”
  27. **Habitat**: “Hops Home”
  28. **Heat**: “In The Arctic” **DVD ONLY**
29. **Honeybees: “In a Beehive”**
30. **Kitchen Chemistry: “Get Ready, Set Dough”**
31. **Light: “Gets a Bright Idea” DVD ONLY**
32. **Microbes: “In A Pickle” DVD ONLY**
33. **Migration: “Goes Upstream” DVD ONLY**
34. **Molecules: “Meet Moly Cule”**
35. **Photosynthesis: “Gets Planted”**
37. **Recycling: “Holiday Series”**
38. **Seeds: “Goes to Seed”**
39. **Smell: “Makes A Stink”**
40. **Solar System: “Gets Lost In Space”**
41. **Sound: “In the Haunted House”**
42. **Space Rocks: “Out of This World” DVD ONLY**
43. **Spiders: “Spins a Web”**
44. **Stars: “Sees Stars”**
45. **Structures: “Under Construction”**
46. **Tidal Zones: “Goes To Mussel Beach” DVD ONLY**
47. **Volcanoes: “Blows its Top”**
48. **Warm/Cold Blooded: “Cold Feet” DVD ONLY**
49. **Water: “Wet All Over” DVD ONLY**
50. **Water Erosion: “Rocks & Rolls” DVD ONLY**
51. **Weather: “Kicks up a Storm”**
52. **Wetlands: “Gets Swamped”**
53. **Human Body DVD ONLY: Includes “For Lunch”, “Inside Ralphie”, and “Flexes It’s Muscles”**
54. **Super Sports Fun DVD ONLY: Includes “Plays Ball”, “Works Out”, and “Shows & Tells”**
55. **Bugs, Bugs, Bugs DVD ONLY: Includes “In a Beehive”, “Gets Ants in the Pants”, and “Butterfly and the Bog Beast”**
56. **Catches a Wave DVD ONLY: Includes “ Wet All Over”, “Rocks & Rolls”, and “Ups & Downs”**
57. **Creepy Crawly Fun DVD ONLY: Includes “Inside the Haunted House”, “Going Battty”, and “Spins a Web”**
58. **Space Adventures DVD ONLY: Includes “Gets Lost in Space”, “Out of This World”, and “Taking Flight”**
59. **Holiday Special DVD ONLY: Includes “Holiday Special”, “All Dried Up”, “In The Rainforest”**

**MOST IMPORTANT PERSON: MOST IMPORTANT PERSON:** 9-30 min lessons, grade K:

1. **Attitudes:** Teaches a child how to deal with discouraging situations in positive approaches. Lessons included are:
   - Oops, I Made a Mistake
   - I’m Lonely
   - Why Not Try?
   - We Can Do It!
   - It’s Not Much Fun Being Angry
   - Nothing Ever Seems To Work Out For Me

2. **Body Movement:** Focuses on child’s motor development, motor skills and coordination.
   - Watch your balance!
   - It Takes Muscles
3. Creative Expression: Encourages children to express themselves in special ways.
   - This Is Me
   - Rhythm Around You
   - Use Your Imagination
   - Be Curious!
   - When You’re Waking Up
   - Without Saying A Word

4. Feelings: Emphasizes happiness, love, and fear from a child’s point of view.
   - Feeling Good, Feeling Happy!
   - I Used To Be Afraid
   - Different Kinds Of Love

5. Getting Along With Others: Cooperation, understanding, and thoughtfulness are included in this kit.
   - Growing Up
   - Doing Something Nice
   - Thinking of Others
   - What is a Friend
   - What Do You Mean?
   - Living Things Are All Around Us
   - Sharing It With Someone

   - I’m The Only Me!
   - Where Are You In Your Family?
   - How Do We Look?
   - What Do You Think You Want To Be?
   - Every Family Is Special
   - The Most Important Person

7. Nutrition: Illustrates the proper eating habits in maintaining good health
   - Tasting Party
   - Foods Around Us
   - What’s For Breakfast?
   - Have A Snack

8. Health and Your Body: Helps children learn the body’s functions and to maintain good health.
   - Take Care Of Your Teeth
   - The Voice Box
   - Where Does Food Go?
   - Tell Us How You Feel
   - When You Get Hurt
   - Visiting The Doctor

   - The Five Senses
• Seeing
• Hearing
• Tasting
• Smelling
• Touching

• **Mysteries of the Food Pyramid:** 16 min, grades 4-6: Two students, Sarah and Ryan, are mysteriously transported from their library to the Food Guide Pyramid. To get back home, they must solve the mysteries of the Pyramid and plan a day’s menu based on easy to understand nutritional guidelines. This entertaining video takes the mystery out of healthful eating and will help your students keep going strong all day long, day after day, year after year.

• **New Food Pyramid: It’s All About You DVD:** 23 min, grades 4-8: This program shows how making the right eating choices helps keep bodies and minds fit, and encourages viewers to combine sound nutrition with their own exercise plan.

• **Nutrition** *(Bill Nye Series)* DVD & VHS: 30 min, grades 4-8. Everything from your eyeballs to your elbows is made of food! Tells what kinds of nutrients are in each bit of grub and what foods are best for healthy bodies.

• **Our Five Senses:** 12 min, grades K-2: Students learn what the senses are and how the senses enable us to collect information about the varied sights, sounds, smells, textures, and tastes that form our environment. They also learn that there are sense organs connected with every sense.

• **Personal Health & Hygiene** *(Health for Children Series)*: 23 min, grades K-4: This video explores the importance of basic personal hygiene, including tooth brushing, bathing and proper skin care. Students will also learn the benefits of getting plenty of sleep, good nutrition and loads of physical activity.

• **Reading, Writing & Reefer:** 52 min, grades 5-12: NBC-TV documentary which examines the dramatic increase in the use of marijuana by American teenagers and adolescents and the drastic effect it has on their lives.

• **Respiration** *(Bill Nye Series)* DVD & VHS: 30 min, grades 4-8: Humans have to breathe to live. Breathing is how our bodies get oxygen from air. We combine oxygen with chemicals in our food to get the energy we need to live.

• **Reproductive & Endocrine Systems** *(Human Body in Action Series)*: 23 min, grades 5-8: Explores two systems that have unique roles in the function of the human body. Kids will learn about the amazing way that the primary organs of the endocrine system communicate and produce the hormones which regulate the critical functions of other body systems. Topics including growth, the onset of puberty and sexual maturity are also covered. The program includes a presentation of the reproductive organs, along with an explanation of the production of sex cells-eggs and sperm- and the process of fertilization. There’s also a visit with a reproductive endocrinologist and a hands-on activity in which kids get to see the effect of hormones on plant growth.

• **Safety Awareness** *(Safety for Children Series)*: 23 min, grades K-4: From Avoiding positions and electrical hazards to planning a fire escape route, this video provides students with tips for basic safety practices in all kinds of situations.

• **Secrets of the Food Pyramid:** 14 min, grades K-3: Students discover secrets of a healthy diet. Frequent scenes of children engaged in active play underscore the value of exercise in maintaining a healthy body. This video will help your students develop sound eating habits to last a lifetime.
THE SENSES: 10 min, grades K-5: You see “chocolate” written on a candy wrapper and it makes your mouth water, tear it open and the smell makes you want it more. Finally you bite into it and enjoy. This segment explores how our senses combine to help us experience the world around us.

SKELETAL & MUSCULAR SYSTEMS (Human Body in Action Series): 23 min, grades 5-8: Students learn that bones and muscles work together to protect our bodies and enable them to move. They’ll discover that in addition to providing support for our bodies and protecting vital organs, bones are where blood is manufactured! Viewers also learn that bones are classified by shape – long, short, flat and irregular – and that there are three types of muscles – skeletal, smooth and cardiac. Vivid examples and colorful graphics illustrate how joints work with the help of connective tissues like cartilage, ligaments and tendons. An orthopedic surgeon explains how bones heal, and a fun, hands-on experiment shows how calcium is essential for strong, healthy bones.

SKIN (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Skin regulates our body temperature. It protects us. Skin provides us with our sense of touch.

 SMELL (Bill Nye Series): 30 min, grades 4-8: Humans and other animals use their sense of smell to survive. We smell by detecting tiny amounts of chemicals, using our nose and our brain.

MAGIC SCHOOL BUS MAKES A STINK: DVD & VHS: 30 min, grades 1-3: Topic: Smell: Flora Whiff, the famous expert on smell—whose “nose knows”—comes to school to judge the First Annual Smell Search. Ms. Frizzle’s class creates a unique smell that is bound to take first prize.

SLIP, SLOP, SLAP: 8 min, grades 1-5: This program deals with skin types and the care you should take to help prevent skin cancer.

MAGIC SCHOOL BUS GETS ANTS IN ITS PANTS: DVD & VHS: 30 min, grades 1-3: Topic: Ants: Filming Keesha’s pet ant for a science project fair, the students in Ms. Frizzle’s class take a journey into the lives of ants during which they learn many fascinating facts about the ant community.

SOOPER PUPPY: DRINK, DRANK, DRUNK: 16min, grades 3-5: Illustrates the effects of alcohol on the body and mind. Viewers learn the importance of saying “NO” and of staying away from those who would encourage them to start.

SOOPER PUPPY: PUFF OF SMOKE: 16 min, grades 3-5: Gives children the information they need to say “NO” to smoking. Learn the physical and mental effects of smoking and are taught how to handle pressure and pressure from advertisers.

STAYING SAFE: STRANGERS, CYBERSPACE & MORE DVD: 23 min, grades K-4: Young viewers learn the rules to follow when dealing with other people in the neighborhood, at home and on the Internet. The program provides kids with practical tips to avoid danger and examples of scenarios in which safety rules must be followed.

TOOTH WISDOM: YOUR TEETH & HOW TO TAKE CARE OF THEM: 15 min, grade 2: Losing baby teeth and getting permanent teeth are a part of growing and changing. Now is an important time to learn the benefits of good dental health. Discover the various functions of different kinds of teeth, find out why we lose our baby teeth, learn how dentists and hygienists help care for our teeth, as well as the proper techniques for brushing and flossing.

TOOTH BRUSHING WITH CHARLIE BROWN: 5 min, grades K-5: Charlie Brown shows Linus and Snoopy how to brush. Lucy knows it all (except that Snoopy used her brush!)

WASH THOSE HANDS!: 10 min, grades K-12: Shows how hand washing helps control the spread of illness. Presents concise information about basic personal hygiene, including a look at germs and how they make people sick, an explanation of the benefits of hand washing and guidelines for had washing—
when hands should be washed and the best way to get hands clean. With infectious diseases on the upswing, encourages everyone to think seriously about the simple act of hand washing.

- **WELL, WELL, WELL WITH SLIM GOODBODY:** 15-15 min lessons, grades 1-3: Slim Goodbody explaining and promoting healthy lifestyle choices for primary students. Designed to show students how to protect and maintain their health. Lessons include:
  1. Wellness
  2. Go, Grow, Glow
  3. Food Power
  4. Clean Power
  5. Exercise to Energize
  6. Relax
  7. Feeling Good
  8. Sense
  9. You Are Special
  10. Safety Counts
  11. Play It Safe
  12. Emergencies
  13. Healing Helpers
  14. The Wellness Team

- **WHATSA HYGIENE?:** 18 min, grades 4-6: When members of the band are confronted with a health assignment, they don’t know where to begin. They decide to answer the question “What’sa Hygiene?” with a song. In the course of this entertaining video, they compose words and music that will inspire young viewers to stay clean and healthy. Topics explored include bathing, hand washing, care of teeth, hair and nails, and the importance of clean, neat clothing.

- **WHY CHARLIE BROWN, WHY?:** 30 min, grades 3-5: Deals with how the Peanuts cartoon characters handle it when one of them, Janice, gets cancer.
**LANGUAGE ARTS**

- **ABOUT SCHOOL**: grades K-3: Includes the stories Miss Nelson Has a Field Day by Harry Allard and Owen by Kevin Henkes.

- **AMERICA’S SPECIAL DAYS**: 10-15 min lessons, grades K-3: Designed to support teachers in helping students understand and appreciate why we celebrate certain days called “holidays”. Includes:
  1. New Year’s Day
  2. Martin Luther King Jr/Black History Month
  3. President’s Day
  4. Women’s History Month
  5. Arbor Day/Earth Day
  6. Memorial Day/Veteran’s Day
  7. Flag Day/Citizenship Day
  8. Independence Day
  9. Native American Day
  10. Thanksgiving Day
  11. Labor Day
  12. National Children’s Book Week
  13. Election Day
  14. Groundhog Day
  15. Olympic Games/Special Games
  16. Daylight Savings Time

- **THE BERENSTEIN BEARS: CLASS IS BACK!** DVD, 60 min: Also includes Go to School; Trouble At School; Homework Hassle; Jump Rope Contest; The In Crowd; In the Class is Back!: Too-Tall and the gang amuse themselves at Sister’s expense by warning her how hard third grade will be and how strict Teacher Jane is. Brother tries unsuccessfully to convince Sis not to worry. Mama reminisces about Sister starting kindergarten and reflects on how her daughter’s feelings back then were exactly the same. Sure enough, when Sister starts grade three she enjoys the new experience just like she did when she started kindergarten.

- **BELLE LETTERS STORY SALOON**: 33-15 min lessons, grade 4: Lessons ask whom stories are written about, how settings are established and made believable, how stories are told and why they are written. In addition viewers become acquainted with word choices as they explore dialogue, story action and descriptions. Lessons include:
  1. The Challenge
  2. Is Flyspeck Doomed?
  3. No Backing Out
  4. Ain’t a Lowdown Animal
  5. A Rat or a Skunk
  6. Who’s a Hero
  7. A Set Up
  8. When and Where
  9. Get The Picture
  10. Enter Bad Bart
  11. A Little Bumfuzzled
12. The Plot Thickens
13. Bigger and Uglier
14. Three's the Charm
15. Mumbley Marshall
16. Your Grandma's Apron
17. Where's the Calvary
18. A Real Gentleman
19. A Story To Tell
20. Feel Pretty Silly
21. Bad Bart Strikes Again
22. Wrong Again
23. A Place Far Away
24. Myths, Gables, Insults
25. Pay Attention
26. Escape
27. Fiercely Smart
28. Curtains for Whom?
29. Beware!
30. Tell It Like It Is
31. Dial A What?
32. See Ya'll Again Anyhoo
33. Final Act

• **BEST CHRISTMAS PAGEANT EVER: DVD & VHS** 60 min, grades K-6: Beware the Herdman's! They're the nastiest, dirtiest kids you could ever meet...and they've just decided they belong in this year's pageant. But the town thinks they belong in the care of the local police. When the curtain finally goes up, a miracle begins.

• **BETWEEN THE LIONS: DVD & VHS** 77-30 min lessons, grades K-1: An unusual cast of characters helps transform the sometimes confusing process of learning to read into an entertaining adventure for young children. Lessons include:
  1. Lionel's Great Escape Trick
  2. Humph! Humph! Humph!
  3. The Lucky Duck
  4. The Roar That Makes Them Run
  5. Dreaming Shakespeare
  6. The Good Seed
  7. Why Baboon's Balloon Went Ka-boom
  8. Poetry Day
  9. Zoop! Zoop!
  10. Lionel's Antlers
  11. Quest! Quest! Quest!
  12. Something Fishy
  13. Pandora's Box
  15. The Last Cliff Hangar
16. Peck Of Peppers
17. King & His Hawk
18. Be Bop!
19. Fuzzy Wuzzy Wuzzy?
20. Chap With Caps
21. Farmer Ken’s Puzzle
22. Five, Six And Thistle Sticks
23. Popcorn Popper
24. Bug Beard
25. Sausage Nose
26. Rats
27. Red Hat, Green Hat
28. There’s A Fly In My Soup
29. Icarus’s Wings
30. The Old Man
31. To The Ship! To The Ship!
32. The Chess Mess
33. The Sad Dad
34. The Boy Who Cried Wolf
35. Ram In The Pepper Patch
36. Oh Yes, It Can
37. Trains & Brains & Rainy Plains
38. Pebble Trouble
39. Cickety-Clark, Cickety-Clark
40. But, Mama, But
41. Fox And The Crow
42. Little Big Mouse
43. Pecos Bill Cleans Up The West
44. Tweet! Tweet!
45. Shooting Stars
46. Teacher’s Pet
47. Spider And The Lie
48. Bobby The Hopping Robot
49. Good Night, Knight
50. Piggyback, Piggyback!
51. Giants And Cubs
52. Stop That Chicken!
53. The Hopping Hen
54. The Lost Rock
55. Touching The Moon
56. Hay Day DVD
57. Pigs Aplenty DVD
58. What Parakeets Do DVD
59. Too Cool DVD
60. You Can’t Catch Me! DVD
61. Huff And Puff DVD
62. Out In Outer Space DVD
63. Help! DVD
64. Two Coats, One Goat And One Boat DVD
65. Treats! DVD
66. Art Party DVD
67. Grow, Mane, Grow DVD
68. 3 Goats, No Waiting DVD
69. Step By Step DVD
70. Dance In Smarty Pants DVD
71. Pecos Bill Cleans Up the West: DVD  Also includes Lionel’s Great Escape Trick; Touching the Moon
72. Listen Up!: DVD  Includes Spicy Hot Colors; Yesterday I Had the Blues; Bear Snores On; Night in the Country; Stone Soup; Bee-bim bop!; Violet’s Music; What Instrument Does Alvin Play?
73. Animal Stories (2 copies) DVD: Dear Mr. Blueberry; I Wanna Iguana; Mole and the Baby Bird; Owen & Mzee; Are You a Snail; Wonderful Worms; Trosclair and the Alligator; The Coyote and the Rabbit
74. Fuzzy Wuzzy, Wuzzy? DVD: Also includes The Boy Who Cried Wolf; The Chap with Caps
75. Shooting Stars DVD: Also includes: There’s a Fly in My Soup; Pandora’s Box
76. Get Cooking DVD: Includes: Stop That Pickle!; Chicks and Salsa; Ruby Sings the Blues; The Camel Dances; Making Bread; Cheesybreadville; Bein’ With You This Way; How to Be
77. More Animal Stories DVD: The Problem with Chickens; An Egg is Quiet; Elephants Can Paint Too!; Jamaica Louise James; How to Be a Good Dog; Not Afraid of Dogs, No One Told the Aardvark; Sea Horse

- **BEYOND PHONICS SERIES:** 4- 30 min lessons, grades K-5: Uses stories, songs, video animation and classic children’s literature to make learning to read effective and enjoyable. Lessons include:
  1. Who Were the Fools song, blends, diphthongs, Leroy the Lost story, bossy “r”, oy and oi sounds, silent “e”, digraphs, and 110 most used words.
  2. The World is Round song, capitalization, periods, question marks, commas, quotation marks, plurals, contractions, possessives, abbreviations, What’s New at the Zoo song, oo sounds, “G” sounds, Queen of Status Quo story, “Qu” sound, context, silent letters kn, mb, “ph” as an “f” sound, months and days.
  3. The Lad and the Lion story, double letter words, long words, suffixes, prefixes, suffixes & prefixes together, compound words, Woman of the Islands story, syllables, accent, Donna Downunder story, rule busters, rule buster words.
  4. All You Need Is A Library Card song, reading activities introduction, dinosaurs, whales, reading comprehension, vocabulary words, reading exercises and lesson applications, Treasure Island, Little Women, Huckleberry Finn, Oliver Twist, The Wonderful Wizard of Oz, Robinson Crusoe, conclusion.

- **BOOK BIRD:** 16- 15 min lessons, grade 4: Explore books through narration & lively art work. Lessons include:
  1. Cricket in Times Square
  2. Little House in the Big Woods
  3. A Bear Called Paddington
  4. The Toothpaste Millionaire
  5. Frozen Fire
  6. Along Came a Dog
  7. The Mouse and the Motorcycle
  8. The TV Kid
9. The Wonderful Flight to the Mushroom Planet
10. The Skates of Uncle Richard /The Song of the Trees
11. Striped Ice Cream
12. Race Against Death
13. Misty of Chincoteague
14. Half Magic
15. Caddie Woodlawn
16. Lost in the Barrens

- **A CHRISTMAS CAROL**: 90 min, grades 5-12: A production of Charles Dickens’ classic, filmed live at the Guthrie Theater of Minneapolis. Ebenezer Scrooge learns the true meaning of Christmas from the spirits sent by the ghost of his former business partner.
- **A CHRISTMAS CAROL**: 86 min, grades 6-12: The theme, mood and flavor of Dickens’ Victorian classic are lovingly recreated in this adaptation of the perennial holiday favorite. Alastair Sim stars as the miserly Ebenezer Scrooge, who learns the true meaning of Christmas from the spirits sent by the ghost of his former business partner.
- **CLASSIC FAIRY TALES**: grades K-5: Three richly animated fairy tales by Hans Christian Andersen and Oscar Wilde unfold with enough enchantment, wit and wisdom for children of all ages. Includes The Little Mermaid, The Happy Prince, and The Selfish Giant.
- **CLOUDY WITH A CHANCE OF MEATBALLS**: 13 min, grades K-4: Judi Barrett’s classic tale about the residents of Chewandswallow is brought to life through colorful illustrations by Ron Barrett.
- **COVER TO COVER**: 16-15 min lessons, grades 3-4: Featured stories encompass a wide range of genres and reading levels as well as broad multicultural representation. A program highlights two readings from the selected book with scenes and characters colorfully illustrated by artists and a cliffhanger ending to peak student’s interest and promote reading. Lessons include:
  1. Ralph S. Mouse (Beverly Cleary)
  2. Junie B. Jones and Some Sneaky Peeky Spying and Junie B. Jones and Monkey Business (Barbara Park)
  3. The Year of the Panda (Miriam Schlein) & Dolphin Adventure: A True Story (Wayne Grover)
  4. A Lion to Guard Us (Clyde Robert Bulla)
  5. The Big Wave (Pearl Buck)
  6. Pretty Polly (Dick Kingsmith)
  7. Which Way Freedom? (Joyce Hansen)
  8. The Boys Start the War and The Girls Get Even (Phyllis Reynolds Naylor)
  9. Yang the Youngest and His Terrible Ear (Lensey Namioka)
  10. The Animal, The Vegetable & John D. Jones (Betsy Byars)
  11. Shape-Changer (Bill Brittain)
  12. A Brown Bird Singing (Frances Wosmek)
  13. Goblins in the Castle (Bruce Coville)
  14. The War With Grandpa (Robert Kimmel)
  15. Mayfield Crossing (Vaunda Micheaux Nelson)
  16. Guests (Michael Dorris)
• **CRITTER FRIENDS: LEARNING BY EXAMPLE: DVD** Children will explore and interact with creatures from the land and the sea in a unique animal filled experience that will encourage kids to show kindness to animals, kindness to each other, sharing and friendship. Watch children coo, smile, point, laugh, wiggle and dance as they interact with the other children in the show. Also included is the unique Layer of Learning option that adds social building words to children’s experience.

• **DEAR AMERICA SERIES:** 6-30 min lessons, grades 3-6: A collection of live action programs based on Scholastic’s award-winning book series inspired by the diaries of real girls. Lessons include:
  2. **A Journey to the New World:** By Kathryn Lasky. The Story of Remember Patience Whipple, Plymouth Massachusetts, 1620.
  4. **So Far From Home:** By Barry Denenbery. The Story of Mary Driscoll, An Irish Mill Girl. Lowell Massachusetts, 1847.

• **FAVORITE FAIRY TALES & FABLES SERIES:**
  - **Cinderella:** 11 min: The mean stepmother, lazy stepsisters, beautiful fairy godmother, handsome prince, and lovely Cinderella...In their charming story of a pumpkin carriage, mice and coachmen, and of course the wondrous glass slipper.
  - **Jack and the Beanstalk:** 11 min: “Fee, fi, fo, fum” growls the terrible giant. Jack trembles at the sound, his handful of magic beans has brought him high above the clouds. But watch! The giant sleeps, and Jack takes his harp and his hen that lays golden eggs, and off he runs.
  - **The Magic Pony:** 11 min: He’s ugly with ears like a jack rabbit and two humps on his back like a camel. All in all he’s the strangest looking pony ever seen, but he’s magic. His magic helps his young master, Ivan, find a marvelous sun bird and an enchanted ring for the cruel czar.
  - **Pied Piper of Hamelin (A German Tale):** 11 min: Hamelin is a town overrun with rats. The mayor’s last hope is a wandering minstrel, the Pied Piper, who agrees to rid the town of its rats for a price. The Pied Piper succeeds by luring the rats away with his enchanting music.
  - **Snow White and the Seven Dwarfs:** 11 min: The prideful wicked queen tries to have the “fairest of them all”, Snow White, slain. Our heroine flees into the forest and finds refuge with the lovable dwarfs until she is discovered by the evil queen.

• **FINS, FEATHERS & FUR:** 15-15 min lessons, grades K-3: Various aspects of the writing process. Prewriting, drafting, revising, editing and publishing are shown in this series. Lessons include:
  1. Choosing Your Words
  2. Completing Your Thought
  3. Webbing Your Idea
  4. Writing Your Sentences
  5. Creating Your Sentences
  6. Arranging Your Sentences
  7. Adding To Your Sentences
  8. Your Main Idea
9. Discussing Your Draft
10. Adults Can Help
11. Friends Can Help
12. Editing Your Draft
13. Writing Your Letter
14. Writing Your Poem
15. Writing Your Story

- **FIVE LIONNI CLASSICS:** 5-5 min lessons, grades K-3: Classics are magically brought to life through the animation of Giulio Gianini. Can be programmed as a half-hour special or individually as five 5 minute films. Lessons included:
  1. Swimmmy
  2. Frederick
  3. Cornelius
  4. Fish is Fish
  5. It’s Mine

- **GATHER ROUND:** 16-15 lessons grades K-2: Introduces youngsters to the lively art of storytelling through fairytales, legends and folklore collected from around the world. The series presents classics as well as less frequently heard tales from Africa and Latin America. Lessons include:
  1. The Princess and the Pea
  2. Beauty and the Beast
  3. The Bremen Town Musicians
  4. Puss in Boots
  5. Rapunzel
  6. Kalulu and the Leopard
  7. The Fisherman and His Wife
  8. The Pied Piper of Hamelin
  9. The Frog Prince
  10. The Golden Goose
  11. The Shoemaker and the Elves
  12. The Ugly Duckling
  13. Cinderella
  14. The Brothers and the Singing Toad
  15. The Theft of Fire
  16. Brother Rabbit’s Astonishing Prank

- **GENTLE GIANT:** 17-15 min lessons, grades K-3: Each week the Gentle Giant welcomes his wee guests to his castle for the telling of tales and classic stories from around the world. The series is designed to explore other cultures and to develop listening skills. Lessons include:
  1. City Mouse and Country Mouse
  2. The Magic Walking Stick
  3. The Three Sillies
  4. The Stork
  5. Two Tales from India
  6. Grandfather Frost, Part I
  7. Grandfather Frost, Part II
  8. Grandfather Frost, Part III
9. The Hungry Old Witch
10. The Snow Queen, Part I
11. The Snow Queen, Part II
12. The Snow Queen, Part III
13. The Tooth Fairy is Broke
14. Little Peter’s Tale
15. The Mysterious Fruit Trees
16. To Spring
17. Gulliver’s Travels

• **GHOST WRITER:** 6 Stories. The series features a group of New York City teenagers who solve mysteries with the help of an invisible ghost, who can communicate with the kids only by manipulating whatever text and letters he can find and using them to form words and sentences. Stories include:

1. **Ghost Story:** When Jamal inherits his sister’s computer, he discovers that someone- or something- is trying to communicate with him! Jamal and his friends soon learn that an invisible being, which they call Ghostwriter, is sending them messages that only they can see. When a string of baffling robberies strikes the neighborhood, Ghostwriter helps his new friends crack the robbers’ secret code and solve the crimes.

2. **To Catch a Creep:** Alex is running for class president, but his campaign is set back when malicious fliers revealing embarrassing secrets about him appear in school. The Ghostwriter team goes into high gear. They produce a video to improve Alex’s image and hatch a plan to smoke out the author of the smears.

3. **Into the Comics:** The Ghostwriter team enters a scavenger hunt sponsored by Cosmic Comics. The games turns serious when the kids receive threatening letters and discover that someone is trying to make sure that they won’t win the race. Can Ghostwriter and the team unmask the cheater in time?

4. **Over a Barrel:** A mysterious illness sweeps the neighborhood. The Ghostwriter team investigates and discovers that barrels of toxic waste buried in the community garden are to blame. Join Ghostwriter and his friends as they set off on a campaign to protect the neighborhood and track down an unscrupulous polluter.

5. **Building Bridges:** The school talent show is about to be cancelled because of vandalism. Suspicion falls on rising track star Victor Torres, a former street gang member. While the Ghostwriter team circulates petitions to save the talent show, Rob blunders into a perilous confrontation with the gang when he sets out to prove Victor’s innocence.

6. **A Crime of Two Cities:** What starts out as an easygoing vacation for Jamal and his family (and Ghostwriter!) in London turns deadly serious when Jamal accidentally stumbles on a kidnapping plot. A secret code, a children’s book series, and a newspaper advertisement offer critical clues in this spine-tingling mystery. Ghostwriter provides the trans-Atlantic link between Jamal in London and the team of super-sleuths in Brooklyn.

• **GRAMMAR FOR CHILDREN SERIES:** 5-23 min lessons, grades K-4: Using stories and letters submitted by children from across the country, editors of the magazine Wordwork attempt to solve the riddles of the English language by cracking the complex code of nouns, verbs, descriptive words & phrases, punctuation, and sentences. Lessons include:

1. Descriptive Words & Phrases
2. Nouns
3. Punctuation
4. Sentences
5. **Verbs**

- **GRAMMAR ROCK** *(School House Rock Series)* **DVD & VHS**: 30 min, grades 2-5: Charming memorable songs teach your students the basics of grammar. Some of the wonderful tunes include “Unpack your Adjectives”, “Conjunction Junction”, “Verb, That’s What’s Happening”, “A Noun is a Person, Place or Thing”, and “Busy Prepositions”.

- **GREATEST AMERICAN TALL TALES & LEGENDS DVD**: This is an animated 10 part series that cleverly captures the humor and relevance of the folklore tradition. Throughout American history, people have written and told humorous stories of larger-than-life fictional and legendary heroes from across the country. Featuring exaggerated characters, embellished details, unique problems and challenges, and often outlandish solutions, tall tales and legends are constantly evolving as they are passed on from generation to generation. Lessons include:
  1. Annie Oakley
  2. Creating A Tall Tale
  3. Davy Crockett
  4. John Henry
  5. Johnny Appleseed
  6. Mose Humphreys
  7. Old Stormalong
  8. Paul Bunyan
  9. Pecos Bill
  10. Regional Tall Tales

- **GREEK MYTHOLOGY FOR STUDENTS**: 10-23 min lessons, grades 4-8: An Animated video series that captures the wealth of compelling stories that the Ancient Greeks created to explain the mysteries and complexities of the world around them. These myths were embellished and changed by storytellers over time to include the legends of heroes, monsters and God that continue to fascinate and inspire us today. Lessons include:
  1. Constellation Myths
  2. Defying The Gods
  3. Gods of Olympus
  4. Jason & the Golden Fleece
  5. Journeys of Odysseus
  6. Labors of Heracles
  7. Nature Myths
  8. Perseus & Medusa
  9. Theseus & The Minotaur
  10. The Trojan War

- **HOBOKEN CHICKEN EMERGENCY**: 60 min, grades K-5: When the Bobowicz family asked their son Arthur to pick up a turkey for Thanksgiving, they weren’t expecting him to bring home a 266 pound live chicken named Henrietta!

- **HOME AT LAST**: 60 min, grades 4-8: Billy, a streetwise kid from New York City, is sent to Nebraska and is taken in by a Swedish farm family. Initially fearful and resentful, Billy doesn’t fit in and he clashes with his new family and adoptive father. Not until a terrible crisis occurs does Billy realize that for the first time in his life, he truly belongs and is “Home At Last”.
• **I-LAND TREASURE:** 15-15min lessons, grade K: The programs give children practice in listening for sounds, listening for the placement of sounds, and in imitating sounds. An extensive set of suggested classroom activities is available for use with the series and is included with the teachers guide. Lessons include:
  1. Awareness of Child’s Perceptual Powers
  2. Awareness of Child’s Environment
  3. Discrimination and Serration
  4. Association and Discrimination
  5. Association
  6. “S” Sound
  7. “M” Sound
  8. “F” Sound
  9. “P” Sound
  10. “L” Sound
  11. Memory, Part I
  12. Memory, Part II
  13. Listening, Discrimination, Association, Memory, Description, Part I
  14. Listening, Discrimination, Association, Memory, Description, Part II
  15. Listening, Discrimination, Association, Memory, Description, Part III

• **JOHN HENRY:** 20 min, grades K-4: By Julius Lester, this story tells of the legendary contest to the death between a spirited man with a hammer and a steam drill to build a tunnel through the Allegheny Mountains of West Virginia.

• **JOHNNY APPLESEED:** 18 min, grades K-5: John Chapman was his real name, but almost everyone remembers him by his legendary name- Johnny Appleseed- the man who sprinkled apple seeds & planted trees all across the Midwest. His legacy remains strong today- not only for his botanical achievements, but also for the stories that he shared with children, presented here at their very best in verse & art. Narrated by Mary McDonnell with music by Randy Scuggs.

• **JOHNNY TREMAIN:** 80 min, grade 8: An introduction of the people, events and origins of the Revolutionary War. This tape is to accompany the book read in Middle School.

• **KING SOLOMON’S MINES:** 50 min, grades 3-7: Adventure and excitement as an unlikely trio land a safari into darkest Africa in search of ancient treasure-filled diamond mines. The H. Rider Haggard classic in animation.

• **LAND IN LITERATURE:** 31-15 min lessons, grade 3: The title has two meanings. “Land” refers to the many different, unusual settings in the features books, and “Land in Literature” is an invitation to students to immerse themselves in books. Lessons include:
  1. Alexander and the Terrible Horrible No Good Very Bad Day
  2. You Look Ridiculous Said the Rhinoceros to the Hippopotamus
  3. My Mother is the Most Beautiful Woman in the World
  4. McBroom Tells the Truth
  5. Why Mosquitoes Buzz in People’s Ears
  6. The Witch Who Wasn’t
  7. Annie and the Old One
  8. Franklin Stein
  9. Everyone Knows What a Dragon Looks Like
  10. The Endless Pavement
11. The Gnats of Knotty Pine
12. A Certain Small Shepherd
13. Tom Tit Tot
14. The Practical Princess
15. Where The Sidewalk Ends
16. Emily and the Klunky Baby and the Next Door Dog
17. A Story – A Story
18. The Terrible Thing That Happened at Our House
19. And Then What Happened, Paul Revere?
20. The Mayo Brothers
21. Carp in the Bathtub
22. One Bad Thing About Father
23. King George’s Head
24. Hailstones and Halibut Bones
25. The Bremen Town Musicians
26. Song of the Empty Bottles
27. Everybody Needs a Rock
28. Pocketful of Cricket
29. Mississippi Possum
30. Agent K-13 Super Spy
31. Winnie-The-Pooh

**LEAP FROG SERIES:**

1. Learn to Read at the Storybook Factory: Ages 3-6; 35 min: When Mr. Websley builds a Storybook Factory to create talking storybooks, Leap, Lily and their friends act out “The Three Little Pigs”, while professor Quigley captures the scenes and words for the book! As narrator, Tad learns chunking and inflection and gains reading confidence. Children develop confidence along with him, reading highlighted text that appears during the scenes. Join this magical adventure and build a lifelong love of reading! Ready for school skills: love of reading, chunking, matching written and spoken words, punctuation, story comprehension, understanding character and plot.

2. Talking Words Factory: 35 min, ages 3-6: Leap, Lily and Tad journey to the word factory where the Word Whammer, Sticky-Ick-O-Rama and more amazing machines take letters and make them into words. Humorous rhyming songs and an out-of-control word machine add to the fun.

3. Talking Words Factory Part 2: Code Word Caper: ages 3-6, 30 min: when Mr. Websley is accidentally silenced by the Silent E Machine, Leap, Lily and Tad must journey throughout the Complex Word Complex to solve the code needed to return his voice. Guided only by the “Absent Professor Device” the kids learn how to build the complex words needed to solve the code and save the day. Humorous songs add to the fun and help teach the rules for advanced word building. Teaches silent E, long vowel sounds, consonant blends, vowel blends, word building.

4. Math Circus: 3-6 years, 35 min: Step right up to the Math Circus! Watch the Wuidget Family and the Subtractobats perform high-flying feats of mathematics! In this astounding story, Leap, Lily, Tad and wacky Professor Quigley train numbers to count, add and subtract in a series of amazing circus acts. Numbers and Quidgets fly from trampolines, trapezes and cannons as they teach early mathematical concepts. As with all LeapFrog DVDs, humorous songs add to the fun and help reinforce educational concepts.

5. Math Adventure to the Moon: ages 3-6 years, 36 min: Tad and Lily need the perfect collection of things to take to school for their math assignment. When they finally decide on moon rocks, there’s just one
problem—how will they get them? With some magical help from their firefly friend, Edison, they board a rocket ship to start their quest. Soon the twins learn that math is everywhere, even in outer space! Watch as they use their skills in counting, sorting, skip counting and recognizing patterns to overcome obstacles, find new friends and make the trip back to Earth!

6. **A Tad of Christmas Cheer** 48 min: It’s Christmas Eve and everyone in the Frog Family is busy getting ready to celebrate the holidays and the arrival of a new baby! Tad is more excited than anyone, but all of the attention is being given to the new arrival. Then a “magical fairy god-­bug” arrives and takes Tad on a journey through a world in which he never existed. Tad gains a new appreciation and love for everyone in his family. But will he make it home in time for Christmas? Encourages empathy, self awareness, self confidence and responsibility.

7. **Letter Factory** 35 min: LeapFrog characters spring to life in this engaging and educational video. Popular LeapFrog characters, Leap, Lily and Tad go on a wild adventure to the Letter Factory. Led by wacky Professor Quigley, Tad joins Js jumping on trampolines and Ks practicing karate kicks as new letters learn their sounds. Fun songs will have kids singing letter sounds in no time.

8. **Let’s Go to School** ages 3-6 years, 35 min: School starts tomorrow, and Tad and Lily are nervous! Join Tad, Lily and their magical firefly Edison as he gives them a tour of the classroom and shows them that the classroom is more nervous than they are! As the twins reassure the blocks, globe, clock and more talking “teachers”, they learn the key lessons about phonics, counting, days of the week and animals.

**LEARNING TO READ WITH READ-ALEE-DEED-ALEE:** 16-15 min lessons, grades K-1: An early reading series designed to introduce young children to the alphabet and to related sounds and rhyming patterns that unlock words and the meaning of words. The programs will enable students to recognize and use the letters and sounds of the alphabet, identify a set of basic sound-spelling patterns, appreciate that written language is made up of these patterns, use the patterns to unlock words and participate in written language, and understand the power of the fluent use of written language. Lessons include:

1. Can’t Stop the Pop
2. A Ball in the Mall
3. The Lost and Found
4. Bake the Cake
5. The Deep Sleep
6. A Race in Space
7. A Day on the bay
8. Valentine: Be Mine
9. My Wet Pet
10. A Balloon at Noon
11. The Cub in the Tub
12. More at the Core
13. The Cold Gold
14. Dirt On My Shirt
15. The Hot Dot
16. For Teacher/Parent: We Consult the Adult

**THE LEGEND OF THE BLUEBONNET:** 20 min, grades K-5: Based on the book by Tomie dePaola. A live action program about a girl who gives away what is most important to her so that others can eat.

**THE LEGEND OF SLEEPY HOLLOW:** 49 min, grades K-8: When the bumbling schoolmaster, Ichabod Crane falls in love with the wealthy Katrina, rival suitor Brom Bones frightens the superstitious Ichabod with a spirited tale about “The Headless Horseman”.

**LETTER TV SERIES:** 51-5 min lessons, grades K-1: Build skills and excitement for reading with this witty new series for emergent readers! Letter TV is a collection of five minute programs that build basic phonemic elements and models reading in context. Visit the Letter TV web site at [www.lettertv.net](http://www.lettertv.net) for free access to the teacher’s guide, standards correlations, and on-line learning activities for kids. Lessons include:

1. M
2. T
3. D
4. H
5. N
6. B
7. A
8. Homophones, Part I
9. Homophones, Part II
10. Z
11. P
12. S
13. E
14. I
15. O
16. U
17. V
18. L
19. F
20. G
21. C
22. K
23. W
24. Silent E
25. When two vowels go walking part 1
26. When two vowels go walking part 2
27. NG
28. CI
29. SK
30. Final Y
31. R
32. Bossy R
33. Vowels at the end
34. X
35. Q
36. Irregular Plurals
37. CH
38. TH
39. WH
40. SH
41. SL
52. ST
53. BR
54. CR
55. Diphthongs, Part 1
56. Diphthongs, Part 2
57. Long & Short
58. Alternate sounds of A
59. SP
60. NT

- **LIFE ON THE MISSISSIPPI:** 115 min, grades 7-12: The glorious, golden days of riverboats in the 1850’s come to life in this tale based on Twain’s own experiences before the Civil War. Robert Lansing as veteran riverboat pilot Horace Bixby of the Paul Jones who gave young Sam the chance of a lifetime when he takes him on as an apprentice. But the apprenticeship is an arduous one: Sam faces several emotionally charged, life or death tests that pit him against the unpredictable river and his own untested emotions.

- **THE LIGHT IN THE FOREST:** 92 min, grades 6-8: The year is 1764 when a peace treaty between the Delaware Indians and the British requires that all white captives be returned to their people. Johnny Butler kidnapped by the tribe when he was a child and renamed True Son is forced against his will to return to his white family in Pennsylvania. His escort, frontiersman Del Hardy and Shenandoah, a beautiful servant girl try to help the boy adjust to his new way of life. But the white man’s injustice and cruelty drive him back to the Delawares where even greater dangers await him!

- **THE LITTLE ENGINE THAT COULD:** 11min: This delightful animated film is based on the children’s classic which tells of the little engine that pulled a train load of toys to the children on the other side of the mountain. Teaches that there are many things anyone can do if people only say “I think I can!”

- **MADELINE:** 7 min: Irrepressible Madeline, creation of humorist-illustrator Ludwig Bemelmans, embarks on another adventure. The little French girl makes a triumphant trip to the hospital to have her appendix removed and manages to arouse the envy of all her classmates.

- **THE MIRACLE WORKER:** 107 min, grades 6-12: Annie Sullivan, a determined teacher, helps the blind, deaf and mute Helen Keller overcome her seemingly insurmountable disabilities. The drama of their struggle and relationship can be used to stimulate discussion on the needs of the handicapped, perseverance, caring, education and the nature of human communication.

- **MOLLY’S PILGRIM:** 24 min, grades K-4: This program is based upon the book by Barbara Cohen. Molly, a young Russian-Jewish emigrant, learns about the first Thanksgiving while teaching her classmates about modern day pilgrims.

- **THE NIGHTENGALE:** 16 min: This enchanting new adaptation of Hans Christian Andersen’s classic story of the Emperor who finds a treasure in his own garden, the nightingale, whose sweet music brings him joy. He replaces it with a jewel-encrusted mechanical bird.

- **ONCE UPON A TIME: DVD & VHS,** 33-15 min, grade K. While developing reading skills, this series brings to the child some of the best examples of creative writing.
  1. Gingerbread Boy
  2. Cock, Mouse and Little Red Hen
  3. Katy No-Pocket
  4. Wait for William
  5. Mousekin’s Golden House
6. Make Way for Ducklings
7. Humbug Witch
8. Madeline’s Rescue
9. Benjie
10. Curious George Gets a Medal
11. Ten Big farms
12. On Christmas Eve
13. The Shoemaker and the Elves
14. Katy and the Big Snow
15. The Snowy Day
16. The Summer Snowman
17. Ira Sleeps Over
18. Jimmy and Joe Find a Ghost
19. A Weed is a Flower
20. Don’t Count Your Chicks
21. The Paper Party
22. There’s No Such Thing as a Dragon
23. Tim Tadpole and the Great Bullfrog
24. Hi, Mister Robin
25. The Country Bunny and the Little Gold Shoes
26. Maxie
27. Horton Hatches the Egg
28. A Giraffe and a Half
29. Tale of Peter Rabbit
30. Mop Top
31. Lonesome Little Colt
32. Stone Soup

- **OPUS N’ BILL A WISH FOR WINGS THAT WORK:** DVD: 24 min; Take your family to Bloom County, a whimsical, wacky cartoon treat that’s as funny for grownups as it is fun for kids! From Pulitzer Prize-winning author/artist Berkeley Breathed, it’s a merry, madcap romp with Opus the earthbound penguin and his brain-fried feline cohort, Bill. Wrestling with an unfulfilled wish to soar through the air like any other self-respecting bird, the plucky penguin decides there’s only one person who can make his aeronautic dream come true: Father Christmas. Bill the Cat coughs up a wild idea that just may bring a holiday miracle, but when ol’ St. Nick finds himself in hot water on December 24th, the fate of Christmas itself suddenly depends on the kind of heroism that only comes in a penguin-sized package! Will Opus come to the rescue and learn the value of being true to oneself?

- **POETRY - CAPTURING THE MOMENT WITH US POET LAUREATE TED KOOSER & FRIENDS**
  DVD: Nebraskan Ted Kooser, the 13th US Poet Laureate, shows us the beauty in the ordinary through his poetry. This educational DVD provides multiple venues for educators, students, and all of us to experience poetry in an everyday way.

- **PUMPKIN CIRCLE: THE STORY OF A GARDEN** VHS & DVD: 20 min, grades K-6: Danny Glover narrates this story about life in a pumpkin patch in this presentation of the book by George Levenson.

- **READ ON FROM COVER TO COVER:** 16-15 min lessons, grades 4-5: John Robbins will introduce sixteen new books chosen to broaden each student’s reading abilities, experience and appreciation for reading. Lessons include:
1. McMummy
2. Number the Stars
3. Strider
4. Sing Down the Moon
5. Me, Mop and the Moondance kid
6. A Jar of Dreams
7. Knights of the Kitchen Table; The Not-So-Jolly Roger
8. Teacher’s Pet; Atta boy Sam
9. El Guero
10. On the Banks of Plum Creek
11. Chevrolet Saturdays
12. Pigs Might Fly
13. Hatchel; Hay Meadow
14. Daphne’s Book
15. Dragonwings
16. Shades of gray

**READING FOR CHILDREN SERIES:** 3-23 min lessons, grades K-4: Join the radio hosts of WORD as they share the joy of the written word, while exploring strategies that can help them become better readers. Lessons include:
1. Identifying Words
2. Identifying Letters & Sounds
3. Reading Comprehension

**READING RAINBOW: DVD & VHS:** Reading Rainbow is a children’s series designed to promote reading comprehension in elementary school age children. Host LeVar Burton introduces the theme of the episode and the book to be profiled in an animated story using the illustrations from the book and narrated by a celebrity. After the story is finished, feature stories in the same subject as the book are profiled, and youth reviewers give critiques of three additional books. LeVar usually introduces the children critics by saying, "but you don’t have to take my word for it..." Lessons include:
1. Mystery on the Docks by Thacher Hurd
2. A Chair For My Mother by Vera B. Williams
3. Paul Bunyan retold by Steven Kellogg
4. The Patchwork Quilt by Valerie Flournoy
5. Watch The Stars Come Out by Riki Levinson
6. Hill of Fire by Thomas P. Lewis
7. Animal Café by John Stadler
8. Alistair in Outer Space by Marilyn Sadler
9. Feelings by Aliki
10. The Lotus Seed by Sherry Garland
11. Mama Don’t Allow by Thacher Hurd
12. Space Case by Edward Marshall
13. The Milk Makers by Gail Gibbons
14. Imogene’s Antlers by David Small
15. Germs Make Me Sick by Melvin Berger
16. Abiyoyo by Pete Seeger
17. The Life Cycle of the Honeybee by Paula Z. Hogan
18. Gila Monsters Meet You At The Airport by Marjorie Weinman Shamat
19. Chicken’s Aren’t the Only Ones by Ruth Heller
20. The Runaway Duck by David Lyon
21. A Three Hat Day by Laura Geringer
22. Rumpelstiltskin retold by Paul O. Zelinsky
23. Best Friends by Steven Kellogg
24. Meanwhile Back At The Ranch by Trinka Hakes Noble
25. The Legend of the Indian Paintbrush by Tomie dePaola
26. My Little Island by Frane Lessac
27. The Bionic Bunny Show by Marc Brown
28. Bugs by Nancy Winslow Parker & Joan Richards Wright
29. The Robbery at the Diamond Dong Diner by Eileen Christelow
30. The Gift of the Sacred Dog by Paul Goble
31. Brush by Pere Calders
32. The Purple Coat by Amy Hest
33. Barn Dance by Bill Martin Jr. & John Archambault
34. Duncan and Dolores by Barbara Samuels
35. Knots on a Counting Rope by Bill Martin Jr. & John Archambault
36. Mummies Made in Egypt by Aliki
37. Humphrey the Lost Whale: A True Story by Wendy Tokuda & Richard Hall
38. Stay Away From the Junkyard by Tricia Tusa
39. Little Nino’s Pizza by Karen Barbour
40. Dinosaur Bob & His Adventures With the Family Lazardo by William Joyce
41. Dive to The Coral Reefs by Elizabeth Taynton, Paul Erickson, Less Kaufman
42. Desert Giant: The World of the Saguaro’s Cactus by Barbara Bash
43. Tooth-Gnasher Superflash by Daniel Pinkwater
44. Bored—Nothing to Do! By Peter Spier
45. Mrs. Katz & Tush by Patricia Polacco
46. Sports Pages by Arnold Adoff
47. Jack, the Seal & the Sea by Gerald Aschenbrenner
48. The Bicycle Man by Allen Say
49. Florence & Eric Take the Cake by Jocelyn Wild
50. Paper Crane By Molly Bang
51. Sunken Treasure by Gail Gibbons
52. The Adventures of Taxi Dog by Debra & Sal Barracca
53. Galimoto by Karen Lynn Williams
54. Fox on the Job by James Marshall
55. Opt: An Illusionary Tale by Arlene & Joseph Baum
56. Raccoons & Ripe Corn by Jim Arnosky
57. Kate Shelley & The Midnight Express by Margaret K. Wetterer
58. Snowy Day: Stories & Poems edited by Caroline Feller Bauer
59. Tar Beach by Faith Ringold
60. The Wall by Eve Bunting
61. Sam the Sea Cow by Francine Jacobs
62. Rechenka’s Eggs by Patricia Polacco
63. Sophie & Lou by Petra Mathers
64. Come a Tide by George Ella Lyon
65. The Piggy in the Puddle by Charlotte Pomerantz
66. Seahorse Surprises by Rose Wyler
67. Through Moon & Stars & Night Skies by Ann Turner
68. Berloiz the bear by Jan Brett
69. The Furry News: How to Make a Newspaper by Loreen Leedy
70. Borreguita & the Coyote by Verna Aardema
71. The Salamander Room by Anne Mazer
72. Silent Lotus by Jeanne M. Lee
73. If You Give a Mouse a Cookie by Laura Joffe Numeroff
74. Is This A House for Hermit Crab? By Megan McDonald
75. Liang & The Magic Paintbrush by Demi
76. And Still the Turtle Watched by Sheila MacGill-Callahan
77. June 29, 1999 by David Wiesner
78. Nosey Mrs. Rat by Jeffrey Allen
79. Summer by Ron Hirschi
80. Once There Was A Tree by Natalia Romanova
81. Appelemando’s Dreams by Patricia Polacco
82. Hail to Mail by Samuel Marshak
83. Stellaluna by Janell Cannon
84. My Shadow by Robert Louis Stevenson
85. The Wonderful Towers of Watts by Patricia Zelver
86. Martha Speaks by Susan Meddaugh
87. Alejanderto’s gifts by Richard E. Albert
88. The Sign Painter’s Dream by Roger Roth
89. Archibald Frisby by Michael Chesworth
90. Mufaro’s Beautiful Daughters by John Steptoe
91. Fly Away Home by Eve Bunting
92. Uncle Jed’s Barbershop by Margaree King Mitchell
93. How to Make An Apple Pie & See The World by Marjorie Priceman
94. Owen by Kevin Henkes
95. Follow the Drinking Gourd by Jeanette Winter
96. How Much Is A Million? By David M. Schwartz
97. Always My Dad by Sharon Dennis Wyeth
98. Bread Is For Eating by David & Phyllis Gershator
99. Hotel Animal by Keith Duquette & Istran Banyai
100. Someplace Else by Carol P. Saul
101. Zin! Zin! Zin! By Lloyd Moss
102. Hip Cat by Jonathan London
103. Regina’s Big Mistake by Mariisa Moss
104. Giving Thanks: A Native American Good Morning Message by Chief Jake Swamp
105. The Carousel by Liz Rosenberg
106. Math Cure by John Scieszka
107. My Life With The Wave by Octavio Paz
108. Saturday Sancocho by Leyla Tores
109. Worksong by Gary Paulsen
112. The Shaman’s Apprentice by Lynne Cherry & Mark J. Photkin
113. Pet Stories: You Don’t Have To Walk by Marc Brown, Syd Hoff, Cynthia Rylant
114. Lemonade For Sale by Tricia Tusa, Stuart Murphy
115. Ruth Law Thrills A Nation by Don Brown
116. The Secret Shortcut by Mark Teague
117. My America: A Poetry Atlas of the United States by Lee Bennett Hopkins
118. Badger’s Parting Gifts by Susan Varley
119. The Tin Forest by Helen Ward
120. Max by Bob Graham
121. Enemy Pie by Derek Munson
122. Our Big Home: An Earth Poem by Linda Glaser
123. Gregory, the Terrible Eater by Mitchell Shamat
124. Three By The Sea by Edward Marshall
125. The Day Jimmy’s Boa Ate the Wash by Trinka Hakes Noble
126. Simon’s Book by Henrik Drescher
127. Ox-cart Man by Donald Hall
128. Keep the Lights Burning Abbie By Peter & Connie Roop
129. Digging Up Dinosaur by Aliki
130. 3 Days On A River In A Red Canoe by Vera B. Williams
131. Bringing The Rain To Kapiti Plain by Verna Aardema
132. Louis The Fish by Arthur Yorinks
133. Visiting Day By Jacqueline Woodson
134. Unique Monique By Maria Rousaki
135. Mr. George Baker Amy Hest
136. Beegu by Alexis Deacon
137. Two Old Potatoes and Me By John Coy

- **READY FOR PHONICS SERIES: 4- 30 min, grades Pre K-2:** Familiar fables with endearing characters come to life through video animation. Music and songs combine with sound teaching methods to make learning to read fun for children. Lessons include:
  1. Musical Alphabet Review: 3 little Pigs, sounds of Pp, Cc, Kk, Nn, and Ii. The Little Red Hen, Sounds of Hh, Jj, Bb, Ll, and Aa. The three Billy Goats Gruff, sounds of Gg, Dd, Ff, Mm, and Oo.
  2. Little Red Riding Hood sounds of Rr, Qq, Zz, Vv, Yy, and Uu. The Shoemaker and the Elves, sounds of Ss, Ww, Tt, Ee, and Xx. Sight words, numbers song, words for numbers, words for colors.
  3. Long vowels, short vowels, short vowel story, “Y” as a vowel, word families, 110 most used words.
  4. The World is Round song, capitalization, periods and question marks, plural “s”, silent “e”, side by side vowels, blends, digraphs, bossy “r”.

- **REVERSE THE CURSE: 33- 15 min lessons, grade 5:** Reverse the Curse is set among the Egyptian pyramids. Lessons encourage student reading and creative expression while presenting basic literary principles such as character, style, plot and theme. Lessons include:
  1. Oral vs. written
  2. Plot: Problem, Solution
  3. Plot: Order
  4. Plot: Different Order
  5. Plot: More Different Orders
  6. Theme
7. Theme: Perspective
8. Theme: Descriptive
9. Summary of Plot & Theme
10. Main Character
11. Foil
12. Character Types
13. Unique Characters
14. Unique Characters: Animals
15. Summary of Character
16. Setting
17. Setting: Time Past
18. Setting: Time Future
19. Setting: Time Present
20. Setting: Culture
21. Summary of Setting
22. Style
23. Style: Word Choice
24. Style: Mood
25. Style: Point of View
26. Poetry
27. Drama
28. Information Books
29. Summary of Style
30. Summary: Oral
31. Summary: Written
32. Summary: Poetry
33. Summary: Drama

- **RIKKI TIKKI TAVI**: grades K-4: Story by Rudyard Kipling, the efforts of a frisky mongoose sworn to defend his adopted family from a garden full of cobras.

- **SCHOLASTIC HOLIDAY COLLECTION**: 14-10 min lessons, grades K-2. Lessons Include:
  1. Night Before Christmas by Clement Clarke Moore [VHS & DVD]
  2. Max’s Christmas by Rosemary Wells
  3. Morris’s Disappearing Bag by Rosemary Wells
  4. Owl Moon
  5. Giving Thanks by Jake Swamp
  6. Star Spangled Banner by Peter Spier
  7. Seven Candles of Kwanzaa by Andrea Davis

- **SCHOLASTIC VIDEO COLLECTION**: grades K-4: Video adaptations of award winning, classic children’s picture books. Beloved stories come alive in a celebration of friendship, learning and growing up. Lessons include:
  1. Maurice Sendak Library: [VHS & DVD]
     - The Nutshell Kids
     - Where the Wild Things Are
     - In The Kitchen
     - Getting to Know Maurice Sendak
2. **Chicka Chicka Boom Boom**:  
   Trashy Town  
   Rosie’s Walk  
   The Caterpillar and the Pollywog

3. **Kevin Henkes Stories: VHS & DVD**  
   Chrysanthemum  
   Owen  
   A Weekend with Wendell

4. **Harold and the Purple Crayon: VHS & DVD**  
   A Picture for Harold’s Room  
   Harold’s Fairy Tale

5. **Miss Nelson Has A Field Day: VHS & DVD**  
   Miss Nelson Is Back

6. **William Steig Stories: VHS & DVD**  
   Pete’s a Pizza  
   Doctor De Soto  
   The Amazing Bone

7. **Click, Clack Moo, Cows That Type: VHS & DVD**  
   The Day Jimmy’s Boa Ate The Wash  
   The Pigs’ Wedding

8. **Good Night Gorilla:**  
   How Do Dinosaurs Say Good Night?  
   Happy Birthday Moon  
   The Napping House

9. **Harry The Dirty Dog: VHS & DVD**  
   Officer Buckle & Gloria  
   Angus and the Ducks

10. **Ezra Jack Keats Stories: VHS & DVD**  
    The Snowy Day  
    Whistle for Willie  
    Peter’s Chair  
    Pet Show

11. **Max’s Chocolate Chicken: VHS & DVD**  
    Each Peach Pear Plum  
    Picnic  
    The Circus Baby

12. **The Day Jimmy’s Boa Ate The Wash DVD & VHS:**  
    Wings: A Tale of Two Chickens; Morris’s Disappearing Bag  
    Doctor De Soto

13. **The Amazing Bone:**  
    John Brown, Rose & Midnight Cat  
    A Picture for Harold’s Room  
    The Trip

14. **Corduroy: VHS & DVD**  
    Here Comes the Cat

15. **Is Your Mama A Llama?:**  
    Leo the Late Bloomer  
    Elizabethi’s Doll  
    Goose
16. **Curious George Rides A Bike:** VHS & DVD
   - Great White Man Eating Shark
   - Flossie and the Fox
17. **Make Way For Ducklings:**
   - Blueberries for Sal
   - Time of Wonder
18. **Strega Nona:**
   - Joseph Had a Little Overcoat
   - Stone Soup
19. **There Was An Old Lady Who Swallowed A Fly:**
   - Antarctic Antics
   - Musical Max
20. **How Do Dinosaurs Say Good Night?:** VHS & DVD
   - In the Small, Small Pond
   - Zin! Zin! Zin!
   - All the Colors of the Earth
21. **Teacher From The Black Lagoon:** VHS & DVD
   - What’s Under My Bed?
   - By The Light of the Halloween Moon
   - The Three Robbers
22. **Why Mosquitoes Buzz in People’s Ears:** VHS & DVD
   - A Story, A Story
   - Who’s In Rabbit’s House?
23. **The Emperor’s New Clothes:**
   - The Ugly Duckling
   - The Swineherd
24. **Tikki Tikki Tembo:** VHS & DVD
   - Hot Hippo
   - The Tender Tale of Cinderella   Penguin
25. **Wheels On The Bus:**
   - Dem bones
   - Over in the Meadow
   - I Know an Old Lady Who Swallowed a Fly
26. **Bear Snores On:**
   - Waiting for Wings
   - Come on, Rain
27. **Danny & The Dinosaur:**
   - The Island of the Skog
   - The Beast of Monsier Racine
28. **Swimmy & More Classic Leo Lionni Stories:** DVD only
   - Swimmy
   - Frederick
   - Fish Is Fish
   - It’s Mine
   - Cornelius
29. **Little Red Riding Hood & More James Marshall Fairy Tale Favorites:**
Goldilocks & the Three Bears
The Three Little Pigs

30. **Diary of a Worm:** DVD only
   - Anatole
   - Frog Goes to Dinner
   - I Lost My Bear

31. **The Scrambled States of America...and more stories to celebrate our country:** VHS & DVD (65 min):
   All 50 states go to a party. At the party, they decide to switch places so they can see a new part of America. What will happen when all the states are scrambled? Also includes: This Land is Your Land: America’s favorite folk song sung by Arlo Guthrie takes you across our great country and show how this land was made for you and me; The Star-Spangled Banner: Featuring Aretha Franklin’s soulful, heartfelt voice, our flag’s broad stripes and bright stars shine in the moving rendition of our national anthem. John Henry; Johnny Appleseed

32. **March On! The Day My Brother Martin Changed the World and more stories about African American History:** DVD only (69 min):
   - Martin Luther King Jr.’s sister travels back to 1963 to present a personal, stirring account of the remarkable day when Dr. King delivered his “I Have a Dream” speech; Rosa On December 1, 1955, Rosa Parks boarded a Montgomery, Alabama city bus and refused to give up her seat to a white man, an act that ignited a revolution and changed history; Martin’s Big Words: Featuring quotes from some of his beloved speeches, Dr. Martin Luther King Jr. comes to life in this profound and important biography about beliefs and dreams and following one’s heart.; Henry’s Freedom Box: A True Story from the Underground Railroad: The powerful true story of a young slave who mails himself to freedom

33. **So You Want to Be President? and more stories to celebrate American History:** DVD only (76 min):
   - So You Want to Be President? Celebrate American history and learn about the public and private lives of our Presidents; Madam President: A little girl imagines what her day would be like if she were Madam President; My Senator and Me: A Dog’s-Eye View of Washington, D.C.: Senator Ted Kennedy and his dog, Splash, invite children on a typical whirlwind day on Capitol Hill; I Could Do That!: Esther Morris Gets Women the Vote: The true story of Esther Morris, who started out life believing she could do anything, and then proved it!

34. **Chicka Chicka 1-2-3 and more counting fun** DVD (69 min): Chicka Chicka 1,2,3; How Much is a Million?: Emily’s First 100 Days of School; If you Made a Million

35. **Sylvester and the Magic Pebble and more magical tales** DVD (58 min): Sylvester finds a magic pebble that can make wishes come true. But when a lion frightens him on his way home, he makes a wish that brings unexpected results; Possum Magic: Grandma Poss needs a certain food for a magical mix that will make Hush visible again. The two set out on a journey to find the magic ingredient, but will they ever find what they are looking for?; Princess Furball: A cruel king intends to marry his daughter to an ogre in exchange for wagons full of silver. When the princess learns of her father’s plan, she is horrified. Can the princess escape her terrible fate?; The Wizard

36. **Bear Snores On:** DVD, 8 min; Snore along with Bear as he sleeps and his friends drop by to warm up, brew tea & pop corn. When Bear wakes up to find his den full of celebrating critters...the fun begins.

37. **Diary of a Worm:** DVD, 10 min: Meet a worm not that different from you or me, except that his head looks a lot like his tail! A funny journal about the daily doings and the hidden world of a lovable underground dweller.

38. **The Dot:** DVD, 8 min; Follow one girl’s journey of self-discovery and expression. Vashti doesn’t think she can draw, but her teacher encourages her to “Just make a mark and see where it takes you”.

39. **Duck for President:** DVD, 16 min; Narrated by Randy Travis. Just in time for the elections, Duck decides to enter politics. Follow his rise, and fall from power, sticky ballots and all.
40. **Ellington Was Not a Street**: DVD, 12 min; Combines majestic paintings, stirring narration and music to bring to life the great figures in African-American history.

41. **The Elves & The Shoemaker**: DVD, 10 min; Narrated by Patrick Stewart. In midnight visits clothed in mystery, a pair of elves restore a poor shoemaker and his wife to prosperity.

42. **I Lost My Bear**: DVD, 10 min; Discover what you do when your best toy disappears and no one will help you find it. Our little detective learns that if you keep on searching, you might just discover more than you expected.

43. **I Stink**: DVD, 9 min; Live through a raucous and stinky night in the life of a New York City garbage truck. Narrated by Andy Richter.

44. **Players In Pigtails**: DVD, 12 min; Celebrates a brave girl’s love of the game as she works to become a player in the first-ever All-American Girls Professional Baseball League.

45. **The Pot That Juan Built**: DVD, 17 min; Narrated by Alfred Molina. Juan Quezada, one of Mexico’s most famous potters, used his creative gifts to transform his impoverished village of laborers into a thriving artists’ community.

46. **This is the House That Jack Built**: DVD, 8 min; Narrated by Mandy Patinkin. Jack’s house is like no other and its inhabitants are full of fun and surprises.

47. **The Wheels On The Bus**: DVD, 6 min; Comes to life with Paul Zelinsky’s eye-popping art and a lively musical score.

48. **Will I Have A Friend?**: DVD, 8 min; Presents a universal story about growing up. On Jim’s first day of school he worries if he will have a friend.

49. **Will You Sign Here John Hancock?**: DVD, 30 min; Presents the story of John Hancock who became one of the most famous signers of the Declaration of Independence

- **THE SNOWMAN**: 26 min, grades K-5. Written by and based on Raymond Briggs’ book “The Snowman” animation and original music tell this wordless story of a boy’s magical adventures with a very special friend. A young boy’s snowman comes to life and escorts him on a fantasy dream visit to the North Pole.

- **SPELLING ZOO**: DVD
  - **Consonants**: 13 min; Using animals often seen at the zoo and the letters in their names, children learn about the various consonants and their sounds that are commonly in words. Discusses clusters and blends.
  - **Vowels**: 13 min: Using animals often seen at the zoo and the letters in their names, children will learn that there is at least one vowel in every word, and that each vowel has its own unique sound. Discusses long and short vowels and the letter Y.

- **SPOKEN ARTS SERIES**: DVD: 9 lessons. Meet the author & find out about the story.
  1. **And The Dish Ran Away With The Spoon** by Janet Stevens & Susan Stevens Crummel. Find out where the dish and the spoon ran off to!
  2. **Black Cat** by Christopher Myers. "Black Cat" takes place in a city where the title character is roaming the streets. It seems that the narrator is talking to the cat and asking questions. The reader follows the cat through the city to seek the answer to the question, "Where do you live?" The author continues to ask the question throughout the book. Meanwhile, the reader is getting a first hand account of what the cat sees and where the cat roams. Finally, at the end of the story the cat answers the question, "where's your home" with the response "anywhere I roam."
  3. **Boxes for Katje** by Candace Fleming. In May 1945, a Dutch girl named Katje is thrilled to receive a letter and a package of socks, soap, and chocolate from Rosie, a girl she doesn't know who lives in Mayfield, Indiana. The kids start to exchange letters, and when Rosie’s family members learn of Holland’s severe post-war deprivations, they enlist Mayfield residents to send food and clothes to Katje, who generously shares the gifts with others in her community.
  4. **The Cow Who Clucked** by Denise Fleming. A cow wakes up to find that she has lost her moo and is clucking instead. She visits various creatures throughout the countryside, clucking at them and
getting answers in their natural sounds. 'Cluck, cluck,' said Cow. 'Meow,' said Cat. 'It is not you who has my moo,' said Cow. And on she went.

5. **John Philip Duck** by Patricia Polacco. Loosely based on actual events, tells the story of an African American boy who trains a wild duck to perform to John Philip Sousa marches. Edward lives on a farm near Memphis, but during the week he stays at the Peabody Hotel, where he works with his dad. When he finds a duckling on the family farm, he convinces his father to let the creature stay with them at the hotel. The whole staff comes to love the duckling, and everyone helps Edward keep his pet hidden from Mr. Schutt, the gruff hotel manager. Of course, Mr. Schutt eventually finds out, but his anger turns to delight when Edward shows him how he has trained the duck to perform tricks to Sousa's music.

6. **Meet the Barkers: Morgan and Moffat Go to School** by Tomie dePaola. The Barker twins are excited for school to start. Once there, Moffie sets out to earn as many gold stars as possible, while Morgie goes about making friends with a few classmates. But after a few days, Moffie is given a gentle lecture from the teacher, who asks her to give other kids a chance to answer questions. Suddenly she realizes she's been so busy collecting stars, she hasn't made any friends yet. By the end of the first week, both Morgie and Moffie have friends and stars—and they are in complete agreement about one thing: "We LOVE school!"

7. **Trouble in the Barkers’ Class** by Tomie dePaola. When Ms. Shepherd announces that a new girl is coming to school the next day, twin pups Morgie and Moffie and the other students immediately begin to plan a swirl of welcoming activities. When Carole Anne arrives, she will not smile, is unreceptive to friendly gestures, and shows no respect for her classmates. Disappointed and frustrated, the children devise a plan to combat this bully. One day when Morgie finds her alone, he discovers the reason for her hostility.

8. **Thank You, Sara: The Woman Who Saved Thanksgiving** by Laurie Halse Anderson. Anderson turns a little-known historical tidbit into a fresh, funny, and inspirational alternative to the standard Thanksgiving stories. Alarmed that the observance was dying out since many states did not observe it at all and those that did had no agreement as to date, Sarah Hale began 38 years of letter writing in support of making it a national holiday. Ignored or refused by administration after administration, she persisted until at last, President Lincoln, possibly persuaded by her argument that it would help to reunite the union, declared the fourth Thursday in November as a national holiday in 1863.

9. **When Sophie Gets Angry—Really, Really Angry...** by Molly Bang. Sophie is playing with her stuffed gorilla when her sister wrestles it from her, knocking her to the floor. When their mother agrees that it is her sister's turn to play with the toy, Sophie becomes so angry that she kicks, screams, and eventually runs into the woods where she climbs a huge beech tree, looks out over the water, and is comforted by the "wide world."

- **STARLORE:** 33-15 min lessons, grade 2: Explores different types of stories, settings, character, types and situations through and entertaining story line. Lessons include:
  1. Henny Penny
  2. The Frog-King
  3. Ballads
  4. Travels of a Fox
  5. Teeny-Tiny Woman
  6. Little Red Riding Hood
  7. Petunia Beware
  8. Golden Goose
  9. Mother Holle
10. Hansel and Gretel
11. Little Burnt Face
12. The First Woodpecker
13. Persephone and the Springtime
14. The Very First Story Ever Told
15. Noah’s Ark
16. Aesop’s Fables
17. The Monkey and the Crocodile
18. The Tiger, The Brahma, and the Jackal
19. Chanticleer and the Fox
20. The Magic Pot
21. Strega Nona
22. Mrs. Beggs & the Wizard
23. Benny Bipple’s Magic Dandelions
24. The Old Car
25. Caleb and Kate
26. Big Bad Bruce
27. Fiona’s Bee
28. Me Day
29. Something Queer at the Library
30. Friday Night is Papa Night
31. The Many Lives of Ben Franklin
32. Custard the Dragon
33. Lyric Poetry

- **THE SOUP STONE:** 15 min: This old French folk tale relates an encounter between two peddlers and a village of gullible peasants.

- **STELLALUNA:** DVD: 41 min, grades K-2: Based on the award-winning book by Janelle Cannon, this animated featurette tells the story of a baby fruit bat adopted by a family of birds.

- **STRANGER IN THE WOODS THE MOVIE DVD:** 25 min: Journey deep into the winter woods and meet two snowdrifts, Pierre (who speaks with a bad French accent) and his friend, Janine (a singer at heart). Together, Pierre and Janine will introduce you to their forest friends and reminisce about the time a mysterious stranger came to visit. Just who is this stranger? Watch as live video blends with award-winning photography from the children’s book Stranger in the Woods, by Carl Sams II and Jean Stoick. This story is a magical tale of animals reacting to a snowman that appears after a winter storm. Children of all ages will enjoy the original music sung by Pierre, Janine and some furry forest friends.

- **STORIES & POEMS FROM LONG AGO:** 3-15 min lessons, grades 4-6: Lessons include:
  1. **Paul Bunyan:** Here’s an all-time favorite legend revolving around a mystical hero of the woods known for his extraordinary deeds of cleverness and skill.
  2. **Johnny Appleseed:** The legend of Johnny Appleseed is based on the life of Jonathan Chapman, a historical figure whose wilderness adventures spurred many a tall tale.
  3. **John Henry:** An American folk hero, John Henry was portrayed as a man born with a hammer in his hand. Henry constructed railroads and tunnels through mountains and became a veritable self made hero.

- **STORY STARTERS VOL I:** 37 min, grades 2-4: Motivates children’s interests in story writing through the use of themes involving emotions, culture, history, science, social interaction and careers. They are
given the choice to finish the stories by drawing pictures, acting out the endings like a play, using puppets or masks or by telling the story out loud.

- **Study Skills: Note Taking and Outlining: DVD**, 15 min; Show students how to take the main ideas from various sources of information and how to write them in note form. Shows how to organize these notes in noteline and demonstrates why this can be useful in writing a clear and concise report.

- **Study Skills: Take That Test!: DVD**, 18 min; Using humor that appeals to students, covers developing good study habits: learning to follow and understand directions; answering multiple choice, true-false, and essay questions; planning one's time; and responding appropriately if stumped.

- **SUPER WHY SERIES: DVD**
  1. **Attack of the Eraser: A Comic Book Adventure** (100 min): Whyatt and his friends are playing kickball in the park when Wolfy erases the score! The super readers fly into a new kind of reading material- a comic called Attack of the Eraser- to track down the diabolical Eraser who’s causing trouble in Reader Valley; **The Story of the Tooth Fairy**: Whyatt has lost his very first tooth! When his mom tells Whyatt that the Tooth Fairy will come and take his tooth, Whyatt wants to know what happens if he wants to keep it? Super Why and his friends decide to ask the Tooth Fairy herself, so they set off to meet her in person.; **The Cookbook**: Whyatt wants to bake Baby Joy a special birthday cake- but he doesn’t know how! Super Why and his friends soar into a new kind of book- a cookbook- and get the information they need from a rhyming chef with a silly sense of humor as well as a recipe for fun!; **The Big Game**: Whyatt wants to play baseball better, but he keeps missing the ball. The superhero readers jump into The Big Game and join some fairytale heroes gearing up for their big soccer match against their storybook foes.
  2. **Peter Rabbit and other fairytale adventures** (100 min): Little Red Riding Hood wants to find the perfect present for Grandma, but she’s stumped! Super Why and his friends visit Peter Rabbit and find Peter, a mischievous bunny who’s on the hunt for some delicious fresh vegetables for his Mama. The superheroes must help Peter before his big appetite lands him in hot water; **Tom Thumb**: Pig is ready for an adventure, but his brothers tell him he’s too young! The superheroes jump into Tom Thumb to visit Tom Thumb, who knows how it feels to be little! He’s about to go on his own adventure, and lucky for him Super Why and his friends are there to help; **Goldilocks and the Three Bears**: Whyatt accidentally messes up Jack’s room and is in BIG trouble! The superheros pay a storybook visit to Goldilocks & the Three Bears and find Goldilocks surrounded by three broken chairs, three bowls of porridge and three times the mess! How will they solve this problem before the bears get home?; **Rapunzel**: Princess Pea’s kitten is stuck in a tree! Super Why and his friends jump into the Rapunzel book and meet Rapunzel, who is also stranded high up in her tower. When climbing Rapunzel’s hair proves to be a hair-raising idea, the Prince and the superheroes work together to come up with a brand-new rescue plan!
  3. **Jack and the Beanstalk and other fairytale adventures** (100 min): Baby Joy, Whyatt’s little sister, is having a GIANT-sized tantrum, and nothing will calm her down. The Super Readers fly into the story of Jack and the Beanstalk and use their literacy powers to venture up Jack’s Beanstalk and meet a real giant, who’s acting like a big baby. Whyatt learns about the soothing power of music and the Super Readers save the day; **The Princess and the Pea**: Princess Pea is worried she won’t pass the test at the Annual Junior Princess Competition and win a golden crown. Super Why and the Super Readers soar into the fairytale adventure of The Princess and the Pea and see how Princess Priscilla, Princess Pea’s mother, used quick thinking to pass her princess test.; **The Three Little Pigs**: Jill keeps knocking down Pig’s tower and he wants her to stop! The Super Readers fly into The Three Little Pig’s story and come face to face with the big bad wolf himself. When all the huffing and puffing dies down, Pig
learns an important lesson about friendship; Little Red Riding Hood: Boo! Wolfy won’t stop tricking Pig, and he has had enough! Super Why and his friends travel “Over the River and Through the Woods” into the story of Little Red Riding Hood on an adventure to find Little Red, her Grandma and the Wolf himself. Will talking to the Wolf help Pig, or does this wolf have more tricks up his sleeve?

- **TALES IN A TREEHOUSE:** 33-15 min lessons, grade 1: This well-planned series will encourage the student to expand powers of creative thought and imagination, find enjoyment in a variety of literary forms and develop an interest in reading. Lessons include:
  1. Three Billy Goats Gruff
  2. The Little Red Hen
  3. Dandelion
  4. Pet Show
  5. The Elephant’s Child
  6. The Butterflies Come
  7. Old Witch Rescues Halloween
  8. The Acorn Tree
  9. The Biggest Bear
  10. Just Only John
  11. The Duchess Bakes a Cake
  12. Cranberry Thanksgiving
  13. The Christmas Cookie Sprinkle Snatcher
  14. Paddy’s Christmas
  15. Countdown to Christmas
  16. Rumplestiltskin
  17. Deer in the Snow
  18. The Big Snow
  19. The Groundhog and His Shadow
  20. Abraham Lincoln
  21. Curious George Goes to the Hospital
  22. George Washington’s Breakfast
  23. The Country Mouse and the Town Mouse
  24. Burt Dow, Deep Water Man
  25. McElligot’s Pool
  26. The Boy Who Didn’t Believe in Spring
  27. 900 Buckets of Paint
  28. Gwendolyn, The Miracle Hen
  29. Umbrella
  30. Mog, The Forgetful Cat
  31. Anatolle
  32. Harvey’s Hideout
  33. Be Nice To Spiders

- **TELTALES:** 15-15 min lessons, grades K-2: Teletales uses the talents of the storyteller and artist with sound effects and music to present a series of classical fairy tales to tell stories to primary students. Lessons include:
  1. The Charmed Ring
  2. The Willow Tree
3. Stan Bolovan
4. Hansel and Gretel
5. Soongoora and Simba
6. The Bargain
7. The Chenoo
8. Molly
9. Long Nose
10. Blanchinetta
11. The Sorcerer’s Boy
12. The Squire’s Bride and Half Chick
13. Caliph Stork
14. Fiddy Wow Wow
15. Paka’s

- **THREE LITTLE PIGS**: 20 min, grades K-2: Toddler Tales are kid friendly fairy tales where no evil lurks around the bend. The Big Bully Wolf just hasn’t learned to use his words yet. Together, he and the 3 Little Pigs learn a thing or two about friendship and problem solving.

- **’TWAS THE NIGHT** DVD 30 min: A celebration of Christmas, Chanukah and Kwanzaa, features classic and modern-day recordings of holiday favorites, including Louis Armstrong’s reading of “A Visit from St. Nicholas” and performance of “What A Wonderful World”, Bing Crosby’s “Jingle Bells”, Doris Day’s “I’ll Be Home For Christmas” as well as Macy Gray’s “Winter Wonderland” all magically brought to life with vivid and engaging animation. These vibrant and touching segments are complemented by the voices and imagination of children who bring their own ideas of the holidays to life with endearing, enlightening and often hilarious descriptions of how they see the season.

- **THE UGLY CATERPILLAR DVD**: 23 min: When a tiny, yellow egg appears on the scene, three friends, Speckles the spider, Crumbs the cricket, and Annie the ant, aren’t sure what to think. But when Katy the caterpillar appears, Speckles and Crumbs think the caterpillar is much too ugly to be their friend. Only Annie the ant looks past the caterpillar’s funny shape and makes friends with Katy. As Katy the caterpillar begins her strange transformation into a beautiful butterfly, Annie is shocked and amazed. This educational and beautifully illustrated story shows the true meaning of beauty and friendship and the pitfalls of judging others by their appearance.

- **THE UGLY DUCKLING**: 30 min grades K-2: Hans Christian Anderson’s well-loved tale of the lonely ugly duckling that finally discovers he is a swan. With narration by Cher, paintings by Robert Van Nutt, and music by Patrick Ball.

- **USING THE INTERNET**: 23 min, grades 2-6: Students learn about the different ways they can find information online by using subject directories, subscription databases and specific search engines designed for kids. Students will also gain an understanding of how to generate effective search strategies and how best to evaluate websites as they conduct research.

- **WHERE THE RED FERN GROWS**: 97 min, grades 6-9: The true story of Billy Coleman, an Oklahoma Ozark boy determined to train a pair of coon hounds despite poverty, danger, risk and tragedy. With the support of his family, Billy raises Old Dan and Little Ann, winning the coon hunting championship. After the dogs die, he finds the symbol of love and devotion—a red fern growing between their graves. Topics raised are depression era, rural life, coming of age, and the importance of determination, love and loyalty.

- **WISHBONE**: 16- 30 min lessons, grades 2-5: Through his fantastic adventures, Jack Russell Terrier, Wishbone, encourages a love of reading, serving as a canine bridge between life and literature.
Experiences of everyday life trigger Wishbone’s imagination and he finds himself in signature sconces from literary classics. Lessons include:

1. A Tale of Twain (Tom Sawyer)
2. Twisted Tail (Oliver Twist)
3. Homer Sweet Homer (Odyssey of Homer)
4. The Slobbery Hound (Hound of the Baskervilles)
5. Bone of Arc (Joan of Arc)
6. The Impawssible Dream (Don Quixote) DVD
7. Hunchdog of Notre Dame (Hunchback of Notre Dame) DVD
8. Frankenbone (Frankenstein)
9. Hot Diggety Dawg (A Journey to the Center of the Earth) DVD
10. Paw Prints of Thieves (Robin Hood) DVD
11. The Prince & The Pooch (The Prince & The Pauper)
12. Salty Dog (Treasure Island)
13. Terrified Terrier (Red Badge of Courage)
14. Hercules Unleashed (Hercules & The Golden Apples)
15. Halloween Hound: The Legend of Creepy Collars (The Legend of Sleepy Hollow) 60 min
16. Dog Days of the West (Short Stories by O.Henry) 92 min

- **WORD SHOP: DVD & VHS** 28-15 min lessons, grades 2-3: Workshop helps 2nd & 3rd graders develop skills in listening, speaking, reading and writing. These skills are developed through illustration of fiction, nonfiction, poetry, and drama. Puppets are included as continuing characters in the series. Lessons include:

  1. Story Telling
  2. Characters in Stories
  3. Setting in Stories
  4. Action in Stories
  5. Structure in Stories
  6. Fantasy Stories
  7. Tall Tales
  8. Mystery Stories
  9. Poems as Sounds
  10. Nonsense and Made-up Words in Poetry
  11. Poems as Description
  12. Poems as Stories
  13. Poets
  14. Character Playing
  15. Scene Playing
  16. Story Playing
  17. Playwrights
  18. News Stories
  19. Signs
  20. Comic Strips
  22. Books About Places
  23. Books About Animals
  24. Books About Fantasy
  25. Mystery Books
26. Making a Book

- **WORDScape**: 16-15 min lessons, grades 4-6: Using themes and topics of interest to students, Wordscape will help students connect the oral language they know with the written language they are learning. Wordscape will help students recognize that word cells are the major building blocks of words; introduce students systematically to new words; provide a context within which new words are learned; acquaint students with the multicultural heritage of English; foster an appreciation of language; and model appropriate dictionary usage. Each program will contain a summary of the words introduced and conclude with a word question to challenge students. Lessons include:
  1. Building Words
  2. Movie Words
  3. Words of Time
  4. Sports Words
  5. Talk Words
  6. Food Words
  7. Mystery Words
  8. Loud Talk
  9. Clothing Words
  10. Words of Leadership
  11. Words of Space
  12. Writing Words
  13. Friendship Words
  14. Words of Music
  15. Animals
  16. A Family of Words

- **Word World Series: DVD**
  1. **Welcome to WordWorld**: Includes: *Happy Birthday Dog*: Dog’s friends are planning a surprise birthday party for him, but they don’t have a cake! With a little help from Pig, Frog gathers the letters C-A-K-E...but can he get them to the party without ruining the surprise? *Sh-Sh-Shark*: When Duck befriends a Shark, he learns that the letters S and H make the “sh” sound, and everyone else discovers that you can’t judge a shark by his sharp-toothed cover. The Mystery of the Disappearing Pie: Pig’s pie for Bear has gone missing! Have no fear Detective Sheep is ready to help her WordFriends follow the letter clues and solve the mystery of the disappearing pie! *Snug as a Bug*: When Bug can’t sleep because he needs to be snug, he and his favorite neighbor, Frog, have to figure out the end of the rhyme: “Snug as a bug in a...” Can YOU guess the end?
  2. **Flying Ant**: 60 min: Flying Ant: How can ant be part of the insect Air Show if he can’t fly? He’ll just have to build a word to give him the lift he needs to be the star of the show. Also includes: *Catch that C!*: While Pig and Ant are making cookies, their bag of letter C’s gets away from them, sending the WordFriends on a wild goose chase all over WordWorld to catch that C! *Shuffleword*: When Pig and Ant get into an argument while playing Shuffleword, Pig storms off with the consonants and Ant storms off with the vowels. But they soon learn that they need each other to build words...and have fun. *Play Ball*: It’s Robot’s first time playing baseball and his team is up against the powerhouse Bug Team, lead by All-Star Ant. Can he learn the game in time to help his team win?
  3. **Happy Holidays WordFriends (33 min)**: Includes: *The Christmas Star*: It’s the night before Christmas and Frog needs a star to hang on his Christmas tree. Duck thinks this will be the perfect present for frog,
and tries to lasso one out of the sky for him. Try as he might, Duck is unable to catch a star for Frog, and cries himself to sleep. But while he sleeps, someone leaves him a wonderful present: the letters S-T-A-R.

**A Christmas Present for Dog:** It’s Christmas morning, and all the WordFriends are excited by the presents Santa has brought for them! Pig has a sled, Bear has a doll, and ant has a cookie. But not all the letters for Dog’s present came down his chimney. All he has is a B-A-L. Bear gets filled with the Christmas spirit and makes a sacrifice to ensure Dog’s Christmas will be merry.

4. **My Fuzzy Valentine (60 min):** My Fuzzy Valentine: When Sheep decides she wants to make a special Valentine song for her pal Bear, she runs into trouble finding just the right rhyme to finish her song. With the help of Fly, she discovers the perfect rhyme and makes Bear a Valentine song with real heart; The Love Bug: Bug wants to sign a Valentine for his favorite WordFriend, but he doesn’t know how to write his name. With lots of encouragement from Frog he learns that with a little practice he can write his name.

**WRITER’S REALM: 15-15 min lessons, grades 4-6:** Designed to help children see themselves as writers, and realize that writing can be useful and enjoyable. Viewing these programs should motivate children to practice process skills that will help them enjoy writing in and out of school. Lessons include:

1. Put It In Writing
2. What’s the Idea?
3. The Search Begins
4. That’s Worth Noting
5. Asking the Right Questions
6. Picture This
7. Let’s Get Organized
8. Show Me What You Mean
9. It’s Like This
10. Just the Right Tone
11. See What I’m Saying
12. A Little Help From Your Friends
13. Details, Details
14. Everything In It’s Place
15. Checking It Out

**WRITING FOR CHILDREN SERIES: 5-23 min lessons, grades K-4:** Lessons are:

1. Expository writing: Can be anything from a school science project, to a letter to the president! Learn to choose a topic, conduct good research and organize information with the help of graphic organizers such as word webs and outlines.
2. Story Writing: Can begin anywhere—with an idea for a special character, a particular setting or even a plot with a problem that needs to be solved. Use of character webs and story maps during the prewriting stage to organize ideas before beginning a draft is very important. By using interesting dialog, descriptive details and a good ending, the story comes to life.
3. Types of Writing: Learn new types of writing: Comparative writing, personal narrative, explanatory writing, and persuasive writing.
4. Writing Process: There are many stages of the writing process. Discover the importance of prewriting: the thinking and planning stage of writing, and how to transform ideas into a written draft including a lead, topic sentences and supporting details.
5. Writing resources: Use resources that can help to improve your writing. Learn about using the dictionary and thesaurus as well as finding inspiration from other writers’ works. Explore the literary techniques of
rhyming, alliteration and onomatopoeia, and learn the graphic organizers can help to structure their writing.
MATH

- **THE 100TH DAY OF SCHOOL DVD**: grades K-4, 12 min: The 100th day of school has arrived! How are you going to celebrate this special day? The kids at the community center have assembled collections of 100 items and are ready to do some estimation, counting, measuring and more! Say the number in another language, consider how much has changed in the last 100 years, see what can be done in 100 seconds, and think about what you would do with $100. Have you ever thought about the meaning of the zeroes in the number 100? It’s a perfect example of the importance of place value! Having a special day set aside to celebrate 100 is a great way to remind ourselves of the importance of math in everything that we do!

- **ADDITION & SUBTRACTION RAP**: 55 min: Featuring a total of 498 facts, students build speed and accuracy while trying to answer before D.J. Doc Roc. Cool performances by the hip-hop hamster and his animated friends provide an exciting reward for solving sums up to 18 and differences from 18. Perfect for all ages at home or in the classroom. Disc only works in a computer, so may not work in your DVD player.

- **ALL ABOUT SHAPES DVD**: grades K-2

- **BEGINNING FRACTIONS & DECIMALS** (Rock & Learn Series): 35 min, grades 1-3: Francis Fraction, Newman Numerator, and the comical Dennis Denominator invite kids on a colorful adventure to explore fractions and decimals. Entertaining music, easy-to-follow examples, and plenty of humor make even difficult concepts easy to grasp! Delayed answers give learners time to respond and check their understanding. You won’t find a better way to begin learning about fractions and decimals. Includes definitions of a fraction, numerator and denominator; practice identifying fractions; introduction to equivalent fractions; proper vs. improper fractions; mixed numerals; place value with decimals; how to write decimals; converting fractions to decimals; subtracting fractions with a common denominator; adding fractions with a common denominator.

- **BETWEEN THE RATIONAL NUMBERS**: 12 min, grades 2-4: Contains an intro to the vocabulary that is necessary for dealing with rational numbers. A crafty old king holds a contest to determine who will inherit his kingdom. The knight who finds the next number after one-third wins the realm.

- **BETWEEN THE WHOLE NUMBERS**: 12 min, grades 2-4: Way back in the stone age, a teacher at Public School #1 divides bearskins among students to show there are numbers between the whole numbers.

- **COLORS AND SHAPES CIRCUS**: 30 min: Take a seat under the big top and get ready for the most dazzling learning experience ever—the Colors and Shapes Circus! Colorful music video, a magic show and lots of crazy clown antics will teach children the primary and secondary colors as well as basic shapes. Kids will also learn that colors & shapes can be used together to create anything they can imagine. Included at the end of this program is a segment that provides helpful tips, ideas and hands-on activities to enhance a child’s learning experience. Watching this video and using the related activities suggested will help children: Develop color & shape recognition, discover that colors and shapes are everywhere, understand that everything has a color and a shape, and learn the names of colors and shapes.

- **COMPARING RATIONAL NUMBERS**: 12 min, grades 2-4: A wise genie teaches a young clam how to compare rational numbers.

- **COUNTING MONEY DVD**: grades K-2

- **DECIMALS: TO BE EXACT**: 20 min, grades 4-8, 2 tape series: Presents the concept of decimal numbers. Viewer will discover that decimals help people count and measure with more accuracy.
  - **Tape 1**: Develops the concept of being exact when measuring or counting; defines decimal numbers and illustrates the function of the decimal point; extends place value to the right of the decimal point; and presents guidelines for reading and writing decimals correctly.
- **Tape 2**: Explores the concept of place value to the right of the decimal point; illustrates how both decimal numbers and fractions express parts of a whole or a set; models the process of adding and subtracting decimal numbers.

- **EQUIVALENT FRACTIONS**: 12 min, grades 2-4: On Junkiter planetoid, everything is measured by the metric system. So, with Numbrella’s help, Sam learns the relationships among centimeters, meters, and kilometers, as well as the correct abbreviations for each.

- **FRACTIONS AND ALL THEIR PARTS** 23 min, grades 4-8, 3 tape series: These tapes combine colorful animated graphics with imaginative examples to explain fractions and how they are used and manipulated.
  - **Tape 1**: Describes what fractions are and why they are useful. Covers naming fractions with numerous animated examples. Each step is illustrated and explained.
  - **Tape 2**: Illustrates the concepts of equivalent fractions and how to simplify fractions. Improper fractions are discussed and their relationship to mixed numbers is explained.
  - **Tape 3**: Covers the addition and subtraction of fractions and mixed numbers. Several animated examples show how improper fractions can be renamed as mixed numbers.

- **FRACTIONS & SOME COOL DISTRACTIONS**: 60 min, grades K-6, 3 tape series: An innovative approach to teaching fractions to students.
  - Fractions, Multiplication, renaming fractions, reducing fractions, comparing fractions.
  - Adding equal and unequal denominators, subtraction and division.
  - Mixed numbers: addition, subtraction, multiplication and division of mixed numbers and lowest common denominator.

- **HISTORY OF NUMBERS**: 8 min, grades 3-5: The history of counting the numbering systems around the world is traced to our present system. The simple use of fingers developed techniques for keeping records, notches in wood, knot in string, marks on clay, tablets and paper, to symbols for each number.

- **IT FIGURES**: 28-15 min lessons, grade 4: This program provides lessons in mathematics which begin with modeling and the process of mathematical solution. Dramatizations of children dealing with a problem requiring math will open the lesson; direct instruction in the applicable math concept will follow; and application of the concept in another real-life situation will close the lesson.
  - Deciding When to Use Subtraction Positions
  - Deciding How Close to Measure
  - Problem Solving: Acting It Out
  - Using Estimation
  - Understanding Place Value
  - Deciding When to Use Multiplication
  - Using Fractions
  - Problem Solving: Drawing a Picture
  - Looking at Objects from Different Positions
  - Using Mental Computation
  - Deciding when to Use Division
  - Problem Solving: Making a Table
  - Using Multiplication & Addition
  - Relating Fractions & Decimals
  - Predicting Your Change
  - Using Bar Graphs
  - Understanding Remainders
- Problem Solving: Recognizing Relevant Information
- Finding Equivalent Fractions
- Finding Area by Covering
- Making Sense of a Big Number
- Estimation When Dividing
- Comparing Decimals
- Using Probability
- Changing Scale on a Graph
- Problem Solving: Keep on Trying
- Problem Solving: Many Ways To Go
- Problem Solving: Using a Guide

**LEAP FROG: MATH ADVENTURE TO THE MOON** ages 3-6 years, 36 min: Tad and Lily need the perfect collection of things to take to school for their math assignment. When they finally decide on moon rocks, there’s just one problem—how will they get them? With some magical help from their firefly friend, Edison, they board a rocket ship to start their quest. Soon the twins learn that math is everywhere, even in outer space! Watch as they use their skills in counting, sorting, skip counting and recognizing patterns to overcome obstacles, find new friends and make the trip back to Earth!

**LEAP FROG: MATH CIRCUS** 3-6 years, 35 min: Step right up to the Math Circus! Watch the Wuidget Family and the Subtractobats perform high-flying feats of mathematics! In this astounding story, Leap, Lily, Tad and wacky Professor Quigley train numbers to count, add and subtract in a series of amazing circus acts. Numbers and Quidgets fly from trampolines, trapezes and cannons as they teach early mathematical concepts. As with all LeapFrog DVDs, humorous songs add to the fun and help reinforce educational concepts.

**MATH MONSTERS:** 12-15 min lessons, grades K-2: Math Monsters comes from the creators of Slim Goodbody. It was developed in cooperation with the National Council of Teachers of Math and is designed to meet and support their national standards for K-2 math instruction. While individual programs focus on what can be called “A Big Idea”, such as date collection, patterns, measurement, etc., at least four of these standards is interwoven in every show. These include: Problem solving, mathematical connections, mathematical communication and reasoning.
- Data Collection
- Standard and Non-Standard Measurement
- Number Conservation, Transformation & Equivalency
- The Making of Tens
- Geometry
- Doubles & Their Neighbors
- Mapping
- Time and Money
- Patterns
- Counting & Symbolizing
- Computers
- Teacher Utilization

**MATH VANTAGE:** 19 lessons, grades 6-9: Series bringing middle level mathematics to life. Illustrates key math concepts and applications.
- **Spatial Sense Unit:**
  - 2D Visions in a 3D World
- What’s Your Angle
- Trusting Triangles
- A World of Quadrilaterals
- Containers: Surface Area and Volume
- Going Around in Circles

- **Data: Analysis Unit:**
  - Data: How Do You Get It?
  - Data: How Do You Show It?
  - Data: What Does It Mean?
  - Chances Are

- **Proportional Reasoning Unit (all on one tape):**
  - Rates & Ratios: Comparisons
  - Expressing Relationships
  - Shrinking & Stretching Machine
  - Percents: Say It with Hundredths

- **Language of Mathematics (all on one tape):**
  - Integers
  - Digitizing with Binary Power
  - Shrinking & Stretching Machine
  - Algebraic Sentences

- **Patterns Unit: Tesselations/Transformations**

- **METRIC WEIGHTS:** 9 min, grades 2-6: Since all measurement on Junkiter is metric, they must learn about the relationship of grams and kilograms as well as their abbreviations.

- **MONEY DVD:** grades K-4: Helps students discover not only how to spend wisely by using estimation and comparisons but also how to give and receive correct change when making a purchase.

- **MONEY ROCK DVD:** (School House Rock Series): 30 min, grades K-5: From “Tyrannosaurus Debt” to “Walkin’ on Wall Street”, these songs explain tricky stuff like savings accounts, taxes, stocks, the national debt, and writing checks.

- **MULTIPLICATION ROCK:** (School House Rock Series): 30 min, grades 2-5: Learn important lessons through fun songs, including, “My Hero Zero”, “Figure Eight” and “Naughty Number Nine”. Learning multiplication has never been so much fun.

- **PATTERNS** (Bill Nye Series): 30 min, grades 4-8: Scientists rely on patterns to make comparisons, and how humans use patterns to understand the world. From tree rings to tropical storms, constellations to fractals, scientists use patterns to understand the universe.

- **READING RAINBOW: HOW MUCH IS A MILLION? DVD:** 30 min; Feature book: How Much Is A Million? By David M. Schwartz; Illustrator Steven Kellog. A mathematical magician helps readers conceptualize a million, a billion, and a trillion. LaVar explores ways of counting large numbers as he talks to people who share grouping and estimating techniques. Also a visit to the Crayola Crayon Factory where workers show how crayons are made and talk about the large number of crayons they handle in their jobs. A visit to Giants Stadium shows how vendors and stadium employees use estimation to prepare for game day. Book reviews: One Hundred Hungry Ants by Elinor J. Pinczes; Only One by Marc Harshman; How Many Stars In The Sky? By Lenny Hort.

- **SAVING, SPENDING & INVESTING MONEY DVD:** 23 min, grades K-4: Discover the truth about money, its history and how the use of money through saving, spending, earning and investing is the backbone of our
economy. Learn how hard work, budgeting and good decision-making are the keys to being able to buy the things you need and want. Students will see how financial institutions like banks can help them earn interest and how personal management of their money directly affects the economy.

- **Star Maths: DVD'S**
  - **Approximation & Rounding:** 10 min; Shows the practical, problem-solving value of math procedures. To avoid a collision with some space junk, Uncle Zak asks Sam and Amber to measure some distances to the nearest 10 - fast! Numberella introduces the kids to the concepts of estimation.
  - **Counting by Hundreds:** 10 min; Shows the practical, problem-solving value of math procedures. Set in the imaginary future, Numberella, a mathematical 'oracle,' helps Sam and Amber count up by hundreds and back down from 1000, using a counting stick.
  - **Counting by Tens:** 10 min; Shows the practical, problem-solving value of math procedures. 3D computer animation brings this sci-fi math lesson to life. Sam and Amber learn to count up and down by tens when using a remote control for 'holovision.'

- **TELLING TIME DVD:** 23 min, grades K-4: Kids measure time in seconds, minutes and hours, and order events by using words like before and after. They will practice telling time from the hour down to the exact minute.

- **TIME AND BEYOND (Minds on Science Series):** 20 min, grades 5-8: No description available.

- **TIME (Bill Nye Series) DVD & VHS:** 30 min, grades 4-8: Many people believe that time goes by at the exact same speed. A second is a second, a minute is a minute, and an hour is an hour. But time is not always the same. The passage of time is affected by the theory of relativity. If an object approaches the speed of light, the faster it moves, the slower time is for it. Measuring relativistic changes in time is quite difficult.
MULTICULTURAL

- **AFRICAN-AMERICAN HERITAGE** (American Cultures for Children Series): 25 min, grades K-4: Exciting adventures appear at every turn as children are introduced to the vibrant sights and sounds of Africa (with a focus on West Africa). They’ll learn about the diverse geography and cultures there as well as the history of African Americans. There are many languages spoken in West Africa, and children learn to count to ten in the More language and then practice a few words in the Yoruba language, too. A field trip to an African food market presents a variety of tasty treats and an animated folktale, Anansi the Spider, is presented. Children make their own African adinkra cloth designs, and the show closes with a performance of a traditional Senegalese folksong called “Gaale Gangi”

- **AFRICAN AMERICAN LIFE** (American History for Children Series): 25 min, grades K-4: Includes Journey from Africa to Slavery; Resisting Slavery; Segregation; Civil Rights Movement; Biography of Martin Luther King, Jr.; and African Americans Today.

- **BAKA: PEOPLE OF THE FOREST**: 59 min, grades 5-12: Journey to a rain forest in southeastern Cameroon, home of the Baka people. Follow a family for an intimate look at everyday life in a hunter-gatherer society. Join the Baka by day as they harvest honey, catch fish, and use forest plants to make medicines. Join them by night as legends are passed on and as a family prepares for the birth of a baby.

- **BRAVING ALASKA**: 59 min, grades 5-12: America’s last frontier presents extraordinary challenges to modern-day pioneers who live out their dreams in Alaska’s bush. Look at some of the people who choose to endure Alaska’s hardships, not only the extreme weather and rugged terrain, but also the web of economic and psychological obstacles. Explore the complexities of acquiring food, clothing, and shelter while maintaining a normal family life. Celebrate with these stalwart individuals the triumphs of survival in Alaska’s wilderness interior.

- **CAUSES OF THE CIVIL WAR** (United States History Series): 35 min, grades 5-8: Video includes Industrial North; agricultural South and the Cotton Belt; plantation slavery; blacks resistance to slavery; Nat Turner’s Rebellion; ascent of the Republican Party; free blacks and the abolition movement; Underground Railroad; sectional polarization; the Missouri Compromise and the Compromise of 1850; popular sovereignty; the Dred Scott case; Abraham Lincoln; secession of southern states.

- **CINCO DE MAYO** (Holidays for Children Series): 25 min, grades K-4: The fifth of May is the celebration of Mexico’s military victory over the French in 1862. This video investigates the holiday’s history and observes preparations being made to make the occasion festive, highlighted by the spirited sounds of a traditional Mexican mariachi band. Children will also hear Mexican folk songs, learn about the Mayan myth of creation, Origin of the World, and make their own maracas from small cans to celebrate the sound of the fifth of May any time of the year.

- **CHRISTMAS AROUND THE WORLD**: 23 min, grades K-4: This video offers a glimpse of the special foods, objects, songs and stories that people around the world incorporate into their unique Christmas celebrations, and helps students to gain an appreciation for distinctive Christmas traditions worldwide.

- **DIFFERENT AND THE SAME SERIES**: 9-15 min lessons plus a training video, grades 1-3: Designed to help children understand racism. Each lesson focuses on children’s experiences, feelings, and concerns while providing positive models for coping with prejudice.
  1. **Sticks & Stones**: Theme: Name Calling/Hurting others as a Reaction to Being Hurt: Several older kids make fun of Cat-a-lion by calling him names. Humiliated, he feels powerless and hurt and reacts by calling Arthur names. When he is caught in the act by Mrs. Chung, the principal, Cat-a-lion reluctantly admits doing it to feel more powerful. Mrs. Chung sympathizes and helps Cat-a-lion understand why taking out
his feelings on Arthur was wrong and why it hurt Arthur. Cat-a-lion realizes his mistake and makes up to Arthur by apologizing and asking him to his birthday party.

2. **Cinderella and Me:** Theme: Being Excluded from Mainstream Culture: When classmates decide that Audrey can’t be Cinderella in their play because she doesn’t “look” the part, she gets so angry she scribbles over the pictures in her Cinderella book. Mr. Allen, the librarian, talks with Audrey about her feelings—agreeing it is unfair many story books show only people with white skin and not those of different colors and cultures. Mr. Allen helps Audrey to realize there are ways she can help bring about change.

3. **Long Distance:** Theme: Speaking a Different Language: Bernardo is the new kid at school; he speaks only Spanish and his classmates speak only English. At first, Francine thinks he’s rude and stupid because he doesn’t respond to her questions. Not until he helps with their tin can telephone project does Francine realize he’s actually smart. Mr. Oritz, the science teacher, explains it takes a long time to learn a new language. Arthur suggests a Spanish-English club to help them all learn how to speak Spanish and English.

4. **Play Ball:** Theme: Stereotyping: As captain of the baseball team, Audrey tells Arthur he can’t play ball with them because “kids that look like you are never good at baseball.” Hurt and angry, Arthur talks it over with Mr. Kim, his gym teacher. Mr. Kim explains that Audrey is “stereotyping” people, thinking all people who look alike are the same. When Arthur confronts Audrey, Mr. Kim is able to help them both understand why stereotyping is wrong.

5. **The Club:** Theme: Standing Up Against Prejudice Directed at Someone Else: When Arthur excludes Francine from his new club because he doesn’t think she’s “cool”, Audrey feels awful about it, but isn’t sure what she should do. She confides in Ms. Bacheksky, her history teacher, who recalls when her best friend stood up for her in a similar situation. When the first club meeting is held, Audrey announces she won’t belong to a club that excludes kids because they’re “different”. Arthur thinks back on how miserable he felt at the time he was left out and realizes he has been unfair.

6. **Tug of War:** Theme: Choosing a Friend Across Racial Lines: Cat-a-lion feels torn apart between his friendship with Arthur and his good buddies Jason and Lissa, who share his culture. He talks it over with Ben, an African-American teenager whose best friend is white. Ben tells him it can be difficult but having friends who are different is important to him. Cat-a-lion realizes he wants to keep both friendships and Francine moderates a meeting where he tells Arthur and Jason he is going to be friends with both of them.

7. **Proud to Be Me:** Theme: The Pull Between Maintaining a Strong Cultural Identity and Assimilation: Cat-a-lion, Jason and Lissa are practicing a dance from their culture. Arthur thinks the medallion Cat-a-lion wears is “weird”. It’s part of his culture, but the others tease him about it. Their math teacher Ms. Ahenakew, a Native American, gives them a problem to solve that helps them understand that some things (and some people) can be both different and the same—just like Cat-a-lion.

8. **I’m American, Too:** Theme: Definitions of Being American: One day in Social Studies class, Cat-a-lion accuses Francine of not being an American because she wasn’t born in the U.S.A. The class gets into a heated discussion about what actually makes an American “American”: being born in the U.S.? Looks? Language? Their teacher, Mrs. Sanchez, challenges them to work together on a project about Americans to find answers to their questions.

9. **Words on the Wall:** Theme: Hate Crimes: Francine is upset and frightened because her family has received hate mail telling them to go back where they came from. Confiding in Mr. Williams, the art teacher makes her feel better. Then she comes face to face with words of hate written about her on a school wall and feels more alone and afraid than ever. Her teacher and friends try to reassure her of their care and support, but they are confused and sad. They decide to clean the words from the wall and start thinking about how to deal with this problem in their community.
10. **Training video:** This 35 minute video contains segments to be used within the Different and the Same training workshop. Starting with a message from Fred Rogers, creator of Mister Rogers’ Neighborhood, it continues with interviews with teachers who have used the materials in their classrooms. They relate their hopes and fears prior to beginning use of Different and the Same. Later, they share their solutions and commitment to the task of helping children identify and prevent prejudice. This video material will help stimulate productive discussion during the training workshop. A leader’s guide for the training workshop is included with this video.

- **EARLY SETTLERS:** (American History for Children Series) 25 min, grades K-4: Narrated by Irene Bedard (the recognized voice of Disney’s Pocahontas). Topics featured include: The Pilgrims and the Mayflower; The Story of the Mayflower Compact; Squanto and the First Thanksgiving; Life in Colonial Williamsburg; Who Were the Colonists?

- **ERA OF COLONIZATION (1585-1763):** (United States History Series): 35 min, grades 5-8: Video includes: European/Native American interaction; Jamestown settlement; Puritan settlements and society; influence of the English and changes in Native American societies; religious diversity/religious freedom; Quakers in Pennsylvania; the struggle for control in North America; the French and Indian War, the impact of colonial wars.

- **EXPANSIONISM:** (United States History Series) 35 min, grades 5-8: Video includes: territorial expansion and the Louisiana Purchase; Lewis and Clark expedition; War of 1812; Native American resistance; Tecumseh and the Trail of Tears; Manifest Destiny; Oregon Trail; Mexican-American War; California Gold Rush.

- **HAWAII: STRANGERS IN PARADISE:** 59 min, grades 5-12: Through millions of years of isolation, Hawaii’s original plants and animals evolved in a profusion of unique species, but humans, who came to the island 2,000 years ago, triggered the introduction of alien species of flora and fauna that continues to this day. Hawaii’s native species have been unable to prevail the impact of these invaders. Meet Hawaiians who today are attempting to restore and preserve the islands’ precious native environments.

- **I WILL FIGHT NO MORE...FOREVER:** 105 min, grades 7-12: In 1877, a small band of 300 Nez Perce warriors guided by Chief Joseph led the post Civil war military might of the United States over thousands of miles from Idaho to within 40 miles of the Canadian border... and freedom. No one wanted the final confrontation, and yet, it was inevitable!

- **IMMIGRATION & CULTURAL CHANGE:** (United States History Series): 35 min, grades 5-8: Video includes: old & new immigration; the world of the immigrants; a new working class; the limits of mobility and ethnic diversity; the Chinese Exclusion Act; new forms of leisure and mass entertainment; the American Dream.

- **IMMIGRATION TO THE U.S.:** (American History for Children Series): Video includes who came to the U.S.; My New Home in America; Story of the Statue of Liberty and Ellis Island; Story of a Child; I Came all the way from China; Faces of Immigration today.

- **THE INCAS REMEMBERED:** 60 min, grades 6-12: Explore the mysteries of an advanced civilization’s disappearance. Centuries ago, they performed miraculously technical brain surgery, built modern irrigation canals, made agricultural discoveries still used by modern man, and were master builders...the stone village of Machu Picchu at 9,000 feet above sea level standing as the awe-inspiring monument to their genius.

- **IRISH-AMERICAN HERITAGE** (American Cultures for Children Series): 25 min, Grades K-4, **DVD:** The land, history and customs of Ireland are presented in this program along with the story of Irish immigration to America. Children learn to say a few words in Gaelic, the ancient Irish language, watch as boys and girls perform traditional Irish dances for a St. Patrick’s Day parade and learn to make a Celtic harp. They’ll also enjoy an Irish folktale, The Legend of Knockmany, and sing a traditional Irish folksong called “Oro, Se Do”.

• **JAPANESE-AMERICAN HERITAGE** (American Cultures For Children Series): 25 min, grades K-4: Children are presented to the vast land and culture of Japan as well as the immigration of Japanese Americans and the traditions they observe today. Includes geography and history segments; tours of neighborhood restraint, markets of festivals, foreign language segments, a folktale, a folksong and easy arts & crafts.

• **MARTIN LUTHER KING DAY**: 15 min, grades K-4: Two students from different ethnic backgrounds learn about the life of America’s foremost civil rights leader. This program will grab your student’s attention as they learn about Dr. King’s contributions to people throughout the world. They will learn about his childhood experiences with prejudice, his ability to speak in front of others, his commitment to nonviolence, and why it is so important to follow his message of hope and peace.

• **MARTIN LUTHER KING JR**: 30 min, grades 5-8: Moving interviews with civil rights leaders Andrew Young and James Farmer detail the inspirational life of Martin Luther King Jr.

• **DR. MARTIN LUTHER KING JR DAY**: 15 min, grades 5-8: Realizing the injustices against blacks in the South, King became a minister and preached daily against them. He was a leader in the Montgomery bus boycott and the Great March on Washington which influenced President Kennedy to propose a new civil rights bill in Congress.

• **KWANZAA** (Holidays for Children Series): 25 min grades K-4: Through the rhythmic sounds of traditional West-African drums and a look into the colorful significance of the clothes and candles, young viewers are introduced to the African American family celebration of Kwanzaa. The seven principles of the festival are explored, and an African folk tale, Unanana and the Enormous One-Tusked Elephant, vividly illustrates the idea of conflict resolution within the community. Children will be dazzled by the energy of the dance, the sounds, traditions and the colors that honor the African American family and its ancestors and will delight in learning to create their own necklaces from beads, buttons, and pasta.

• **LOST KINGDOM OF THE MAYA**: 59 min, grades 5-12: Explore the forests of Central America and Mexico on the trail of the ancient Maya, whose civilization was the most advanced in the Americas prior to the arrival of Columbus and the Spaniards. Join distinguished scientists as they unearth artifacts, reconstruct cities, and decipher the hieroglyphics of an extraordinary civilization that endured for centuries before its dramatic decline.

• **THE MEXICANS: THROUGH THEIR EYES**: 59 min, grades 5-12: Explore some of the diverse aspects of Mexico. Cultural triumphs, urban chaos, history of blood and conquest, and some of its recent environmental success stories. Meet Mexico’s people—urbanites, peasants, intellectuals, factory workers, politicians, and artists—all of whom reflect the richness of Mexico’s past in the mosaic of its present.

• **MEXICAN-AMERICAN HERITAGE** (American Cultures for Children Series): 25 min, grades K-4: Children are presented to the vast land and culture of Mexico as well as the immigration of Mexican Americans and the traditions they observe today. Includes geography and history segments; tours of neighborhood restraints, markets or festivals, foreign language segments, a folktale, a folksong and easy arts and crafts.

• **MOLLY’S PILGRIM**: 24 min, grades K-4: This program is based upon the book by Barbara Cohen. Molly, a young Russian-Jewish emigrant, learns about the first Thanksgiving while teaching her classmates about modern-day pilgrims.

• **MOVING TO AMERICA: THEN AND NOW**: 15 min, grades 1-4: The answer to questions of where did all the different people come to America from, how did they get here, and when did they come are answered in this video.

• **NATIVE AMERICAN HERITAGE**: (American Cultures for Children Series): 25 min, grades K-4: Children are introduced to the history and culture of the diverse groups of Native Americans that first lived in North
America. Includes geography and history segments; tours of neighborhood restaurants, markets and festivals; foreign language segments; a folktale; a folksong; and easy arts & crafts.

- **NATIVE AMERICAN LIFE:** (American History for Children Series): 25 min, grades K-4: Video includes Stewards of the Earth; Story of Pocahontas; Many Faces, One Heart; Diversity of Cultures; Tecumseh and the Trail of Tears; Native Americans: Who They Are.

- **NATIVE AMERICANS PARTS 1 & 2:** 50 min, grades 4-8:
  1. Meet the tribes that lived and prospered on the Great Plains of North America: Crow, Comanche, Sioux, Kiowa, and Arapaho. Even before the age of the horse, they roamed the endless grasslands of this lush land. These are the “Buffalo People” who lived and died by the sacredness of the bison, hunted on foot with the aid of dogs and maintained a respectful harmony between man and earth.
  2. Probe the factors that led to the loss of the Great Plains by its native sons: Crow, Comanche, Sioux, Kiowa, and Arapaho.

- **NEIGHBORHOOD & COMMUNITY:** 20 min, grades K-4: America is a country of diverse neighborhoods. This video opens with a montage of children living in these neighborhoods: in cities, towns, and rural areas across the U.S. Notebook comes with video & users guide.

- **NI’BTHASKA OF THE UMO HO:** 3-30 min lessons, grades 6-9: Follow a 13 year old boy of the Omaha tribe through the first summer of his manhood. The story takes place around the year 1800 when the traditional Omaha culture was still intact. The series portrays a historically accurate and culturally sensitive presentation of Native American life & culture at a time when explorers had traded but not settled along the Missouri River.
  1. Turning of the Child
  2. Becoming a Warrior
  3. The Buffalo Hunt

- **POW-WOW** (Holidays for Children Series): 25 min, grades K-4: Many Native Americans from across the U.S. and Canada meet throughout the year at Pow Wows, gatherings where Native American culture and life are celebrated by everyone. In this program, discover the creative traditions of Native American crafts as they make a kachica doll of their own and learn the folklore behind the dream catcher. The program also introduces the rhythmic sound of drums, celebratory songs, dances and traditional tales that weave together the fabric of Native American culture while acquainting children with the meanings behind them.

- **RECONSTRUCTION & SEGREGATION** (United States History Series): 35 min, grades 5-8: Includes Assassination of Lincoln; Congressional Reconstruction; The Reconstruction Amendments; the Freedman’s Bureau; Republican rule; the rise of the Ku Klux Klan; racial caste system and segregation; sharecropping; Jim Crow laws; “Separate but Equal”.

- **THE SOUL OF SPAIN:** 59 min, grades 5-12: Little more than a decade ago, Spain was under the rule of a fascist dictator. It was economically depressed and isolated from the rest of Europe. Today a remarkable transformation is underway—a passion for flamenco music and dance, a devotion to the Catholic Church, and ardor for the bullfight still endure in the soul of the Spaniard. Examine both the recent changes in Spain and the elements of traditional Spanish culture that persist. How much of this traditional culture will survive as Spain moves into the 21st century?

- **THE SPANISH LANGUAGE:** 26 min, grades 7-12: Millions of people speak Spanish, the language of Spain. This video takes a look at how language has been carried to other parts of the world and how the Spanish influence is carried into our lives today.
SPIRIT OF THE LAND: 3-30 min lessons, grades 6-12: Illustrates the rich heritage of Native American cultures, beginning with the Native Alaskan and Hawaiian people, and explores how each society has developed through adaptation to the specific environment and traditions.
1. The Yu’pik Eskimos
2. Hawaii
3. In The Wake of Our Ancestors: takes students through the first stages of the Hawai’iloa canoe project, including the search for koa trees (for the hulls), the dramatic tree-falling ceremony and shaping of the hulls. The story takes a unique turn when the focus shifts to environmental concerns raised by the failed koa search on the Big Island of Hawaii. Community members join forces in a reforestation effort and make a strong commitment to care for the natural resources of their home.

‘TWAS THE NIGHT: DVD & VHS, 27 min grades K-3: A celebration of Christmas, Chanukah and Kwanzaa, features classic and modern-day recordings of holiday favorites, including Louis Armstrong’s reading of “A Visit from St. Nicholas” and performance of “What A Wonderful World”, Bing Crosby’s “Jingle Bells”, Doris Day’s “I’ll Be Home For Christmas” as well as Macy Gray’s “Winter Wonderland” all magically brought to life with vivid and engaging animation. These vibrant and touching segments are complemented by the voices and imagination of children who bring their own ideas of the holidays to life with endearing, enlightening and often hilarious descriptions of how they see the season.

VOICES OF LENINGRAD: 59 min, grades 5-12: Visit Leningrad, the Soviet Union’s window on the west capital of the Tsars and cradle of Communism. Trace the city’s history and meet some of its modern citizens as they go about their daily lives. Through individuals as different as a rock -and -roll musician and a Russian Orthodox priest, viewers of this special enjoy an intimate look at a city poised at the brink of change as a new spirit of openness takes hold.

WE ARE ONE: NEBRASKA STUDIES UNIT I: DVD & VHS, 8-15 min lessons, grade 4: This unit is designed as a conceptually based curriculum which provides experience in the understanding of time, geographical space and distance, weather and climate. Lessons focus on the process of observation, collection of data and analysis—all based in a Nebraska setting, along with the emphasis on general concepts and ideas. Lessons include:
1. Where in the World?
2. A Sandhills Adventure
3. The Scavenger Hunt
4. What Happened to Halloween?
5. The Mysterious Mr. Jennings
6. Animals and Chains
7. Mother Nature—Friend or Foe
8. Making Friends With The Environment

WE ARE ONE-UMO-HO/NEBRASKA STUDIES UNIT II: DVD & VHS, 8-20 min lessons, grade 4: Centering around an early 19th century family of the Omaha Indian Tribe, this series provides basic background information about the Omaha Indians and how tribal life and family life within the tribe was structured. The students are given the opportunity to understand the early Omaha culture and compare and contrast their lives to those of an early Omaha family in areas of family structure, personal responsibility, application of beliefs to life and daily routine.
9. Morning Comes
10. Learning From Others
11. Turning of the Child
12. Storytelling
13. Becoming a Warrior
14. Preparing for the Summer Hunt
15. The Dare
16. The Buffalo Hunt
• WE ARE ONE: UNIT III: BANBRYTARE: DVD & VHS 8-15 min lessons, grade 4: This is the story of a Scandinavian family who immigrate to Nebraska and establish a pioneer home in the 1870's
  17. The Big Decision
  18. Getting to Nebraska
  19. Getting Established
  20. By the Sweat of Thy Brow
  21. The Crisis
  22. Good Old Golden Rule Days
  23. Survival of the Fittest
  24. Heritage
• WE ARE ONE UNIT IV: LOS PEREGRINES MODERNOS: DVD & VHS 8-15 min lessons, grade 4: Centers on modern day immigrants in the form of a Hispanic family that migrates to Nebraska. The struggle of the family to fit into their surroundings while maintaining their cultural heritage is portrayed.
  25. The Homeless
  26. The Wretched Refuse
  27. The Huddled Masses
  28. Yearning to Breathe Free
  29. Send These To Me
  30. Give Me Your Poor
  31. Give Me Your Tired
  32. I Lift My Lamp Beside the Golden Door
• WE ARE ONE: BUILDING OF AN EARTH LODGE: DVD & VHS 7 min, grade 4: The Earth Lodge is the center of the Native American family where religious ceremonies and social events were held. This program follows the recreation of an earth lodge as it was many years ago.
• WHAT IS AN AMERICAN: 21 min, grades 2-6: Many people living in America come from different cultures. This video opens with children describing the diversity of Americans. We see immigrants from around the world that came to America for a better way of life. Notebook includes VHS and user guide.
• WONDERFUL WORLD OF HOUSES: 42 min, grades 3-7: A multicultural video that explains to children why houses around the world are so different. Children accompany our explorer through time and location that include: days of the cave man, ancient Egypt, Greece, China & Rome. He tries to build a shelter as a Native American Indian before visiting the tropics of Hawaii and freezing Alaska and many more exotic destinations.
THE STORY OF THE NATIONAL ANTHEM: 21 min, grades K-5: Notebook includes VHS & users guide. Learn how one person’s feelings became a musical symbol of democracy. Listen as children describe instances they hear the national anthem, how it feels to sing it with others, and how different it is to hit the high notes.

STRAWBERRY SQUARE: 33-15 min lessons, grades K-1: Strawberry Square is a total music curriculum which combines fundamental music literacy with joyful movement and the enhancement of vocabulary and social skills.

1. Getting Acquainted
2. Friends
3. A New Day
4. A Rainy Day
5. The Pet Shop
6. Curing the Grumpies
7. It’s Halloween
8. The Stranger
9. Thanksgiving
10. Skipper Gets a Piano
11. Tell Me a Story
12. A Gift for Skipper
13. Circles, Squares, Triangles and Things
14. Heartbeats and Drums
15. Jingle Gets the News
16. Goodbye Mr. Jingle
17. I Like Me
18. Let’s Be Flexible
19. Frizzies and Fuzzies
20. Finish the Job Key
21. This Land is Your Land
22. Remembering
23. On Stage
24. Balloons
25. Fly Away
26. Breakfast Rolls By
27. Keeping Fit
28. We Can Do It, Too
29. A Day For Trees
30. Songs for the Garden
31. Let a Song Be Your Friend
32. Little By Little
33. Let a Song Tell a Story
**STRAWBERRY SQUARE II: TAKE TIME:** 33-15 min lessons, grades 2-3: This series begins where the first series left off with the Square residents, who have learned to sing, dance, create rhymes and enjoy one another. However, Skipper decides they have more to learn about taking time to enjoy the world around them. Visual arts, mime, theatre and dance will be featured along with music.

1. The Beginning  
2. Take Time  
3. Put-Together  
4. The Web  
5. Word Play  
6. Festival  
7. Sculpting on the Square  
8. Orion  
9. Farm Sense  
10. Country Critters  
11. Can You Remember  
12. Sounds Abound  
13. Ricky  
14. Rhythm & Blues  
15. Shake it Up Gospel Style  
16. Home with Skipper  
17. The Rhythms of Culture  
18. There is a River Somewhere  
19. We Shall Overcome  
20. The Gathering Place  
21. An Idea Takes Shape  
22. The Ugly Duckling  
23. To Be or Not To Be  
24. Pardon Me, Your Pun is Showing  
25. It’s What’s Inside That Counts  
26. Amigos Nuevos  
27. DeColores  
28. Cinco de Mayo  
29. Along the River I  
30. Along the River II  
31. Do You See What I See  
32. Get Off Your Square  
33. New Beginnings


**THE SCIENCE OF MUSIC (Bill Nye Series):** 30 min, grades 4-8: The music we listen to today is the result of years of experimentation with sounds. As people figured out what they liked best, they invented instruments that could play their favorite tones and developed popular rhythms, or patterns of beats. Each note of music and every tone of each instrument is a sound wave.
NEBRASKA STUDIES

- **ARBOR DAY** (Holidays for Children Series): 25 min, grades K-4: Arbor Day is the prefect time to teach children about the importance of respecting and maintaining the splendor and resources of our environment. Children can discover their own passion for nature as they learn about the legend of Johnny Appleseed and the real-life story of J. Sterling Morton, the founder of Arbor Day.

- **ARBOR DAY: HOLIDAY THAT MAKES A DIFFERENCE**: 18 min, grades 1-4: Discover the Arbor Day story of a young man named J Sterling Morton and his vision of transforming the barren Midwestern prairie into a land blessed with trees.

- **AS THE WIND ROCKS THE WAGON: AN AMERICAN ODYSSEY**: 52 min, grades 4-6: Experiences of families on the Oregon Trail between 1840 and 1870 are recreated based upon eyewitness accounts taken from diaries, letters, and memoirs.

- **BUFFALO BILL** (Portraits: The Americas Series #7): 15 min, grades 4-8: This biography represents an American who made a difference to his community, the nation and the world.

- **THE CHANGING PLATTE**: Grades 7-12, 2 part series:
  1. Part I focuses on the history and economic importance of the Platte, and presents a physical description of the River, emphasizing change and factors responsible for change.
  2. Part II gives a biological description of the early Platte River Valley and what impact changes described in Part I have had upon the biota of the River and River Valley. It focuses attention upon the use of the Platte River by sandhill cranes.

- **DANCE OF THE CRANES**: 60 min, grades 3-12: The ethereal majesty of the sandhill crane on its annual spring migration along central Nebraska’s Platte River Valley awes and excites the naturalist in people. Miles to the east, soaring at the entrance of Omaha’s Eppley Airfield terminal, John Raimondi’s monumental bronze sculpture Dance of the Cranes depicts two sandhill cranes in a graceful ritual dance. The spirit, freedom, and flight that Raimondi’s sculpture evokes is explored and follows the sculptor’s two-year process of evolution—from conceptualization to the final installation of the 60 foot tall piece.

- **FROM FARM TO TABLE** (Agriculture for Children Series): 23 min, grades K-4: Explore each step in the fascinating journey food takes from farm to table. Learn about the variety of crops that provide us with food and then visit an apple orchard to see how farmers grow and harvest the fruit. Learn about a variety of processes that foods undergo before they make their way to the store. See oranges being checked for quality and packaged for their trip to the store. Visit a factory for a close up look at how tomatoes are made into other food products like soup.

- **GEORGE NORRIS**: 15 min, grades 5-6: A special tele-session designed to acquaint students with the life and major legislative achievements of Nebraska’s progressive U.S. Senator. Featured in the lesson are a brief biographical sketch of the Senator’s early life and his later life, demonstrated by his key roles in the establishment of the Tennessee Valley Authority, the Unicameral Legislature of Nebraska, the Norris-LaGuardia Act, the “Lame Duck” amendment to the U.S. Constitution and rural electrification projects.

- **GROWING OUR FOOD** (Agriculture for Children Series): 23 min, grades K-4: Children will enjoy following along with our young hosts as they learn about the many different places crops can be grown: on trees, in fields, underground and even under water. Visits to a strawberry farm and an almond orchard give kids a close-up look at how these foods are grown and harvested.

- **HOME AT LAST**: 60 min, grades 4-8: Billy, a streetwise kid from New York City, is sent to Nebraska and is taken in by a Swedish farm family. Initially fearful and resentful, Billy doesn’t fit in, and he clashes with his
new family and adoptive father. Not until a terrible crisis occurs does Billy realize that for the first time in his life, he truly belongs and is “Home at Last”.

- **MR. WHISKERS WILL PAINT YOU A REALISTIC OUTDOOR PICTURE**: 6 lessons on one tape, grades K-6: Let this prairie mole and his old Uncle Thaddeus unveil to your youth group a most entertaining and educational outdoor picture. Lessons include:
  1. Helping Our Wildlife Friends (13 min)
  2. Birds of Nebraska: Part 1: Songbirds (20 min)
  3. Birds of Nebraska: Part 2: Raptors & Shorebirds (24 min)
  4. Birds of Nebraska Part 3: Game Birds (25 min)
  5. Fish of Nebraska (14 min)
  6. Mammals of Nebraska (16 min)

- **THE NEBRASKA ADVANTAGE**: 17 min: This video is provided by the Nebraska Feedlot Council. Feedlots have enabled cattle producers of Nebraska to make a bigger return on their investment. Nebraska’s supply of grain and sandhills grazing plus the support of government, human resources, transportation, research & development, processing, and financing all contribute to make cattle production become a Nebraska Advantage.

- **NEBRASKA CAPITAL: A SHARED VISION**: 30 min: No information available.

- **NEBRASKA COMMUNITIES**: 15-15 min lessons, grade 3: One semester study of community living that stresses an understanding of similarities between communities. Map and reference skills are emphasized, along with effective skills. An extensive classroom resource kit accompanies the series. Lessons include:
  1. Space
  2. Location
  3. Population
  4. Community
  5. Environment
  6. Environment: Natural and Human-made
  7. Interdependence
  8. Why People Live in a Community
  9. Specific Location (Residential, Business & Industrial Areas)
  10. Recreation
  11. Spaces of Special Meaning
  12. Spaces to Help People
  13. People in Communities Need Rules
  14. People in Communities Enforce Rules
  15. Review of Nebraska Communities

- **NEBRASKA NOW**: 27-20 min lessons, grade 4: Please note this series has been renumbered since some lessons tapes were no longer usable. This series is an inquiry approach to a “people-oriented” study of relevant Nebraska situations. Themes include cultural diversity, environmental influence and people in unity. Lessons include:
  1. All Kinds of People
  2. Indian Heritage
  3. Indians Today
  4. Chicanos Today
  5. Black Heritage
  6. Blacks Today
7. From Melting Pot to Salad Bowl
8. Nothing But Cornfields
9. Where the Deer and the Antelope Play
10. Home on the Plains
11. Young McDonald has a Farm
12. Water, Water Everywhere
13. Little Boxes on the Hillside
14. Downtown
15. Schools for Specialists
16. Hear the Whistle Blowing
17. Keep on Truckin’
18. Birds of a Feather
19. Pollution Problems
20. Pollution Solutions
21. Division of Labor
22. Interdependence
23. What Do Senators Do?
24. Interest Groups
25. Senators Make Decisions
26. Governor and Courts
27. Nebraska Panorama

- **NEBRASKA PORK: FOOD FOR THOUGHT:** DVD: 22 min, grade 4: An animated video that explains hog farming in Nebraska. The video tells the story of a suburban fourth-grader who knows nothing about hog farming, but comes to appreciate what is involved after a tour of a working farm. This is part of the 4th grade curriculum.

- **NI’BTHSKA OF THE UMO HO:** 3-30 min lessons, grades 6-9: Follow a 13 year old boy of the Omaha tribe through the first summer of his manhood. The story takes place around the year 1800 when the traditional Omaha culture was still intact. The series portrays a historically accurate and culturally sensitive presentation of Native American life and culture at a time when explorers had traded, but not settled along the Missouri River.
  1. Turning of the Child
  2. Becoming a Warrior
  3. The Buffalo Hunt

- **NORTH PLATTE CHITAUQUA 2000:** 60 min, 4 lessons on 1 tape, grades 4-12: Lessons include:
  1. Buffalo Bill & Mrs. Louisa Cody
  2. Rose Craig & Nellie Snyder Yost
  3. Keith Neville & Robert Leroy Cochran
  4. Bill Jeffers & Ed Bailey

- **THE OREGON TRAIL:** 32 min, grades 4-8: The hauntingly beautiful landscape & the elation and dissention come to life in this detailed account of America’s longest and most famous trail.

- **PIONEERING THE PLATTE:** 9 min, grade 4: Developed by the Central Nebraska Public Power & Irrigation District, tells the story of how Nebraska’s resource of water is handled through hydro plants for irrigation for the benefit of people, agriculture and wildlife.
• **PLATTE RIVER ROAD:** 90 min, grades 4-12: Current controversies surrounding the future of the Platte River are placed in their historical context as nearly two centuries of American exploration and development are retold in this profile of the Platte River. Richard Reeves narrates this blend of interviews and reenactments from Lewis & Clark’s 1804 expedition to 1991.

• **THE PONY EXPRESS:** 16 min, grades 4-8: Glossed over by all of the adventure & romance attached to it, most people don’t realize that the Pony Express lasted only nineteen months. It was a grand gamble that eventually led to bankruptcy of the three men who started it. Yet during its brief life span, it caught the fancy of the people, made a legend of the riders, and provided a vital link between California and the Northern States at the onset of the Civil War.

• **SANDHILLS ALBUM:** 60 min, grades 5-12: This program explores the life and lifestyles of ordinary people in Nebraska from the pioneering days of the late 1800’s through the Depression years, to today’s farmers and ranchers. It’s all done by looking at the photographic records kept by a pioneer, 1800’s photographer, a Depression days 1930’s lens man and some modern day photographers. The Nebraska ETV Network cameras record contemporary activities at various ranches and farms throughout the Sandhills, at a local saloon’s Independence Day celebration, and at a rodeo.

• **SONG OF THE PLAINS: THE STORY OF MARI SANDOZ:** 60 min: Mari Sandoz wrote more than 20 books on the lore of the American land that stretches from the Mississippi to the Rockies, the Indians and the Calvary, the cattlemen and the homesteaders, the trappers and the oilmen, and others who conquered the land are highlighted.

• **WE ARE ONE: NEBRASKA STUDIES UNIT I:** DVD & VHS, 8-15 min lessons, grade 4: This unit is designed as a conceptually based curriculum which provides experience in the understanding of time, geographical space and distance, weather and climate. Lessons focus on the process of observation, collection of data and analysis—all based in a Nebraska setting, along with the emphasis on general concepts and ideas. Lessons include:
  1. Where in the World?
  2. A Sandhills Adventure
  3. The Scavenger Hunt
  4. What Happened to Halloween?
  5. The Mysterious Mr. Jennings
  6. Animals and Chains
  7. Mother Nature—Friend or Foe
  8. Making Friends With The Environment

• **WE ARE ONE: UMO HO, UNIT II:** DVD & VHS, 8-15 min lessons, grade 4: This unit features an early 19th century family of the Omaha Indian Tribe, this series provides basic background information about the Omaha Indians and how tribal life and family life within the tribe was structured. The students are given the opportunity to understand the early Omaha culture and compare and contrast their lives to those of an early Omaha family in areas of family structure, personal responsibility, application of beliefs to life and daily routine.
  9. Morning Comes
  10. Learning From Others
  11. Turning of the Child
  12. Storytelling
  13. Becoming a Warrior
  14. Preparing for the Summer Hunt
  15. The Dare
16. The Buffalo Hunt

- **WE ARE ONE: UNIT III: BANBRYTARE: DVD & VHS, 8-15 min lessons, grade 4:** This is the story of a Scandinavian family who immigrate to Nebraska and establish a pioneer home in the 1870’s.

  17. The Big Decision
  18. Getting to Nebraska
  19. Getting Established
  20. By the Sweat of Thy Brow
  21. The Crisis
  22. Good Old Golden Rule Days
  23. Survival of the Fittest
  24. Heritage

- **WE ARE ONE: UNIT IV: LOS PEREGRINES MODERNOS: DVD & VHS, 8-15 min lessons, grade 4:** Centers on modern day immigrants in the form of a Hispanic family that migrates to Nebraska. The struggle of the family to fit into their surroundings while maintaining their cultural heritage is portrayed.

  25. The Homeless
  26. The Wretched Refuse
  27. The Huddled Masses
  28. Yearning to Breathe Free
  29. Send These To Me
  30. Give Me Your Poor
  31. Give Me Your Tired
  32. I Lift My Lamp Beside the Golden Door

- **WE ARE ONE: BUILDING OF AN EARTH LODGE: DVD & VHS, 7 min, grade 4:** The Earth Lodge is the center of the Native American family where religious ceremonies and social events were held. This program follows the recreation of an earth lodge as it was many years ago.

- **WHAT IS AGRICULTURE? (Agriculture for Children Series):** 23min, grades K-4: What better way to learn about agriculture than to visit farms! Children will enjoy following along as young hosts visit different kinds of farms, from a dairy farm to a farm that raises sheep for wool. Kids will get an up-close look at traditional ways of milking cows and collecting eggs, then discover that many farmers can do these same things with machines. They’ll learn how cotton is grown and spun into yarn. And they’ll even see how timber is milled into lumber that is used to build houses. On each adventurous field trip, children learn a multitude of fun and interesting facts about agriculture and its necessity in our lives.

- **WHERE FOOD IS GROWN (Agriculture for Children Series):** 23 min, grades K-4: Across the country and around the world, farms can look very different from one another, and they can grow lots of different kinds of food too! Young viewers learn that weather and climate are the biggest factors in determining what kinds of food can be grown in different parts of the world. Kids will learn that foods that aren’t grown in the United States can be imported from other countries and that U.S. products can be exported to other countries as well. Students also discover the types of food that are grown across the U.S. from cranberries in Massachusetts to apples in Washington State.

- **WILLA CATHER REMEMBERED:** 60 min: No description available.

**FILMSTRIPS, CASSETTES, TRANSPARENCIES & CD-ROMS:**
• **TO NEBRASKA THE GREAT AMERICAN DESERT:** SS-109, set of 2 filmstrips and 1 audio cassette tape with guide: This presentation is a collection of pictures showing Nebraska’s past & present, accompanied by narrative and music.

• **SITES & SOUND OF HISTORIC NEBRASKA HERITAGE:** Filmstrips & cassette tapes with teacher’s guide, by Dr. Robert Manley, 1972:
  - SS-120: My Heritage
  - SS-121: The First Nebraskans
  - SS-122 Trails West
  - SS-123: The Town Builders
  - SS-124: Longhorns & Cow Punchers
  - SS-125: Bugs & Fleas

• **NEBRASKA HISTORY SERIES:** SS-126-132, Set of 7 audio cassette tapes: This is a series of 119 short narrated stories about Nebraska History. The stories are from 2 to 4 ½ minutes in length.

• **A TOUR OF THE STATE CAPITAL OF NEBRASKA:** SS-151: Filmstrip and cassette tape.

• **NEBRASKA STUDIES TRANSPARENCIES:** SS-265: Set of 10 overhead transparencies: To accompany “Nebraskans”. Transparencies include:
  - Location of Nebraska in the U.S.
  - Early Trails and Railroads
  - Historic Sites
  - Origin of County Names
  - Nebraska’s Game Ranges
  - Rivers and Lakes
  - Nebraska’s Elevation
  - Population
  - Precipitation
  - Farm Products

• **Nebraskastudies.org PRE 1500:** CD-ROM

• **LISTEN TO THE LAND VOLUME II: TRAILS WEST:** 1974, set of 6 audio cassette tapes, 12 programs:
  - SS-436: Free Land for Free Men
  - SS-437: Boomers and Stickers
  - SS-438: Sod-House Days
  - SS-439: The Immigrants Frontier
  - SS-440: Blizzards and Bugs
  - SS-441: Prairie Heroes

• **SITES AND SOUNDS OF NEBRASKA: OUR PIONEER HERITAGE:** Filmstrips & cassette tapes with teacher’s guide, by Dr. Robert Manley, 1984:
  - SS-442: Our Family Album
  - SS-443: Voices From the Past
  - SS-444: Listen to the Land
  - SS-445: Sites & Sounds of Pioneer Nebraska
  - SS-446: “Nebraskans” Teacher’s guide, 1974 activities & transparency masters for teaching Nebraska Studies.
• **DOCUMENTS FROM NEBRASKA’S PAST 1776-1900**: SS-447: Set of 46 reproductions of Nebraska Historical Documents from the period of 1796-1900.

• **“DO YOU REMEMBER: HERITAGE FOODS”**: SS-448: Set of 70 slides in a carousel tray with script: About foods in Nebraska history and heritage.
SCIENCE

AGRICULTURE

- **DID YOU EVER WONDER: HOW ARE COMBINES & CEREAL MADE?:** 20 min, grades 3-6: Features a lesson on how the combine changed the dynamic of farming and a "grrreat" tour of the Kellogg’s Cereal Plant in Battle Creek, Michigan.

- **EVERYBODY NEEDS FOOD:** No description available.

- **FROM FARM TO TABLE (Agriculture for Children Series):** 23 min, grades K-4: Explore each step in the fascinating journey food takes from farm to table. Learn about the variety of crops that provide us with food and then visit an apple orchard to see how farmers grow and harvest the fruit. Learn about a variety of processes that foods undergo before they make their way to the store. See oranges being checked for quality and packaged for their trip to the store. Visit a factory for a close up look at how tomatoes are made into other food products like soup.

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- **FARMING (Bill Nye Series): DVD & VHS:** 30 min, grades 4-8: Almost everything we eat is grown on a farm. Farming is pretty complicated. These days, farmers have to practically be scientists.

- **GROWING OUR FOOD (Agriculture for Children Series):** 23 min, grades K-4: Children will enjoy following along with our young hosts as they learn about the many different places crops can be grown: on trees, in fields, underground and even under water. Visits to a strawberry farm and an almond orchard give kids a close-up look at how these foods are grown and harvested.

AIR

- **MAGIC SCHOOL BUS GOES TO AIR: DVD & VHS:** 30 min, grades 1-3: Topic: Air Pressure: We got assigned air, and it’s not fair! The only contribution the kids in Ms. Frizzle’s class have to give the Walkerville Space Capsule is an empty jar. "It’s not empty," argues Keesha. "It’s filled with...air!" "But air doesn’t do anything!" wails Ralphy. They discover the "air-ror" of their ways when they shrink and get stuck inside the jar - and all they find inside the "How-to-Get-Out-of-a-Pickle-Jar-When-You’re-the-Size-of-a-Snail Escape Kit" is...air!
ANIMALS

- **ADAPTATIONS & LIFE CYCLES** (Science Clips for Students Series): 18 min, grades 5-8: How do creatures adapt to life in the desert? Under the sea? Discover the amazing adaptations of plants and animals that enable them to survive and reproduce, there by passing their traits on to new generations. Viewers observe the patterns found in ecosystems all over Earth. Viewers will observe the plant life cycle and uncover some surprising similarities and intriguing differences between the plant and animal kingdom.

- **AFRICAN ODYSSEY**: 59 min, grades 5-12: National Geographic follows American zoologist Delia and Mark Owens to Africa, where they observe and study wildlife in the Kalahari Desert of Botswana, and then join in their search for a new study site in Zambia. This is a personal story of the trained scientists, their work to gather scientific data that will help wildlife conservation, the problems of conservation research, and challenge of working in remote African wilderness.

- **ALL ABOUT AMPHIBIANS** (Animal Life for Children Series) **DVD**: 23 min, grades K-4: They hop and swim, crawl and croak, have sticky tongues and like to soak. Who are they? Amphibians, of course! Children will enter the wet-and-wild world of frogs, toads, newts and salamanders, and discover their common characteristics and unique life cycles. Children will examine the differences between frogs and toads, and learn about the habitats that amphibians prefer. Through a scientific investigation, students will discover the different stages of a frog’s development, while a visit with a biologist invites children to take a close-up look at the eating habits of various amphibians, including the Argentine horned frog.

- **ALL ABOUT ANIMAL ADAPTATIONS** (Animal Life for Children Series) **DVD & VHS**: 23 min, grades K-4: Have you ever wondered why grizzly bears are brown and polar bears are white? Children will learn how nature has helped animals change their characteristics over extended periods of time. From body shape and color to adjusting their methods of finding and eating food, defending themselves and caring for their young, discover the adaptations of different animals that have enabled them to survive in their ever-changing surroundings. In a hands-on investigation, students will find out what environmental factors cause a Madagascan cockroach to hiss, while a visit with the curator of a zoo explores some of the more unique adaptations found in the animal kingdom.

- **ALL ABOUT ANIMAL BEHAVIOR & COMMUNICATION** (Animal Life for Children Series) **DVD & VHS**: 23 min, grades K-4: One of the important behaviors in the animal kingdom is communication—how animals get and give information. Children will learn about the instinctive and learned behaviors that help animals find food, protect themselves and care for their young. Students will also examine the many ways by which animals communicate—both verbally (a kitten’s meow) and nonverbally (the dance of a bee). A scientific investigation demonstrates how goldfish can be trained to learn new behaviors, while a visit to Guide Dogs of America explains how guide dogs are trained to assist those who are visually impaired.

- **ALL ABOUT ANIMAL LIFE CYCLES** (Animal Life for Children Series) **DVD & VHS**: 23 min, grades K-4: A life cycle is very much like a circle. Animals are born, grow into adults and reproduce, starting the cycle all over again. From tadpole to frog, egg to ostrich, and cub to lion, young students will learn about average animal life spans, the different stages of development and the role of reproduction. In an investigation about the stages of metamorphosis, children will watch in wonder as a caterpillar transforms into a pupa and then emerges as a butterfly. A field trip to a fish hatchery explores how baby rainbow trout are raised from egg to adult and then released into streams and lakes to help keep fish populations in balance.

- **ALL ABOUT ANIMAL NEEDS** (Animal Life for Children Series) **DVD & VHS**: 23 min, grades K-4: Animals need the same things people do—air, food, water and shelter. But each animal has different ways of fulfilling these needs. Children will explore the various ways in which animals stay healthy and full of energy—from the
water-loving camel to the mysterious navanax, who roams the ocean floor, acting as the “vacuum cleaner of the sea”. A hands-on investigation demonstrates how baby chicks are able to breathe while growing inside an egg, and a visit to the Shambala Preserve profiles how the needs of unwanted exotic animals are met on a daily basis.

- **ALL ABOUT BIRDS** *(Animal Life for Children Series)* **DVD & VHS**: 23 min, grades K-4: Is there any truth behind the saying “eat like a bird”? Are we all winged animal birds? And just what exactly do birds and reptiles have in common? Children will find out the answers to these questions and more. From the penguins of Antarctica to the ostriches of Africa, discover the unique characteristics of the almost 9,000 species of birds that inhabit Earth today. Viewers zip along with the speedy hummingbird during a visit to the aviary at the Arizona-Sonora Desert Museum, while a fun, hands-on activity demonstrates the specialized body parts that birds need to eat and digest their food. From feathers and eggs to beaks and backbones, find out what makes a bird a bird!

- **ALL ABOUT BUGS** *(Animal Life for Children Series)* **DVD & VHS**: 23 min, grades K-4: enter the wonderful world of bugs! Children will learn about many different kinds of bugs, including their common characteristics and the special roles they play in the circle of life. While some people may consider them “pests”, many bugs help to pollinate plants while others help to decompose plant and animal waste. In a fun, hands-on activity, children will make their own vacuum trap that allows them to easily collect bugs for up-close study. They’ll also join an entomologist—a bug expert—as he discusses important body features of bugs and how bugs adapt to survive in their environments.

- **ALL ABOUT DINOSAURS** *(Animal Life for Children Series)* **DVD & VHS**: 23 min, grades K-4: Over 65 million years ago—long before humans and many of today’s modern animals appeared—dinosaurs ruled the Earth. Children will explore the age when dinosaurs roamed the planet. Children will discover where dinosaurs lived and what they ate, while exploring a theory about how they became extinct. Learn the ins and outs of how dinosaur fossils were made, and take part in a lively, hands-on demonstration that shows how to make your own imprint fossils. Find out what modern animals are kin to the ancient dinosaurs, and travel to eastern Utah to take part in a fossil dig.

- **ALL ABOUT ENDANGERED & EXTINCT ANIMALS** *(Animal Life for Children Series)* **DVD & VHS**: 23 min, grades K-4: Children will learn about the natural and man-made factors that lead to the endangerment and extinction of animals. Discover how changing conditions on the Earth led to the extinction of the dinosaurs. Real-life examples help children comprehend the realities of the topic, addressing why it is every person’s responsibility to take care of the Earth’s many creatures. Includes an informative demonstration illustrating how birds can be affected by an oil spill.

- **ALL ABOUT FISH** *(Animal Life for Children Series)* **DVD & VHS**: 23 min, grades K-4: What makes a fish a fish? Can a fish live out of water? And just how do fish breathe underwater? Children will find out the answer to these questions and more. Viewers will learn about an amazing variety of fish, including sharks, stingrays, puffer fish, seahorses, and clownfish. This program examines the body structures of fish as well as how they reproduce, find food, and protect themselves in their watery world. Find out about special repellents that have been developed so scientists can safely spend time underwater learning more about sharks. Also, in an interesting hands-on experiment, kids will study the effects of temperature changes on a goldfish.

- **ALL ABOUT FOOD CHAINS** *(Animal Life for Children Series)* **DVD & VHS**: 23 min, grades K-4: Every living thing on the Earth needs energy to survive. But have you ever wondered where this energy comes from? Young students will learn about how energy from the sun is passed on from one living thing to another. Students will take a look at examples of various food chains, identifying the difference between producers, consumers and decomposers while examining the roles that they play. Young viewers will also climb aboard a research vessel to learn about the importance of plankton within the marine food chain. In addition, in a fun,
hands-on experiment, students will examine the composition of owl pellets in order to determine the owl’s role in the food chain.

- **ALL ABOUT MAMMALS** (Animal Life for Children Series) **DVD & VHS**: 23 min, grades K-4: What are mammals? Mammals are warm-blooded creatures such as dogs, cats, whales, bats...and people! Children will learn the common characteristics of mammals and what makes them different from other animals. All mammals have hair at some point in their lives, and a hands-on investigation demonstrates how hair enables mammals to stay warm. A visit with members of the Sea Otter Research Project at the Monterey Bay Aquarium shows how injured or orphaned sea otters are rehabilitated and returned to the wild.

- **ALL ABOUT REPTILES** (Animal Life for Children Series) **DVD**: 23 min, grades K-4: Explore the mysterious, often misunderstood, world of reptiles, and learn about their curious characteristics and daily habits. From snakes and lizards to iguanas and alligators. It will teach children where reptiles live, how they move, what they eat and how they protect themselves from becoming someone else’s meal. This program will compare the factors that make reptiles different from other animals, like amphibians. Students will take an up-close look at the constricting power and venomous bite of various snakes, while an experiment featuring a “lizard racetrack” examines how reptiles react to changes in temperature.

- **AMAZING NORTH AMERICA** (Really Wild Animals Series) **DVD**: 45 min, grades Pre K-4: From the frozen Arctic to the southern swamplands, kids will meet the amazing animals that make North America a continent full of surprises. Watch polar bears and white wolves struggling for survival on the icy tundra; alligators patrolling swampy waters of the Okefenoke; and ground squirrels battling rattlesnakes in the wild, wild West.

- **AMAZON, LAND OF THE FLOODED FOREST**: 59 min, grades 5-12: Board a canoe with naturalist Michael Goulding to explore an extraordinary world. Each year, months of rain cause the Amazon River to overflow its banks, flooding the adjacent forest. The unusual flooded forest ecosystem is home to a dazzling array of wildlife. Viewers discover fish swimming among the submerged tree trunks and unique animals and birds thronging the forest canopy.

- **AMPHIBIANS** (Animal Life in Action Series): **DVD & VHS**, 23 min, grades 5-8: From the early stages of their lives in water to their adulthood on land, amphibians are some of the more unique animals living on the planet today. In this program students will explore the world of frogs, toads, newts and salamanders to learn about their physical characteristics, environments and life cycles. This program traces the evolution of amphibians from prehistoric fish and also compares amphibians with the reptiles that they are often confused with. A herpetologist provides a closer look at the characteristics of amphibians, including specialized mucus of the African pixie frog, while a hands-on investigation explores the effects of population changes on tadpoles.

- **AMPHIBIANS** (Bill Nye Series): 30 min, grades 4-8: Frogs, toads, salamanders, newts, and caecilians (worm-like animals that have backbones) are all amphibians. Animals that spend part of their lives in water and part on land. They are also cold blooded; they keep the same body temperature all day.

- **ANIMAL ADAPTATIONS** (Animal Life in Action Series) **DVD**: 23 min, grades 5-8: Over thousands of years, the body and life cycle of an animal may change in order to adapt to a new or changing environment. Discover the various adaptations that different species have undergone. From the long neck of the giraffe to the white fur of the polar bear, see how changes over time in an animal’s environment have affected the lives of the generations that followed. A visit to the Arizona-Sonora Desert Museum examines some surprising secrets about the world’s pollinators, while a hands-on investigation demonstrates how crayfish have adapted to breathing underwater.

- **ANIMAL ADAPTATIONS: WHY DO ZEBRAS HAVE STRIPES?** (Science for You Series): 15 min, grades 3-4: No description available.
• **ANIMAL BEHAVIOR & COMMUNICATION** (Animal Life in Action Series) **DVD**: 23 min, grades 5-8: An animal’s behavior is everything an animal does, from a dog retrieving a stick to the migration of birds during the winter months. All animal behaviors can be separated into two types: instinctive and learned behavior. Students will learn about the various actions and reactions of animals, and will discover how animals can communicate both verbally and nonverbally. Students will also explore the symbolic relationships that different species share. A fun hands-on investigation demonstrates how a hamster can learn to successfully navigate a maze through trial and error, while a visit to America’s Teaching Zoo showcases the interactions between animals and those who are trained to care for them.

• **ANIMAL CLASSIFICATION** (Animal Life in Action Series) **DVD**: 23 min, grades 5-8: The Earth is filled with a spectacular array of animal life—so much that scientists have had to develop a system to arrange various groups. Students will learn what the terms Kingdom, Phylum and Order mean, and discover how the 3.5 million plus organisms found on the Earth fit into these specific categories. Students will learn why classification is so important in a visit to a local supermarket, while an intriguing look at crypto zoology sheds some light on “hidden animals”—mysterious creatures that are suspected of being real but are either extinct or have yet to be discovered.

• **ANIMAL INTERDEPENDENCY** (Animal Life in Action Series) **DVD**: 23 min, grades 5-8: From the frog in the pond to the lion on the plain, all animals are dependent on each other to satisfy their basic needs. No organism on Earth can exist independently and survive. This program delves into the complex relationships between living things, examining the endless cycle of interdependency know as the food web, as well as predator/prey and symbiotic host/parasitic relationships. In a hands-on investigation, students will observe a symbiotic relationship between two fish, while a visit to Thailand’s Sriachi Tiger Zoo profiles a uniquely structured interdependency that is helping to rejuvenate the population of Bengal tigers.

• **ANIMAL LIFE CYCLES** (Animal Life in Action Series) **DVD**: 23 min, grades 5-8: The life cycle is comprised of the various stages—birth, growth, maturation and reproduction—that animals pass through during their life. Students will examine the many stages that make up an animal’s life span, from the metamorphosis of a fruit fly to the maturation of orangutans. Students will also learn about the role of reproduction in the cycle and why it is critical to the survival of each and every species. A hands-on investigation examines the stages that the larvae of a milkweed bug undergoes on its way to becoming an adult insect, while a visit to the San Diego Wild Animal Park focuses on its captive breeding program for endangered cats.

• **ANIMAL LOCOMOTION** (Bill Nye Series): 30 min, grades 4-8: In this live-action, fast-paced program, Bill Nye the Science Guy checks out a millipede, which walks by coordinating the movement of its 200 feet, and introduces students to other creatures that move around without a leg to stand on. Along the way, students will meet lots of creatures that fly, swim, jump, burrow and crawl through the animal kingdom. Features comedy, music videos, and interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun.

• **ANIMAL NEEDS** (Animal Life in Action Series) **DVD**: 23 min, grades 5-8: Underwater, in the air or on land, all animals depend on a few basic things in order to meet their survival needs. Students will learn about the things animals need in order to grow, reproduce and survive successfully: food, water, oxygen, shelter, protection, space and an environment suitable for survival. In a fascinating demonstration students will observe how fruit flies respond to different environmental conditions, while a visit to the Long Beach Aquarium illustrates how this facility meets the needs of the animals that it houses.

• **ANIMALS IN SPRING AND SUMMER**: 13 min, grades 1-6: This tape explores the environmental changes that take place between winter and spring. It shows the habits of various animals and birds and the tasks they perform in spring and summer. Explain the differing lifestyles of herd animals, migratory animals, burrowing
animals, and predators. Nature rejuvenates the earth once again & melting snow gives way to sprouting vegetation. In a carefree, vernal settling, young animals master the lessons of survival as the drama of the wilderness life cycle unfolds in this revealing film. Predator and prey alike have much to learn. Adulthood comes quickly, and the young must begin to imitate the ways of their parents to ensure their own existence. Strong from a summer of nurture, they break away and another season begins.

- **ANIMALS OF THE RAINFOREST** (Rainforest for Children Series) **DVD**: 25 min, grades 3-6: The exotic sights and sounds of the rainforest come to life in this program that introduces students to many insects, reptiles, birds and other animals thriving in the layers of the tropical rainforest. The program presents facts about where animals live, what they eat, how they adapt to changes in their environment and how they protect themselves from predators. Includes information on iguanas and other lizards, jaguars, tapirs, coatimundis, snakes, sloths, spiders, caterpillars, worms, beetles, katydids, mantises, butterflies, frogs, grasshoppers, howler monkeys, spider monkeys, scarlet macaws, aracari, parrots, cattle egrets, hummingbirds, bats, woodpeckers, leaf-cutting ants and anteaters.

- **AWESOME ANIMAL BUILDERS** (Really Wild Animal Series) **DVD**: 45 min, grades Pre K-4: There’s no place like home, especially one you build yourself! Come see the construction sites where beavers, bears, and birds build their amazing animal abodes using their own “built in” tools.

- **BACKYARD SAFARI SERIES**: 13-30 min lessons, grade 3: This series motivates children to investigate the natural world and to develop positive connections with scientific practice. Lessons include:
  1. That’s My Baby
  2. Birds
  3. Butterflies
  4. Clouds
  5. Color
  6. Dinner Tools
  7. Dinosaurs
  8. Home Sweet Home
  9. Paper
  10. Rocks & Minerals
  11. Trees
  12. Working Together

- **BAT ADVENTURES**: 30 min, grades 2-6: In this episode explore the mysterious nocturnal world of the bat, one of nature’s most misunderstood creatures. Discover how bats use their natural sonar to communicate and find food, while learning what is being done to save them from extinction.

- **BEARS & DEER** (Disney’s Animal World Series) **DVD**: 2-16 min lessons, grades K-2: Learning about animals is fun when favorite Disney characters lead the way! Stunning live-action wildlife clips of animals in their natural habitats are combined with heart-warming footage from Disney’s animated classics to introduce youngsters to the world of animals.
  1. Bears: What large, lumbering, shaggy animal sleeps the winter months away and eats huge amounts of food in the summer? See remarkable film clips that reveal how bears live in the wild, and watch as Disney’s Winnie the Pooh enchants students with his endearing misadventures.
  2. Deer: Imagine if humans were able to walk on the day they were born. Students will be amazed to learn that a baby deer, or fawn, does just that! Students will be fascinated by these graceful creatures as they watch them in their natural habitat and in Disney classics such as Bambi and The Jungle book.
• **BIODIVERSITY** (Bill Nye Series): 30 min, grades 4-8: An ecosystem is made of plants and animals living together in an environment. The more different types of living things living in an ecosystem, the healthier that ecosystem.

• **BIODIVERSITY: WILD ABOUT LIFE:** 4-15 min, grades 5-9: A docudrama about four teenagers who discover the value of the variety of life on earth- from wolves to plants and wetlands to deserts- and are inspired by positive actions to safeguard it. Lessons include:
  1. Biodiversity Rules: The bald eagle, manatee, black-footed ferret, and Pacific yew illustrate the importance of biodiversity to our own survival and quality of life.
  2. Long Journeys: Migratory animals, such as the endangered whooping crane and hummingbird, provide reasons for protecting habitat beyond our state and national boundaries.
  3. Predators and People: Predators like the gray wolf and grizzly bear play an important role in healthy ecosystems. Careful research and compromise are often needed to help resolve people/predator problems.
  4. Joining forces for nature: People are forming partnerships to address conservation problem they can’t resolve alone. A good place to start is at the local level.

• **BIRDS** (Animal Life in Action) DVD: 23 min, grades 5-8: From the quick-winged hawk in the air to the long-legged ostrich on the ground, explore the world of our feathered friends. Learn about their physical characteristics, the yearly migration patterns that some birds embark on and how these winged creatures actually take flight. What does hydrodynamic mean? Find out when you come face-to-face with an emperor penguin, and learn about the unique physical characteristics of these land-based birds. Also, a scientific investigation demonstrates how an egg incubator can be used to hatch chickens.

• **BIRDS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy explores his fascination with birds by showing how they stay airborne, where they live and what they eat. Features comedy, music videos, and interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun.

• **CATS: CARESSING THE TIGER:** 59 min, grades 5-12: This special explores humanity’s long fascination with the domestic cat. Viewers observe the many parallels between domestic cats and their wild cousins, and they discover how scientists are seeking to demystify cat behavior. You will meet a man who rescues abandoned cats and they see how one woman’s cats are helping autistic children and lonely elderly people.

• **CHARACTERISTICS OF ANIMALS** (Science Clips for Children Series): 18 min, grades K-4: What do humans have in common with elephants and snapping turtles? What makes a bird a bird? How is your pet kitten different from a lion? Young viewers explore the traits that all living things possess and discover what makes us all different!

• **CRABS & OTHER CRUSTACEANS DVD:** 9 min, grades 5-10: Live-action film footage introduces the characteristics of Crustaceans with a focus on decapods, ten-legged Crustaceans such as crabs and shrimps. Films how female crabs and shrimp carry their eggs, how the larvae hatches and how they grow to adult size by shedding. Emphasizes the characteristic cephalothoraces. Species portrayed include velvet crabs, brown crabs, king crabs and hermit crabs and the freshwater species, the crayfish. Explains why the common barnacle is a Crustacean and notes that sand fleas on the beach are Crustaceans too.

• **THE CRAYFISH:** 11 min, grades 3-5: See a close look at the world of the crayfish. Students will be introduced to the basic anatomy, feeding habits, natural habitats and life cycle of this fresh water crustacean.

• **CREATURES OF THE MANGROVE:** 59 min, grades 5-12: Siaru, a tiny island off the coast of Borneo, hosts a complex ecosystem. Sea proboscis monkeys, fiddler crabs, and other creatures live among the island’s mangrove trees.
- **CREATURES OF THE SEA**: 30 min: Educational favorites, nature series.
- **C****R**ITTER **FRIENDS: LEARNING BY EXAMPLE** DVD: Children will explore and interact with creatures from the land and the sea in a unique animal filled experience that will encourage kids to show kindness to animals, kindness to each other, sharing and friendship. Watch children coo, smile, point, laugh, wiggle and dance as they interact with the other children in the show. Also included is the unique Layer of Learning option that adds social building words to children’s experience.
- **DEEP SEA DIVE** (Really Wild Animals Series) DVD & VHS: 45 min, grades Pre K-4: Dive into fun and explore the world’s oceans from surface to seafloor. Come face to face with great whales, friendly dolphins, scary sharks, and all the ocean’s amazing treasures.
- **DINOSAURS** (Bill Nye Series): 30 min, grades 4-8: Robin Leach ("Lifestyles of the Rich and Famous") and John Ratzenberger ("Cheers") drop by to help Bill Nye the Science Guy take a closer look at dinosaurs and what has been discovered about the lifestyles of the big and extinct. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists, and hands-on experiments to make the concepts presented understandable and fun.
- **DINOSAUR BONES DVD**: 12 min, grades Pre K-3: Children will learn fun facts about dinosaurs in this animated program, based on the book by Bob Barner.
- **DINOSAURS & OTHER CREATURE FEATURES** (Really Wild Animals Series) DVD: 47 min, grades Pre K-4: Travel back to the days of raging raptors and the terrifying Tyrannosaurus rex, when dinosaurs ruled the earth! Plus, see some of the world’s creepiest creatures such as spiders, ants, dung beetles, and more.
- **DINOSAURS: THOSE BIG BONEHEADS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye explores the fascinating world of dinosaurs. Look at fossils and learn why they take so long to form and how they tell us how much dinosaurs weighed and how fast they ran. Also, learn how to make your own fossil. Then, go on location in Utah and Colorado and try to figure out the sudden demise of the dinosaurs.
- **DISCOVERING PETS**: 8-15 min lessons, grades K-3: Designed to provide educators and parents with an added resource that can be used to help develop positive value formation in the humane treatment of animals, respect for animals in the wild as well as a responsible attitude necessary to become a pet owner. Lessons include:
  1.  Zoo-Willie Wants a Pet
  2.  Willie Visits a Veterinarian
  3.  Farm Animals
  4.  Lots of Love Pet Store
  5.  A Classroom Pet/ Humane Society
  6.  A Trip to the Nature Center
  7.  A Visit to the S.P.C.A.
  8.  Willie Gets a Pet
- **ECOSYSTEMS & HABITATS** (Science Clips for Children Series): 18 min, grades K-4: What kinds of plants and animals can be found in a forest? In a pond? On the ocean shore? Explore the amazing adaptations that allow living things to survive and reproduce in their environments. Children learn the vocabulary of ecology as they observe various food chains and gain an understanding of how interdependent all creatures are!
- **ELEPHANTS**: 59 min, grades 5-12: Visit Asia, Africa, and the United States to observe elephant behavior and to explore the age-old relationship between elephant and man. Now endangered in Asia and seriously threatened in Africa, the elephant maintains only a fragile existence in the wild. Wildlife scientists provide fascinating insights into the social structure, communication, and population dynamics of elephants.
- **EMBRYOLOGY**: grades 3-8, 3 lessons on 1 tape:
1. Let’s Hatch Some Chicks (20 min)
2. Watching Chicky Grow (29 min)
3. Happy Birthday Chick…Chick (11 min)

- **ENDANGERED & EXTINCT ANIMALS** *(Animal Life in Action Series)* **DVD**: 23 min, grades 5-8: While the Earth is filled with an enormous variety of animals. More than 90% of the animal species that have ever existed on our planet no longer exist. Students will learn how scientists determine whether an animal species is threatened or endangered and what factors put these populations in danger of extinction. Students will learn about the animals whose populations are affected today and the ways in which people are working to protect these species. Revisit the infamous Exxon Valdez oil spill and see how volunteers helped to save the threatened northern sea otters. In addition, a hands-on investigation tests two bodies of water for unhealthy chemical levels that could threaten aquatic life.

- **ETERNAL ENEMIES: LIONS & HYENAS**: 59 min, grades 5-12: Travel to northern Botswana in Africa and follow the intricately intertwined lives of lions and hyenas. Helpless at birth, playful as youngsters, the two species become arch rivals as adults. Predators and scavengers both, lions and hyenas are fierce competitors for prey on the African savanna.

- **EVOLUTION** *(Animal Life in Action Series)* **DVD**: 23 min, grades 5-8: Students will discover how the Earth’s animal species slowly developed and changed over the years—from the earliest forms of bacteria to the animals that exist today. Discover how animals best adapted to their environment were able to survive and reproduce, and explore the complex structure of DNA—the basic building block of life. A visit to the Arizona-Sonora Desert Museum examines the use of fossils in linking today’s living organisms with those of the past, while a fun, hands-on demonstration illustrates how the genes you inherited from your parents determine your physical traits.

- **EVOLUTION** *(Bill Nye Series)*: 30 min, grades 4-8: In this live-action, fast-paced program, Bill Nye the Science Guy compares the primordial to the present when he dabbles with Darwin and looks at his genes. Along the way, students will explore the surprising similarities shared by all living things and ponder the possibility that birds evolved from dinosaurs. Features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun.

- **EYEWITNESS AMPHIBIAN**: 35 min, grades 2-5: Based on the revolutionary book series. Imagine leading a double life—on land and in the water. Leap into the fascinating world of frogs, toads, and salamanders, and get a close-up look at the amazing variety of colors, shapes, and sizes in the amphibian family. Narrated by Martin Sheen.

- **EYEWITNESS ARCTIC & ANTARCTIC**: 35 min, grades 2-5: Based on the revolutionary book series. Arctic and Antarctic explores the life and legends of these harshly beautiful polar kingdoms. Journey to the ends of the earth where climate presents its greatest challenges to survival, and meet the remarkable animals that choose to live out in the cold. Narrated by Martin Sheen.

- **EYEWITNESS BIRD**: 35 min, grades 2-5: Based on the revolutionary book series. Soar through the sky and around the world in this exciting journey from the bird’s distant dinosaur past to its present astonishing variety. Look close-up at the staggering range of sizes, shapes, and habitats of these feathered creatures and experience the miracle of flight. Narrated by Martin Sheen.

- **EYEWITNESS JUNGLE**: 35 min, grades 2-5: Based on the revolutionary book series. Change your perception of this invaluable resource and recognize its significance as a refuge for the richest variety of plant and animal life on earth—and fully comprehend why this mysterious world is vital in maintaining our planet’s ecological balance. Narrated by Martin Sheen.
• **EYEWITNESS REPTILE:** 35 min, grades 2-5: Based on the revolutionary book series. Experience the alien world of these cold-blooded vertebrates, learning the truth about these often misunderstood creatures and uncovering reptilian facts that are stranger than fiction. Narrated by Martin Sheen.

• **FARMYARD FRIENDS** (Really Wild Animals Series) **DVD:** 45 min, grades Pre K-4: This farmyard safari proves that tame animals have really rowdy relatives in the wild. A farmyard family reunion includes everything from horses and cows to warthogs and zebras!

• **FISH** (Animal Life in Action Series) **DVD:** 23 min, grades 5-8: Osteichthyes, chondrichthyes, agnathans—what in the world do these terms mean? Each represents one of the major groups of fish living today—and there are nearly 25,000 species inhabiting the world’s oceans, lakes and streams! Students will explore characteristics and habitats of fish and learn how they are will-suited to survive in the underwater world. A field trip to an aquarium allows students to observe the unique reproductive behaviors of seahorses. In a fascinating demonstration, students will investigate how a fish’s “swim bladder” helps to keep it buoyant, allowing it to swim at varying depths despite the water pressure.

• **FISH** (Bill Nye Series): 30 min, grades 4-8: Take a dive underwater with Bill Nye the Science Guy when he studies fish. Along the way, students will explore the depths with these submerged creatures to discover how they breathe, grow and survive in the wet. Features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun.

• **FOOD CHAINS** (Animal Life in Action Series) **DVD:** 23 min, grades 5-8: Students will explore the cycle of energy and its many participants, from producers and consumers to the insects, fungi and bacteria that make up the family of decomposers. Students will examine various food chains, webs and the energy pyramid—structures that chart the flow of energy from one organism to another. A visit to a museum reveals an interesting benefit of the decomposers’ role in the food chain. Plus, a fun, hands-on experiment demonstrates how students can “grow” their own food chain with some boiling tap water and a few bits of hay or grass.

• **FOOD WEB** (Bill Nye Series): 30 min, grades 4-8: The lives of living things are intertwined—that’s why we scientists call it a food web. Mice are eaten by bats, snakes, birds, and foxes, to name a few. Insects are eaten by other insects, birds, snakes, cats, rats, raccoons, and even humans. All living things on the Earth’s surface need plants. The cool part about the food web is that living things are made of other living things. It’s a cycle—you’re either eating or being eaten.

• **FOSSILS AND DINOSAURS:** 14 min, grades 4-8: By viewing the video, discussing the concepts presented, and engaging in the accompanying activities, children will enhance their knowledge about the dinosaurs that once lived on Earth. Various dinosaurs and their characteristics will be introduced and discussed.

• **FROGS & OTHER AMPHIBIANS** **DVD:** 9 min, grades 5-10: Introduces Amphibians by comparing the habits and physical characteristics of frogs, tritons (newts), toads and salamanders. Films the mating habits of common toads, green frogs and alpine newts and the metamorphosis from embryo to tadpole to adult. Explains that there are over 5,000 species of frogs and toads that live on our Earth and that new species are constantly being discovered.

• **THE GRIZZLIES:** 59 min, grades 5-12: Visit Alaskan wilderness and Yellowstone National Park to learn the myths and realities about grizzly bears. Examine the problems that arise when man and bear must share the same environment.

• **GROWING FROGS** **DVD:** 10 min, grades Pre K-3: A presentation of the book by Vivian French. After reading a book about frogs, a young girl decides to bring home frog spawn from a pond in order to watch some real frogs grow. Over the next few days, the young girl follows the transformation of the spawn to tadpoles and frogs before returning the new frogs to their home.
• **A HOME FOR PEARL:** 4-20 min lessons on 1 tape, grades K-5: Teaches children about wildlife habitats and heightens their awareness of what our wild animal friends need to survive. The segments are divided into four separate units. Lessons include:
  1. The Robin
  2. Habitat Diversity
  3. Predators
  4. The Right Home for Pearl

• **IN THE COMPANY OF WHALES DVD:** 12 min, grades K-5: Children will learn all about whales in this educational live-action program featuring Discovery Channel footage. The program explores the different families of whales, shows how whales get along and communicates, and looks at how scientists study them.

• **IN CELEBRATION OF AMERICA’S WILDLIFE:** 30 min, grades 4-6: Students will discover why many wildlife species in the United States are more abundant now than during the past 100 years. They will watch wildlife biologists study black bears in Maine, trap and relocate wild turkeys in Missouri, desert bighorn sheep in the Southwest, and census caribou in Alaska. This program illustrates the importance of protecting and enhancing America’s wildlife agencies, professional wildlife biologists, universities, sportsmen, and landowners.

• **INSECTS & OTHER ARTHROPODS (Animal Life in Action Series) DVD:** 23 min, grades 5-8: The world of arthropods—particularly insects, spiders and crustaceans—is one of incredible variety. Combined, these animals outnumber all other forms of animal and plant life! Discover the differences between these three groups of arthropods—body structures, habits, and habitats—and look at the different ways they interact, survive extreme environments and benefit human beings. Students will meet a real Hollywood “bug wrangler”, who demonstrates how he controls bees so that they can be used to create exciting scenes for television and movies. They will also perform an experiment with pill bugs to see what type of living environment these little crustaceans prefer.

• **INVERTEBRATES (Bill Nye Series):** 30 min, grades 4-8: Bill Nye the Science Guy explores the world of invertebrates, noting how these spineless wonders far outnumber animals with backbones. In this episode, Bill shares invertebrates’ unique characteristics and explains why humans are dependent on them.

• **ISLAND OF THE GIANT BEARS:** 59 min, grades 5-12: They are the largest land omnivores in the world, even larger than their cousin, the Alaskan grizzly. Their 100 mile-long island home has recently become a playground for fishermen, hunters, and hikers. Inaccessibility once protected the giant bears of Kodiak Island in the Gulf of Alaska. But now, with the looming problems of land and recreation use, their isolation is doomed. How human impact is managed will determine whether Kodiak’s wilderness is conquered or saved and whether the bears remain its crown jewels.

• **JEWELS OF THE CARIBBEAN SEA:** 59 min, grades 5-12: From the Cayman Island to the Bahamas, St. Croix, Dominican Republic and Belize, world renowned underwater cinematographer, Howard Hall presents an underwater wild-life spectacular.

• **JUNGLE UNDER GLASS:** 59 min, grades 5-12: A documentary that follows the creation of the world’s largest indoor rain forest, the Lied Jungle at Omaha’s Henry Doorly Zoo. Spanning one-and-a-half acres and eight stories tall, under a fiberglass roof, The Lied Jungle springs to life playing host to some 2,000 species of tropical plants as well as such animal life as pygmy hippos, primates, tapirs, lizards, leopards and a variety of bats and birds. The program includes first-hand observations of rain forests in Costa Rica and Peru and tropical plant nurseries in Florida.

• **KEEPERS OF THE WILD:** 59 min, grades 5-12: This special introduces people who spend their lives caring for animals, from retired circus elephants to city-dwelling bats. Meet eight unique animal caretakers who
devote their lives to preserving the animal kingdom. Life in captivity can never take the place of living in the wild, but for some animals, it may be the only way to assure the survival of their species. Fortunately, keepers have made it their mission to ensure that animals in captivity get the best possible treatment.

- **LET’S EXPLORE ANIMALS** (Science is Elementary Series): 15 min, grades K-2: Consider the differences in animal sizes, movements, and homes. Investigate animals’ needs for survival and their usefulness to people. Exploration: Why do animals have camouflage and other specialized body parts?

- **LIFE CYCLE OF A FROG DVD**: 13 min, grades 3-6: Frogs lay numerous eggs because there are many hazards on the way to becoming a full-grown frog! The lucky ones that actually manage to hatch start out on a perilous journey. Now students can view the basic concept of evolution by viewing this factual presentation. Help your students grasp the concept of life cycles, not only in frogs, but in other forms as well.

- **LIFE IN THE CITY HABITAT** (Life Habitat Series #5): 14 min, grades 2-5: Children discover some of the ways that plants and animals have adapted to life in the city. Pigeons, sparrows, bats, chimney swifts, squirrels, even the peregrines who have begun to nest in tall city buildings, will be studied, as well as many plant forms which have adapted to urban living.

- **LIONS OF THE AFRICAN NIGHT**: 59 min, grades 5-12: Darkness descends on the African bushveld, and the night comes alive. Focusing on a pride of 30 lions, this program captures the sights and sounds of Africa after dark. Follow the lions as they hunt and eventually succeed in bringing down a wildebeest; baboons nestle in the treetops; saucer-eyed night apes leap from limb to limb; and beetles drum out mating calls. As dawn returns, the lions search for a shady resting spot, and other animals retreat to their burrow, holes and dens.

- **LIVING AND NONLIVING THINGS**: DVD: 12 min: Students learn that all living things have needs and some of these are air, water, and energy from food. They are shown how to tell the difference between living and nonliving things. They also learn that plants are living things and see how their needs are met and how they move, grow, and change. Finally, they compare objects at home, in a pond, in a neighborhood, and on a farm, and group them as either living or nonliving.

- **MAGIC SCHOOL BUS THE BUSASURAUS**: DVD & VHS: 30 min, grades 1-3: Topic: Dinosaurs: Ms. Frizzle takes the class on a dinosaur dig, courtesy of her old school chum, paleontologist Dr. Carmina Skeledon, and travels 67 million years back in time!

- **MAGIC SCHOOL BUS COLD FEET**: DVD ONLY: 30 min, grades 1-3: Topic: Warm/Cold-Blooded: Liz has gone off to a mysterious place called “Herp Haven”. Thinking she is in trouble, the class rushes to Herp Haven, where they turn into reptiles.

- **MAGIC SCHOOL BUS CRACKS A YOLK**: DVD ONLY: 30 min, grades 1-3: Topic: Eggs: When the principal, Mr. Ruhle, has to go away for a few days, he leaves his beloved chicken, Giblets, in Dorothy Ann’s care. Unfortunately, the minute Mr. Ruhle is out the door, Giblets flies away. How will D.A. ever find another prize Rhode Island Red to replace Giblets? Where do you get chickens, anyway? And which came first, the chicken or the egg? Next thing D.A. knows, she and her class are seeing how an egg is made - from the inside out! But will this egg have everything it needs to turn into Giblets the Second?

- **MAGIC SCHOOL BUS GETS EATEN**: DVD & VHS: 30 min, grades 1-3: Topic: The Food Chain: Arnold and Keesha forget their homework - to bring in two beach things that go together -- so they improvise. He has a shoe filled with pond scum he stepped in on the way to school. She has a tuna sandwich for her lunch. Ms. Frizzle thinks it’s a brilliant combination. On the class field trip to the ocean, Arnold and Keesha search for the connection between scum and tuna. The bus and class shrink, travel through the food chain - and get eaten by a tuna fish! From inside the tuna's stomach, Keesha makes the connection. Scum is a kind of algae and algae and tuna are part of the same food chain. Now, if they can just get out of that fish!
- **MAGIC SCHOOL BUS GOES TO MUSSLE BEACH**: DVD ONLY: 30 min, grades 1-3: Topic: Tidal Zones:
The class is enjoying a normal day at the beach until Ms. Frizzle discovers a letter from Uncle Shelby. He needs the class to look after his beachfront property. The kids soon discover that his supposedly luxurious accommodation is actually a tiny spot on the shoreline. Why would anyone live in a spot where you’re battered by waves at high tide and baked by the sun at low tide? To find out the answer, Ms. Frizzle turns the kids into...mussels!

- **MAGIC SCHOOL BUS GOES UPSTREAM**: DVD ONLY: 30 min, grades 1-3: Topic: Migration: Ralphie wants to serve salmon at the annual school picnic, but he can’t find any at his favorite fishing spot. But when the kids are “Frizzled” inside a salmon-bus they have an uncontrollable urge to head upriver.

- **MAGIC SCHOOL BUS GOING BATTY**: DVD & VHS: 30 min, grades 1-3: Topic: Bats: When Ms. Fizzle invites the class’s parents for a meeting to demonstrate the exciting things their children are learning about nocturnal animals, Ralphie becomes convinced that the Friz is a vampire and are bats a dangerous threat to their parents. How does Ms. Frizzle overcome Ralphie’s bad bat rap?

- **MAGIC SCHOOL BUS HOPS HOME**: DVD & VHS: 30 min, grades 1-3: Topic: Habitat: When Wanda’s pet frog, Bella, jumps out an open window, Ms. Frizzle shrinks the bus into a mechanical frog and takes her now-tiny class on a hop-along adventure.

- **MAGIC SCHOOL BUS IN A BEEHIVE**: DVD & VHS: 30 min, grades 1-3: Topic: Honeybees: Tim’s beekeeper grandfather has the sweetest honey in town. Ms. Frizzle turns her class into bees so they can visit a hive and learn how raw honey is processed firsthand.

- **MAGIC SCHOOL BUS IN A PICKLE**: DVD ONLY: 30 min, grades 1-3: Topic: Microbes: Keesha and the class return from vacation to find her prize cucumber has turned into a pickle! Could the Mike Robe gang be to blame?

- **MAGIC SCHOOL BUS IN THE CITY**: DVD & VHS: 30 min, grades 1-3: Topic: City Critters: Ms. Frizzle's class is visiting the zoo, which is, according to Tim, the only place in the city where a wild animal can survive. To test this idea - ZAP! – Ms. Frizzle turns them all into possums, foxes, and falcons! The bus, with Liz inside, becomes a bear, and, unfortunately, wanders off looking for food. Will the kid-animals be able to find the bus-bear before the zookeeper does? And is Tim right? How could animals like themselves survive in the city?

- **MAGIC SCHOOL BUS TAKES A DIVE**: DVD & VHS: 30 min, grades 1-3: Topic: Coral Reefs: When Wanda finds out that one of Ms. Frizzle's ancestors was Redbeard the Pirate, she naturally wants to follow the treasure map he left. The map leads them to a coral reef, and the kids find out firsthand that life here is risky. To survive, some plants and animals sometimes form the most surprising partnerships. But Wanda's not interested in partnerships. She just wants to find that treasure. To get the kids in the swim of things, Ms. Frizzle turns them into different sea creatures, and Wanda-Anemone, Wanda-Shrimp, and then Wanda-Remora begins to understand that partnerships are more important than she thought.

- **MAMMALS** (Animal Life in Action Series) DVD & VHS: 23 min, grades 5-8: We all know that humans are mammals, but how do we compare to fellow mammals such as apes, kangaroos, dolphins and others? This program presents the similar characteristics that all mammals share – from nursing their young to displaying hair – while studying what makes them different, such as how monotreme, marsupial and placental mammals reproduce. Students will learn about the incredible variety of mammals that survive in different environments and discover what traits make these animals more advanced than others. In a hands-on investigation, students will simulate how the amazing natural insulation of blubber keeps whales warm in cold water.

- **MAMMALS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy examines the mammal family in this episode & Bill explains what it takes to be a mammal, covering mammals from humans and moose to cats and rats.
• **MARCH OF THE PENGUINS DVD**: 80 min, grades 3-12: This live-action feature documents a year in the life of emperor penguins, capturing one flock’s annual trek across the harsh Antarctic terrain to their traditional breeding grounds.

• **MARINE & OTHER INVERTEBRATES** (Animal Life in Action Series) **DVD**: 23 min, grades 5-8: Did you know that there are far more invertebrates – animals with no backbones – than there are vertebrates? The lack of a backbone is the one thing that all invertebrates have in common. Other than that, invertebrates are more different than they are alike. They look very different, live in many different environments, get their oxygen in different ways, move differently, feed differently and reproduce differently. Examine this eclectic group of creatures, from the basic sponge to the diverse mollusks. In a hands-on investigation, students will test which environmental factors worms respond to, while a visit to a jellyfish laboratory at the Cabrillo Marine Aquarium delves into the mysterious life cycle of these slimy invertebrates.

• **MARINE MAMMALS** (Bill Nye Series): 30 min, grades 4-8: Marine mammals may look like big fish, but Bill Nye the Science Guy explains how they’re more like humans. Listen closely to hear mammals communicate underwater, and find out how our “relatives at sea” have found ways to live in oceans all around the world. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun.

• **MONTEREY BAY AQUARIUM**: 30 min, grades 3-8: Undersea communities are remarkable as any on earth lie hidden beneath the waters of Monterey Bay. Go behind the scenes at the internationally acclaimed aquarium and bring this mysterious world to light.

• **MR. WHISKERS WILL PAINT YOU A REALISTIC OUTDOOR PICTURE**: 6 lessons on one tape, grades K-6: Let this prairie mole and his old Uncle Thaddeus unveil to your youth group a most entertaining and educational outdoor picture. Lessons include:
  1. Helping Our Wildlife Friends (13 min)
  2. Birds of Nebraska: Part 1: Songbirds (20 min)
  3. Birds of Nebraska: Part 2: Raptors & Shorebirds (24 min)
  4. Birds of Nebraska Part 3: Game Birds (25 min)
  5. Fish of Nebraska (14 min)
  6. Mammals of Nebraska (16 min)

• **THE NEW ZOOS**: 60 min, grades 4-8: Visit zoos around the country that are working to improve the lives of their animals. To restore wild animal populations, zoo keepers are studying each animal’s native habitats, diet and behavior so they can anticipate the animals’ needs.

• **OCEAN LIFE** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy explores the ocean's food chain. In this episode, Bill goes underwater to talk about ocean ecosystems and the importance of small organisms such as coral, plankton and kelp.

• **OCEAN LIFE**: 30 min: Nature series, educational favorite.

• **OCEANS ALIVE I**: 20-5 min lessons, grades 4-8: Series which supports teaching of themes in science as illustrated by marine animals filmed on location in oceans around the world. Demonstrates how they relate to other living things, including humans, and shows how they are classified. Ecosystems are defined, energy flow is described, and the series empowers students to act responsibly toward ecosystems. Programs focus on predation, symbiosis, defense, food chain, camouflage, and habitat. Lessons include:
  1. Oceans Alive! Introduction
  2. Predation
  3. Cnidarians
  4. Living Rock
5. The Coral Jungle
6. Life Together
7. The clownfish and the anemone
8. Protection By Deception
9. Camouflage
10. Armed And Dangerous
11. Prosobera
12. Crustacean
13. Echinoderms
14. What Is A Fish
15. Fish Senses
16. Sharks And Rays
17. Respiration
18. Undersea Eyes
19. The Deep Blue Sea
20. Reproduction

- **OCEANS ALIVE II:** 20-5 min lessons, grades 4-8: Series of programs designed to support the teaching of themes in science as illustrated by marine animals filmed on location in oceans around the world. In life science, the series defines the characteristics of living things, shows how they function, grow and interact, demonstrates how they relate to other living things, including humans, and shows how they are classified. Ecosystems are defined, energy flow is described and the series empowers students to act responsibly toward ecosystems. Part II of Oceans Alive focuses on marine mammals, terrestrial habitat, ocean environments, and marine invertebrates. Lessons include:

21. Introduction to Oceans Alive II
22. Marine Mammals I
23. Dolphins
24. Sea Birds
25. Salt Marsh
26. Food Web
27. Plankton
28. Mollusks
29. Sand Country
30. Homes
31. Islands Under the Sea
32. Slugs
33. Tunicates
34. Amazing Rays
35. The Cleaning Station
36. The Deep Ocean
37. Colors & Patterns
38. Tides
39. Water, Water, Everywhere
40. People & the Sea

- **PARAMECIA & OTHER PROTISTS DVD:** 9 min, grades 5-10: Introduces paramecia as examples of the ciliate phylum, unicellular organisms in the Protist kingdom that are found in all environments. Live-action
photography captures the various ways these single-celled organisms move, reproduce and feed, and observes that unicellular Protists are far more numerous than the multicellular ones. Includes rotifers, daphnia, euplotes, cryptomonas, stentors, vorticellae, amoebae, euglenas, and brown and green algae as well as trypanosomes and plasmodia that feed on humans and cause disease.

- **Penguins** (Disney’s Animal World Series): 16 min, grades K-2: Learning about animals is fun when favorite Disney characters lead the way! Stunning live-action wildlife clips of animals in their natural habitats are combined with heart-warming footage from Disney’s animated classics to introduce youngsters to the world of animals. How can penguins, who waddle cumbersomely on land, be such fast and agile swimmers? What purpose does their distinctive coloring serve? Stunning footage shows penguins throughout their life cycle, and Disney’s winsome animated penguins illustrate behavior characteristic of their real-life counterparts.

- **Penguins and Seals and Sea Lions** (Disney’s Animal World Series) DVD: 2-16 min lessons, grades K-3: Learning about animals is fun when favorite Disney characters lead the way! Stunning live-action wildlife clips of animals in their natural habitats are combined with heart-warming footage from Disney’s animated classics to introduce youngsters to the world of animals.
  1. **Penguins:** How can penguins, who waddle cumbersomely on land, be such fast and agile swimmers? What purpose does their distinctive coloring serve? Stunning footage shows penguins throughout their life cycle, and Disney’s winsome animated penguins illustrate behavior characteristic of their real-life counterparts.
  2. **Seals & Sea Lions:** Watch these slippery creatures use their paddle-like flippers as they navigate water, rocks, and shore to eat and to survive. Enjoy gorgeous nature footage, complemented by the spirited antics of animated seals from Disney’s Mickey and The Seal and The Jungle Book.

- **Polar Prowl** (Really Wild Animals Series) DVD: 45 min, grades Pre K-4: Get ready for chills and thrills at the ends of the Earth with playful penguins, slippery seals, and hungry humpback whales. Pal around with a polar bear and her cuddly cubs, toothy walruses, and killer whales that rule in the cool.

- **Ponds & Lakes** (What’s It like Where You Live? Series): Take a road trip to Shaw Arboretum, where they investigate a pond. Test for temperature and dissolved oxygen level and collect pond critters for examination. Study the relationship between their data and the life in the pond. Learn about the water cycle and contact a school near the shores of Lake Michigan to find out how a lake is different from a pond.

- **Populations** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy examines populations of different animals, from flocks of chickens to prides of lions and gaggles of geese. Bill explores how these living groups compete for food, homes and space.

- **Protecting Our Endangered Species:** video & resource guide, grades 4-8: The underlying question of the program is: How can human beings find the balance between the desire to improve life (through land development and industrial activity) and the need to protect and maintain plant & animal wildlife for future generations? Children talk about habitats, what endangered species are, why animals become extinct and how they would feel if their favorite animal disappeared from the Earth.

- **Rainforest Voices:** 48 min, grades 3-8: Exquisite footage of the lush Costa Rican rainforest captures close-up views of hummingbirds, scarlet macaws, toucans, poison dart frogs, and howler monkeys.

- **Really Wild Animals Series** DVD: grades Pre K-4:
  1. **Amazing North America:** 45 min: From the frozen Arctic to the southern swamplands, kids will meet the amazing animals that make North America a continent full of surprises. Watch polar bears and white wolves struggling for survival on the icy tundra; alligators patrolling swampy waters of the Okefenoke; and ground squirrels battling rattlesnakes in the wild, wild West.
2. **Awesome Animal Builders**: 45 min: There’s no place like home, especially one you build yourself! Come see the construction sites where beavers, bears, and birds build their amazing animal abodes using their own “built in” tools.

3. **Deep Sea Dive DVD & VHS**: 45 min: Dive into fun and explore the world’s oceans from surface to seafloor. Come face to face with great whales, friendly dolphins, scary sharks, and all the ocean’s amazing treasures.

4. **Dinosaurs & Other Creature Features**: 47 min: Travel back to the days of raging raptors and the terrifying Tyrannosaurus Rex, when dinosaurs ruled the earth! Plus, see some of the world’s creepiest creatures such as spiders, ants, dung beetles, and more.

5. **Farmyard Friends**: 45 min: This farmyard safari proves that tame animals have really rowdy relatives in the wild. A farmyard family reunion includes everything from horses and cows to warthogs and zebras!

6. **Polar Prowl**: 45 min: Get ready for chills and thrills at the ends of the Earth with playful penguins, slippery seals, and hungry humpback whales. Pal around with a polar bear and her cuddly cubs, toothy walruses, and killer whales that rule in the cool.

7. **Swinging Safari**: 44 min: Come along on a wild African safari and experience the amazing ways that animals like cheetahs, crocodiles, rhinos and elephants survive. Experience life in a lion pride, what it’s like to be a chimp, and much more.

8. **Totally Tropical Rainforest DVD & VHS**: 40 min: Take a totally tropical trip to the rain forest and meet spotted jaguars, colorful poison-arrow frogs, slow-moving sloths, and loud-mouthed howler monkeys – all captured by the world’s finest filmmakers in the wildest place in the world.

9. **Wonders Down Under**: 45 min: Travel to the land “down under” and learn why the animals of Australia are so darn unusual! From leaping kangaroos to paddling platypuses to cuddly kolas, kids won’t believe the amazing variety of animals that make this island world their home.

- **REALM OF THE ALLIGATOR**: 59 min, grades 5-12: Thousands of alligators inhabit the watery wilderness of Okenfenokee swamp. Supreme ruler of the peat swamp, 47 min, grades Pre K-4: Travel back to the days of raging raptors and the terrifying Tyrannosaurus Rex, when dinosaurs ruled the earth! Plus, see some of the world’s creepiest creatures such as spiders, ants, dung beetles, and more 47 min, grades Pre K-4: Travel back to the days of raging raptors and the terrifying Tyrannosaurus Rex, when dinosaurs ruled the earth! Plus, see some of the world’s creepiest creatures such as spiders, ants, dung beetles, and more. The alligator, is more than cold-blooded and at night red-eyed. This detailed portrait reveals it as a skilled communicator and even a conscientious parent.

- **REFLECTIONS ON ELEPHANTS**: 59 min, grades 5-12: Award-winning filmmakers, Dereck and Beverly Joubert, take an unprecedented look at African elephant society. Their cooperation, their memory and their communication in this special focuses on the behavior that makes elephants unique and precious.

- **REPTILES (Animal Life in Action Series) DVD & VHS**: 23 min, grades 5-8: The remarkable reptiles, with their fangs, claws and scales, are often portrayed in movies as monstrous creatures trying to take over the world! Actually, these descendants of the dinosaurs are among the most well-adapted groups in the animal world, and they play an important role in keeping our environment in balance. Study the unique characteristics and habits of snakes, lizards, crocodiles, alligators and turtles, and learn how they protect themselves and capture their prey. A fascinating investigation shows kids how chameleons use camouflage by examining how they blend in with bark or leaves. Visit with a herpetologist – a scientist who studies reptiles – and closely examine how snakes’ fangs are “milked” of their poison.

- **REPTILES (Bill Nye Series)**: 30 min, grades 4-8: Unlike humans, reptiles do not maintain a constant body temperature all day; they are cold-blooded. Reptiles have scaly skin and no hair. Reptiles have special ways of living in many different places on Earth.
- **REPTILES AND INSECTS, LEAPIN’ LIZARDS** (Bill Nye Series): 30 min, grades 4-8: Join Bill Nye, Science Guy as he slithers through another mind-stimulating adventure. Go up close and personal with turtles, lizards, snakes and other members of the reptile family. Then, buss over to the insect world as Bill explores swarms of bees, beetles, crickets and more.

- **SEA WORLD** (Field Trip Series): 25 min, grades 2-6: We see whales, but now we can touch them and see how they are trained and how intelligent they are. Learn about exploration of the seas.

- **SECRET OF THE POND** (Life Habitat Series): 12 min, grades 2-5: A group of children visit a pond, where they discover a number of interesting and unique life forms, and one of the oldest secrets of the world—the food chain. They investigate the plant and animal life in the pond.

- **SEE HOW THEY GROW: SEA ANIMALS**: 30 min, grades K-4: See how an underwater wonderland becomes the cradle of life for a fast growing little ray, pipefish, cuttlefish, and hermit crab. Narrated by the baby animals themselves, it’s an irresistible look at young lives on the grow!

- **SERENGETI DIARY**: 59 min, grades 5-12: Accompany wildlife photographer, Baron Hugo van Lawick on a journey in and around Serengeti National Park. An amazing array of African animals lives in the vast ecosystem. View the Serengeti through the eyes of a Masai elder, a bush pilot, and a wildlife biologist.

- **SHARKS**: 13 min, grades 1-4: Gail Gibbons introduces viewers to the world of sharks. Several of the 350 known species highlighted with facts about sharks, as well as advice on how to react if encountering a shark while in the water.

- **SNAKES AND FROGS & TOADS** (Disney’s Animal World Series) DVD: 2-16 min lessons, grades K-3: Learning about animals is fun when favorite Disney characters lead the way! Stunning live-action wildlife clips of animals in their natural habitats are combined with heart-warming footage from Disney’s animated classics to introduce youngsters to the world of animals.

- **THE SIX KINGDOM CLASSIFICATION PART I**: DVD, 17 min; Explains the rationale for the modern six kingdom classification. Gives a brief history of classification, then presents organisms of the Animal Kingdom; the Plant Kingdom; and the Fungi Kingdom.

- **THE SIX KINGDOM CLASSIFICATION PART II**: DVD, 19 min; Explains the rationale for the modern six kingdom classifications. Illustrates the characteristics of each kingdom, then presents the Protista Kingdom; Eukaryotic Cells; Prokaryotic Cells; Eubacteria Kingdom; Archaeabacteria Kingdom. Discusses domains.

- **STORY OF THE WOOLNDLAND STREAM** (Life Habitat Series): 15 min, grades 2-5: Children investigate the plant and animal life in the stream habitat. They learn about the water cycle and erosion.
• **SWINGING SAFARI** (Really Wild Animals Series) **DVD**: 44 min, grades Pre K-4: Come along on a wild African safari and experience the amazing ways that animals like cheetahs, crocodiles, rhinos and elephants survive. Experience life in a lion pride, what it’s like to be a chimp, and much more.

• **TEMPERATE OCEANS** (What’s It like Where You Live? Series): 34 min, grades 4-8: Investigate several abiotic factors of marine ecosystems. Concentrating on currents and salinity, “El Nino”, and how ocean temperatures affect climate. Certain organisms have adapted to life in the shallow waters and others to deep, dark sea. Learn about adaptations on a trip along the Pacific coast as well as organisms on display in aquariums.

• **THOSE WONDERFUL DOGS**: 59 min, grades 5-12: Travel around the world to celebrate the relationship human beings and working dogs have long enjoyed. It shows in New Zealand, dogs herd sheep across mountainous terrain: in the United States, a disabled student learns independence with the help of a canine companion; in Alaska, Susan Butcher and her sled dogs endure a grueling cross-country race; and in Mexico, rescue dogs hurry to locate victims of an earthquake.

• **TOTALLY TROPICAL RAIN FOREST** (Really Wild Animals Series) **DVD & VHS**: 40 min, grades Pre k-4: Take a totally tropical trip to the rain forest and meet spotted jaguars, colorful poison-arrow frogs, slow-moving sloths, and loud-mouthed howler monkeys – all captured by the world’s finest filmmakers in the wildest place in the world.

• **TROPICAL OCEANS** (What’s It like Where You Live? Series): 34 min, grades 4-8: Explore the largest coral reef in North America found in Central America. Find many interesting creatures as they dive below the waves and examine life in and around the reefs, as well as the mangrove caves. Learn about several symbiotic relationships found in these warm waters.

• **TROPICAL RAINFOREST**: 40 min, grades 3-8: Features the birds and primates of the forest canopy and the insects of the forest floor. Also shows the adventures of researchers challenged to understand the forests even as they disappear. From close up to tree top views, the film lets the audience experiences the forest on its own terms to better understand and appreciate the treasures of this environment.

• **UP CLOSE & NATURAL**: 15- 15 min lessons, grades 1-4: Designed to develop awareness and sensitivity to the world around the young child. Students are encouraged to sharpen skills in observation, description, and classification. Lessons include:
  1. Introduction
  2. Animals Without Backbones
  3. Insects
  4. Fish
  5. Toads, Frogs and Salamanders
  6. Turtles
  7. Snakes
  8. Birds
  9. Mammals
  10. Winter at Squam Lake
  11. In the Forest
  12. The Pond
  13. Marsh and Swamp
  14. Out in the Fields
  15. Outside Your Door
• **WETLANDS** (What’s It like Where You Live? Series): 30 min, grades 4-8: Learn about the crucial role wetlands play as a stopping place for migrating birds. Discover that wetlands—marshes, swamps and bogs—are natural water filters. Rendezvous with kids living near the Florida Everglades, paddle through a swamp in southern Missouri and explore a gigantic marsh in Central America. A flight over Alaska surveys bogs from the air.

• **WETLANDS** (Bill Nye Series): 30 min, grades 4-8: Shows how swamps, bogs and marshes help control floods, naturally filter water and provide a good home to a lot of living things, especially wildlife.

• **WAHLES** (Disney’s Animal World Series): 16 min, grades K-2: Learning about animals is fun when favorite Disney characters lead the way! Stunning live-action wildlife clips of animals in their natural habitats are combined with heart-warming footage from Disney’s animated classics to introduce youngsters to the world of animals. Wild whale tales abound, as you’ll see in several madcap moments from Disney’s Pinocchio and The Lion King’s Timon & Pumba. Students will learn amazing facts about whales—how they navigate great distances and why they have blowholes—in fascinating underwater footage of these huge marine mammals.

• **WHALES & SHARKS** (Disney’s Animal World Series) DVD: 2-16 min lessons, grades K-3: Learning about animals is fun when favorite Disney characters lead the way! Stunning live-action wildlife clips of animals in their natural habitats are combined with heart-warming footage from Disney’s animated classics to introduce youngsters to the world of animals.
  1. Whales: Wild whale tales abound, as you’ll see in several madcap moments from Disney’s Pinocchio and The Lion King’s Timon & Pumba. Students will learn amazing facts about whales—how they navigate great distances and why they have blowholes—in fascinating underwater footage of these huge marine mammals.
  2. Sharks: There are nearly four hundred different kinds of sharks, some of which have 5 rows of teeth and can eat a seal in one gulp! Explore the lives of these swift, menacing swimmers in their undersea world, while enjoying exciting clips from The Little Mermaid, Mickey and the Seal, and Tail Spin.

• **WHALE WATCHING** (Field Trip Series): 25 min, grades 2-6: board the “Sea Explorer” of the Orange County Marine Institute at Dana Point, California and go into the Pacific Ocean to study whales and dolphins.

• **WHAT IS AN ENDANGERED SPECIES?** Video and resource guide, grades K-3: Children talk about how they see themselves connected to all living things and how they would feel if some of the animals and plants they know disappeared from the Earth.

• **WHAT’S IN YOUR BACKYARD?** (Life Habitat Series): 12 min, grades 2-5: A group of children explore the backyard habitat, and discover that many different organisms live and interact in our own backyard. Also covered are the kinds of vegetation which can be planted for food and ornamental purposes.

• **WHY DO GIRAFFES HAVE LONG NECKS?** 23 min, grades K-2: Some of the most common questions kids have about animals are answered in this fun program, including why flamingos stand on one leg, why dogs wag their tails and why giraffes have long necks.

• **WONDERs DOWN UNDER** (Really Wild Animals Series) DVD: 45 min, grades Pre K-4: Travel to the land “down under” and learn why the animals of Australia are so darn unusual! From leaping kangaroos to paddling platypuses to cuddly kolas, kids won’t believe the amazing variety of animals that make this island world their home.

• **THE WORLD OF PLANT AND ANIMAL COMMUNITIES:** 13 min, grades 1-6: In defining the term community for your viewers, the film shows how all living things depend on one another for food and shelter. Fascinating close-up photography invites viewers to explore several different types of communities—forest, desert, ocean, and grassland—to see how indigenous plants and animals have adapted to their special...
environments. The film stresses the importance of food chains in a community and the interrelationship between people, plants and animals in the food chains of the human community.

**ARCHAEOLOGY**

- **ARCHAEOLOGY** (Bill Nye Series): 30 min, grades 4-8: Archaeologists are kid of like detectives. They’re scientists who snoop through old or ancient people’s things to find out what life was like thousands of years ago. Archaeologists find ancient cities, tombs, and temples by taking aerial photographs of Earth, by reading old documents, or by just looking at the shape of the land. When they think they’ve found a site, the archaeologists pick up a shovel and start digging. When archaeologists get close to an object, they dig very carefully. Sometimes they dig with nothing but a toothpick and a paintbrush. Whew!

- **IN THE SHADOW OF VESUVIUS:** Lost & forgotten for more than 1600 years, the once thriving trade center of Pompeii has been successfully uncovered by archaeologists.

- **MAGIC SCHOOL BUS SHOWS & TELLS DVD ONLY:** 30 min, grades 1-3: Topic: Archaeology: It's the international and Very Important Show-and-Tell Competition, and Arnold and D.A. are representing Ms. Frizzle's class. Arnold brings a webbed hoop, left behind by his great-aunt Arizona Joan, a famous archaeologist, but he has no idea what it is! Using clues from the hoop and from Joan’s old journal, the kids make educated guesses about its use. To test their hypotheses, Ms. Frizzle turns the bus into a Supposeatron, a magical device designed to evaluate guesses. Can the kids solve the puzzle before Arnold and D.A. take the stage?

**ARCHITECTURE**

- **ARCHITECTURE** (Bill Nye Series): 30 min, grades 4-8: Bill uses the "Dollhouse of Science" to demonstrate how architects design buildings. Then, he travels to Japan to learn how pagodas are built to withstand earthquakes.

- **MAGIC SCHOOL BUS UNDER CONSTRUCTION:** DVD & VHS: 30 min, grades 1-3: Topic: Structures: Two inches tall, and trapped in a bathroom at Wanda’s house, the kids have to get out before Wanda’s mother discovers them. Gathering building materials such as spiky hair curlers, sticky Band-Aids, dental floss, and cotton swabs, the kids use what they’ve learned about structure to construct a series of towers and bridges across the bathroom to an open window! They get across the toilet OK - but will they get past the alligator in the bathtub?

- **STRUCTURES** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: In this episode, daredevil host Bill visits the "Bungee Zone" in British Columbia and one of the longest suspension bridges in the world to prove the structural principals of tension and compression.

- **WONDERFUL WORLD OF HOUSES:** 42 min, grades 3-7: A multicultural video that explains to children why houses around the world are so different. Children accompany our explorer through time and location that include: days o f the cave man, ancient Egypt, Greece, China, and Rome. He tries to build a shelter as a Native American Indian before visiting the tropics of Hawaii and freezing in Alaska and many more exotic destinations.

**ATOMS**
- **ATOMS** (Bill Nye Series) **DVD & VHS**: 30 min, grades 4-8: What's the big deal about atoms anyway? In Atoms, Bill Nye explains how atoms combine to form molecules and that even though they're too small to see with our eyes, they are the building blocks of all matter.

- **ATOMS & MOLECULES** (Physical Science in Action Series): 23 min, grades 5-8: Students learn about the three main subatomic particles (protons, neutrons and electrons) as well as the forces that keep atoms and molecules together. They'll also discover how atoms bond to one another to form compounds. Ionic bonds are formed when electrons are transferred from one atom to another, while covalent bonds occur when atoms share electrons.

**CHEMISTRY**

- **CHEMICAL REACTION** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy demonstrates how everything is made of chemicals. Bill and special guest Candace Cameron (Full House) enter the lab to show children that fire is actually a chemical reaction and demonstrate how new chemicals are formed. Designed to correlate with National Science Standards, the program features an interactive question-and-answer format and hands-on activities.

- **CHEMICAL REACTIONS & ELECTRICITY** (Science Clips for Students Series): 18 min, grades 5-8: Why are some reactions in the world around us irreversible? How is the flow of electrical energy in a complete circuit like water flowing over a waterwheel? Viewers observe chemical reactions in nature and in the lab to uncover the difference between physical and chemical changes.

- **MAGIC SCHOOL BUS READY, SET, DOUGH**: DVD & VHS: 30 min, grades 1-3: Topic: Kitchen Chemistry: It's Ms. Frizzle's birthday, and a field trip to the bakery seems perfect...until the bus' shrinkerscope goes on the fritz and the class experiences chemistry first hand as they get baked in a cake!

- **PHASES OF MATTER** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy explores the three phases of matter in this episode. Bill takes viewers on a tour of a steel mill to help demonstrate that matter exists in three phases: solids, liquids and gases.

**COMMUNICATION**

- **COMMUNICATION** (Bill Nye Series): 30 min, grades 4-8: Animals communicate by exchanging information. Humans store information outside their bodies.

- **DID YOU EVER WONDER: HOW IS PAPER MADE?**: 20 min, grades 3-6: Features a visit to the forest and a first-hand look at a giant Weyerhaeuser paper machine in Longview, Washington.

- **DID YOU EVER WONDER: HOW ARE PENCILS & TV SHOWS MADE?**: 20 min, grades 3-6: Features a tour of the Ticonderoga Pencil Facility in Orlando, Florida, combined with a behind-the-scenes glimpse at the making of the “Did You Ever Wonder?” program.

**COMPUTERS**

- **COMPUTERS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy and his special guest, former Vice President Al Gore, explore the history of. In this episode, Bill and Al Gore trace the evolution of computers, from early models that took up entire rooms to the personal laptop. Designed to correlate with National Science Standards.
**DID YOU EVER WONDER: HOW ARE COMPUTERS MADE?:** 20 min, grades 3-6: Features a tour of Gateway 2000 Computers in Sioux Falls, South Dakota.

**MAGIC SCHOOL BUS GETS PROGRAMMED: DVD & VHS:** 30 min, Grades 1-3: Topic: Computers: Ms. Frizzle's class arrives early to open the school for Mr. Ruhle. But there's so much to do! 'There must be a way of doing all these chores without actually doing them,' says Carlos. The school handyman, Mr. McClean, is in total agreement. Enter Mr. Ruhle's new computer! Then enter Mikey, Carlos's whiz-kid brother, who programs the computer to do all the chores. But when Ms. Frizzle shrinks Mikey and sends him inside the computer for a guided tour, everything goes crazy. And the only person who can fix the problem is Mikey - who is somewhere between the CPU and the hard drive!

**EARTH**

**AIR PRESSURE: HOW HEAVY IS AIR?** (Science for You Series): 15 min, grades 3-4: No description available.

**ALL ABOUT CLIMATE & SEASONS** (Weather for Children Series): 23 min, grades K-4: Winter, spring, summer and fall. We know what happens in our own back yards at these times during the year, but it isn’t the same everywhere in the world. When it’s warm and sunny where you are, it might be very different at other places in the world. Why do the seasons change? What causes different regions of the world to have different climates?

**ALL ABOUT FORCES AND GRAVITY** (Physical Science for Children Series): A force is a push or a pull. Join the host on a parasailing adventure to investigate how forces impact and shape everything that happens in the world around us. Learn about gravity and the work of Sir Isaac Newton. Focusing on the idea that forces can either be balanced or unbalanced this program makes such concepts as friction and magnetism accessible to kids through fun, real-life demonstrations.

**ALL ABOUT SOIL** (Earth Science for Children Series) DVD & VHS: 23 min, grades K-4: Soil is the loose top layer of the Earth’s surface, but what is it made of and how does it form? Why is it so important? Children will learn what components are needed to make the best soils for growing plants while discovering the important role that the forces of erosion play in the creation of this valuable resource.

**ATMOSPHERE** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy talks about atmosphere, its five different levels and how it protects the Earth. Bill also soars into the heavy topic of atmospheric air pressure and radio waves.

**CAVES** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy explores the fascinating, spooky and bizarre world of caves. In this episode, Bill explores the unique life forms found in caves and looks at the array of natural adaptations needed to survive in complete darkness. Designed to correlate with National Science Standards. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

**CLIMATE & SEASON** (Weather Fundamental Series): 23 min, grades 4-7: A look at the wide range of climates around the world and how factors like the sun, wind, temperature, precipitation and position of the Earth determine the weather and the impact of the seasons.

**CLIMATES** (Bill Nye Series): 30 min, grades 4-8: In this live-action, fast-paced program, Bill Nye the Science Guy delivers hot sand from Saudi Arabia and bananas from humid Costa Rica, all to explain how different climates are created and how they affect our planet. Features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher’s guide.
• **DECOMPOSERS EVERYWHERE: DVD**, 15 min; Discover that the bottom ooze of a pond is populated by bacteria, the microbes that decompose and recycle organic materials. Provides an unforgettable visual introduction to a world dominated by living bacteria.

• **DESERTS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy introduces children to desert ecosystems in this classroom edition. Bill travels to Arizona's Sonoran Desert to explore its unique ecosystem and demonstrate how its native plants and animals flourish. Designed to correlate with National Science Standards, the program features an interactive question-and-answer format and hands-on classroom activities.

• **DOWN ON THE FOREST FLOOR** (Life Habitat Series) 15 min, grades 2-5: A group of students visit a forest where they investigate how life on the forest floor has adapted to changing seasons. Study decomposers effects as the trees lose their leaves and the process of decomposition begins.

• **EARTH AT RISK DVD**: 10-30 min lessons, grades 5-12: Based on Chelsea House Publishers’ highly acclaimed book series, these programs introduce and define environmental terms and global ecological dilemmas, present current statistical information, stimulate discussion on conversation and recycling, and provide active suggestions for battling the growing threats to our environment. The subjects are explored through various perspectives including expert researchers of environmental issues, the Earth at Risk Scholars conducting field experiments, and colorful graphics illustrating otherwise complex environmental phenomena.
  1. Acid Rain
  2. Clean Air
  3. Clean Water
  4. Degradation of the Land
  5. Extinction
  6. Global Warming
  7. Nuclear Energy/Nuclear Waste
  8. The Ozone Layer
  9. The Rainforest
  10. Recycling

• **EARTH SCIENCE FOR CHILDREN DVD**: 10-23 min lessons, grades K-4: From sand and soil to earthquakes and volcanoes, children will be fascinated by this hands-on approach to learning about the Earth in this engaging video series.
  1. All about Earthquakes
  2. All about Earth’s History
  3. All about fossils
  4. All about Land Formations
  5. All about Natural Resources
  6. All about Rocks & Minerals
  7. All about Soil (**also on VHS)**
  8. All about the Water Cycle
  9. All about Volcanoes
  10. All about Weathering & Erosion

• **EARTH SCIENCE IN ACTION DVD**: 14-23 min lessons, grades 5-8: Visitors from a distant galaxy embark on a never ending mission to learn more about the structure and history of the Earth covering everything from the Earth’s layers, rocks and soil to oceans, erosion, volcanoes, and earthquakes!
  1. Earthquakes
  2. Fossil Fuels
13. Fossils
14. Geological History
15. Land Formations
16. Minerals (also on VHS)
17. Natural Resources
18. Oceans
19. Rocks (also on VHS)
20. Soil
21. Topography
22. Volcanoes
23. Water Cycle
24. Weathering & Erosion

- **EARTHQUAKES** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Find out what makes big pieces of the Earth’s crust (the plates) move, and what you should have on hand in case of a quake. They happen when energy stored in the plates is released suddenly.

- **EARTH’S CRUST** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: The Earth’s surface is different from what’s inside. The surface of the Earth is very, very thin. This surface is what allows all life to exist on Earth.

- **EARTH’S SEASONS** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Every year, we experience the seasons. Some months have snow and rain, while other months have warmth and sunshine. Temperatures go from cold, to warm, to cold again – winter, spring, summer, and fall. The cycle of the seasons takes one year, and the Earth takes one year to go around the sun. Coincidence? No way.

- **EYEWITNESS ARCTIC & ANTARCTIC**: 35 min, grades 2-5: Based on the revolutionary book series. Arctic and Antarctic explores the life and legends of these harshly beautiful polar kingdoms. Journey to the ends of the earth where climate presents its greatest challenges to survival, and meet the remarkable animals that choose to live out in the cold. Narrated by Martin Sheen.

- **EYEWITNESS PREHISTORIC LIFE**: 35 min, grades 2-5: Based on the revolutionary book series. Prehistoric Life digs deep to unearth the first chapters of our planet’s living history. Journey across the ages to discover how life, in all its breathtaking variety, has relentlessly adapted itself into every nook and cranny of our teeming world. Narrated by Martin Sheen.

- **FERMILAB** (Field Trip Series): 25 min, grades 2-6: Visit the world-famous laboratory of the US Dept of Energy in Illinois, home of the most powerful particle accelerator. Gravity is explained and visit the Nature Preserve where the prairie is being saved. The environment is being restored and maintained to its original condition.

- **FORCES IN ACTION** (Science Clips for Students Series): 18 min, grades 5-8: What kinds of forces are acting on the world around us? How does sound travel? This video investigates the pushes and pulls (the force) that affect everything in the universe. A laboratory investigation illustrates the fact that the vibrations which make up sound energy need a medium to travel through. Viewers also examine the effect of the force of gravity and air resistance on tomatoes, people and planets.

- **FORESTS** (Bill Nye Series): 30 min, grades 4-8: Forests have trees, and lots of them. But there’s more to forests than meets the eye. Forests keep land warmer in the winter and cooler in the summer. They stop land from eroding. Forests also make lots of oxygen for us to breathe. Venture deeper into a forest and you’ll see that it’s home sweet home for a lot of different plants and animals.

- **THE FOUR SEASONS**: 15 min, grades K-3: Talks about the changes that occur during each of the four seasons.
- **GRAVITY** Minds on Science Series): 20 min, grades 5-8: No description available.

- **MAGIC SCHOOL BUS BLOWS IT’S TOP: DVD & VHS**: 30 min, grades 1-3: Topic: Volcanoes:
  Something’s missing from the classroom globe: an island so new it hasn’t been discovered yet! Where will the kids find the island? What will they name it? In their search, the kids spot a mountain underwater and dive down to the ocean floor. They squeeze between two plates of crust and discover that the mountain is an underwater volcano - and they’re inside it, about to explode! They figure out that when the magma explodes into the air, it will cool and harden on top of the volcano. Eventually, the volcano’s top will stick out of the water and form the new island. Now, if only Dorothy Ann and Carlos can agree on a name for the island!

- **MYSTERIES UNDER GROUND**: 59 min, grades 5-12: Strap on your helmet and headlamp and explore elaborate, mysterious caves that honeycomb Earth’s crust. Make your way through caves with bizarre rock & ice formations, and see in crystal-clear underground lakes. Team up with a National Geographic expedition and descend into Lechuguilla Cave in New Mexico. Hear experienced cavers explain what mental and physical challenges caving demands of them. Join a caving team as it makes the breakthrough that establishes Mammoth Cave Flint Ridge System in Kentucky as the longest in the world. Then go caving for fun, just as 9 year old Leah Brown does every chance she gets.

- **PLANET EARTH: WHY DOES IT GET DARK?** (Science for You Series): 15 min, grades 3-4: No description available.

- **PLATE TECTONICS & EARTHQUAKES**: 15 min, grades 4-9: Find out why the solid seeming Earth is actually a changing body, constantly destroying and rebuilding itself. Plate tectonics motion is clearly demonstrated as the source of this dynamism through exciting live-action and computer graphic images. We learn how seismology helps reveal the Earth’s structure, how the plates collisions create earthquakes, and how the Richter scale works.

- **PUZZLE OF THE ROTTING LOG** (Life Habitat Series): 12 min, grades 2-5: A group of children investigate rotting logs in a forest. They are introduced to decomposition, an important ecological process and nature's recycling system. This program describes the way decomposers such as fungi, worms, and bacteria work and how new life springs from decomposed matter.


- **VIEW OF THE EARTH**: 20 min, grades 7-12: This program is designed to allow students to gain a historical perspective of the Earth’s formation from its beginnings to the present; imagine what the planet looked like in the past, understand how today’s Earth formation emerged, and envision how the planet may change in the future. Meet great scientists who have contributed to our understanding of the Earth.

- **VOLCANOES** (Bill Nye Series) DVD & VHS: Bill Nye the Science Guy explores the hot-hot-hot world of volcanoes. In this episode, Bill defines volcanoes, explains how they’re formed and explores the different types that exist. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

**ELECTRICITY**

- **ALL ABOUT ELECTRICITY** (Physical Science for Children Series): 23 min, grades K-4: Discover how electrical charges flow like water through a hose, based on the key idea that opposite charges attract, while like charges...
repel. Real-life examples and clear, colorful graphics make these concepts easy to understand. Students will learn about the key ideas of circuits, conductors and insulators in a fun, hands-on activity.

- **CHEMICAL REACTIONS & ELECTRICITY** (Science Clips for Students Series): 18 min, grades 5-8: Why are some reactions in the world around us irreversible? How is the flow of electrical energy in a complete circuit like water flowing over a waterwheel? Viewers observe chemical reactions in nature and in the lab to uncover the difference between physical and chemical changes.

- **ELECTRICAL CURRENT** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy explores the topic of electricity. Featuring an interactive question-and-answer format and hands-on activities, the program defines electricity, electrical circuits, electrical power, electrons and more. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

- **ELECTRICAL CURRENT**: 23 min, grades 3-7: Animated courtroom drama, hands-on science activities, songs, and humor combine to teach students the fundamental science concepts of electrical circuits, electrical currents and conductivity. As each case unfolds, students examine the facts and perform experiments to help them predict the verdict.

- **ELECTRICITY** (Physical Science in Action Series): 23 min, grades 5-8: Students will learn about positive and negative charges, the flow of electrical current and open/closed circuits. Explore key terms such as voltage, amps and ohms, while learning about the roles of conductors and insulators in powering the world. Discover the design of a light bulb – the classic example of how resistance is the key to putting electricity to work in our everyday lives.

- **ELECTRICITY** (Science Clips for Children Series): 18 min, grades K-4: Why do batteries come in so many different shapes and sizes? How do we use them to make so many things work? What would life be like without electricity? Children learn where electrical energy comes from and how to be safe when using it.

- **ELECTRICITY: WHERE DOES ELECTRICITY COME FROM?** (Science for You Series): 15 min, grades 3-4: No description available.

- **MAGIC SCHOOL BUS GETS CHARGED**: DVD & VHS: 30 min, grades 1-3: Topic: Electricity: It's Valentine's Day and the kids are selling light bulbs. But when they stop at Ms. Frizzle's house to sell her one, her battery-operated doorbell doesn't work. Looking for Ms. Frizzle to tell her the doorbell is broken; Wanda overhears her teacher talking on the telephone...to a man! Want rushes back to the others: 'Ms. Frizzle has a boyfriend, and he's on his way to see her! We've got to fix the doorbell or else she'll never know he's here!' But first they have to figure out how it works...

- **STATIC ELECTRICITY** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy looks at why socks stick together when taken from the dryer by exploring the shocking truth about static electricity. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher's guide.

- **WHERE DOES COAL & ELECTRICITY COME FROM?**: 20 min, grades 3-6: Features a lesson on coal mining and a tour of Kansas City Power and Light.

**ENERGY**

- **ENERGY** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: In this live-action, fast-paced program, Bill Nye the Science Guy revs things up as he explores water, muscles, heat, light, sound and other types of energy that make things go, run or happen. Along the way, students will see how to conduct home experiments that will transform potential energy into kinetic energy and use falling water to make energy. Features comedy, music.
videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher’s guide.

- **ENERGY** (Understanding Science Series): 22 min, grades K-6: Dr. Science demonstrates easy to understand experiments that are highly appropriate for both classroom and home environments. Explains what is energy, can matter be changed into energy, how energy travels, potential energy, kinetic energy, mechanical energy, heat energy.

- **ENERGY CHANGES: WHAT IS ENERGY?** (Science for You Series): 15 min, grades 3-4: No description available.

- **ENERGY FOR CHILDREN DVD**: 5-23 min lessons, grades K-4: Teaches kids the basics about the five forms of energy: heat, mechanical, chemical, electromagnetic and nuclear.
  1. **All about Heat**: Kids will learn that all objects have heat energy; it’s just that some have more than others. Kids will discover what heat energy is and how we use it, while the host’s humorous antics help kids understand how heat moves through conduction, convection and radiation. Melting point and boiling point are explained with colorful footage and dynamic graphics with memorable examples that teach kids how adding heat causes most objects to expand and removing heat makes most objects contract. An engaging demonstration helps children see convection in action. Viewers also learn how a thermometer works by constructing their own simple instrument.
  2. **All about the Conservation of Energy**: Since fossil fuel supplies are limited and energy consumption is rising globally, it is essential that children understand that they can plan as important a role in energy conservation as their parents and teachers do. Teaches kids that activities such as carpooling with friends, riding their bikes, turning off lights when they leave a room and recycling help reduce energy consumption. Young viewers learn that renewable resources like the sun, wind, and moving water are all promising energy resources, although each has drawbacks. Kids also discover that garbage, a kind of biomass, can be an energy resource too! Included is a fun activity that encourages conservation by allowing kids to try their hand at composting.
  3. **All about the Transfer of Energy**: Energy moves from place to place and object to object all the time. Without the ability to transfer energy, nothing would ever get accomplished! Kids learn about the potential and kinetic energy, and how energy transfers between these two states. Bowling balls and rubber bands are used to demonstrate the transfer of energy, while divers and snowboarders provide exciting real-life examples. Also included is a fun, hands-on activity that shows students how increasing the height of an object increases it potential energy.
  4. **All about the Uses of Energy**: Kids will learn that electricity is what keeps our world running. The program invites young viewers to imagine what life was like before electricity and how different life would be without it, while emphasizing how the availability of electricity has transformed the lives of people around the world. Find out how giant generators create electricity by using the mechanical energy of wind and water or the awesome power of nuclear energy. Alternative resources such as solar energy are discussed as promising ways to generate electricity for the future. Children discover how steam spins electrical generators and a fun, hands-on activity allows them to experience how the energy from steam can be put to work to turn a paddle wheel.
  5. **What is Energy?**: Humorous characters and engaging demonstrations combine to give kids a solid overview of what energy is and how we use it. See how a spinning pinwheel, a strumming guitar and a crackling fire all serve as great examples of energy at work. Dynamic graphics and fun examples teach kids how heat energy moves and how it affects atoms. Young viewers find out that the sun is the ultimate source of the Earth’s chemical energy and that sound is a form of mechanical energy. The program also
introduces other forms of energy including electromagnetic and nuclear. Included is a fun activity that allows kids to try their hand at putting some different forms of energy to work.

- **THE FOSSIL FUEL JUNCTION ENERGY EDUCATION UNIT “SHOWDOWN AT FOSSIL FUEL JUNCTION**: 12 min, grade 3: Selected for use in the 3rd grade science curriculum.
- **MAGIC SCHOOL BUS GETTING ENERGIZED: DVD & VHS**: 30 min, grades 1-3: Topic: Energy: The class is ready to plug in their “Double-Trouble Wheel of Wonder” at the town carnival, when they discover all the electrical outlets are taken.
- **NUCLEAR ENERGY** (Minds on Science Series): 20 min, grades 5-8: No description available.
- **SOLAR ENERGY** (Science in Action Series): 18 min, grades 3-7: Demonstrates how the power of the sun is captured and controlled to serve many important and efficient uses. Segmented into 3 parts: Capturing Solar Energy, Transferring Solar Energy and Storing Solar Energy.
- **THERMAL ENERGY** (Minds on Science Series): 20 min, grades 5-8: No description available.
- **USING LIGHT ENERGY** (Science Clips for Students Series): 18 min, grades 5-8: Where does moonlight come from? How does the human eye make sense of what it sees? Explore the motion of the planets and stars, and go inside the human eye! Concepts from space science and life science are illustrated with amazing footage and graphics. Explore reflections, discover how the eyes of a cobra differ from their own and travel to the center of the sun.

**ENVIRONMENT**

- **DECOMPOSERS EVERYWHERE: DVD**, 15 min; Discover that the bottom ooze of a pond is populated by bacteria, the microbes that decompose and recycle organic materials. Provides an unforgettable visual introduction to a world dominated by living bacteria.
- **DESERTS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy introduces children to desert ecosystems in this classroom edition. Bill travels to Arizona’s Sonoran Desert to explore its unique ecosystem and demonstrate how its native plants and animals flourish. Designed to correlate with National Science Standards, the program features an interactive question-and-answer format and hands-on classroom activities.
- **DID YOU EVER WONDER: HOW DOES CONSERVATION WORK?**: 20 min, grades 3-6: Features an in-depth look at the importance of protecting the environment.
- **EARTH DAY- HOLIDAY FACTS & FUN**: 10 min, grades 1-3: Learn the story behind Earth Day and understand the importance of establishing a healthful environment on the land, in the air, and in the waters of our planet. Discover what you can do today and in years to come to protect our home, Planet Earth.
- **ECOSYSTEMS & HABITATS** (Science Clips for Children Series): 18 min, grades K-4: What kinds of plants and animals can be found in a forest? In a pond? On the ocean shore? Explore the amazing adaptations that allow living things to survive and reproduce in their environments. Children learn the vocabulary of ecology as they observe various food chains and gain an understanding of how interdependent all creatures are!
- **THE ENVIRONMENT SERIES**: 6-20 min lessons, grades 2-5:
  - The Mystery of the Dead Fish: The Major Parts of the environment: Why were Jason’s fish dying? In solving the mystery, our young detectives learn what elements make up a healthy environment, and what can happen to an environment when one of its parts is damaged or missing. The program introduces the idea that the environment is composed of a number of important parts, and without those parts, plants and animals that make up the world cannot live.
• **The Case of the Mysterious Neighbor: Water-resources and pollution:** While checking out the activities of a mysterious neighbor, the kids learn all about water and water pollution. Students will learn about how important water is as a natural resource, why we need to help keep this resource clean, and ways to use less water in our daily lives.

• **The Mystery of the Statue: Air-Resources and Pollution:** Introduces important concepts about the atmosphere which includes the air that all living things need to stay alive. As youngsters investigate the effects of air pollution on a deteriorating statue, they also learn how important air is and why we need to work hard to reduce air pollution.

• **The Missing Ingredient: Endangered Biological Resources:** One of the great environmental tragedies of the 20th century is the rapid loss of thousands of species of plants & animals. The program follows young detectives as they discover the causes of the loss of these important biological resources and identify ways to help reduce the future extinction of plants, animals, and habitats.

• **The Lost Book Report Caper: Disposal-Nothing Ever Leaves This Planet:** As they try to find a lost book report, the kids discover something even more important. They discover that the overwhelming amount of trash that is thrown away every day is not caused by an “evil villain” but by ordinary people like themselves. The program helps students understand that individual actions which include recycling, reusing, and reducing waste will help save landfill space and money.

• **The Power Puzzle: Energy and the Environment:** The energy crisis hits home when the electricity goes out on our detectives. As they investigate why a neighbor still has electricity, they discover far more than they had expected. Students are introduced to the different types of energy, how much we use in the United States, and how to use less energy.

- **ENVIRONMENTAL SCIENCE FOR STUDENTS DVD:** 6-23 min lessons, grades 5-12: Provides a fascinating look at Earth’s environment and some of the most important environmental issues of our time.
  - **Air Quality:** Do you know the quality of the air that you breathe? Air pollution from both natural sources and human activity can affect humans, plants and animals in many ways. Learn about primary and secondary sources of air pollution, explore how outdoor air quality is monitored by government agencies and see how climate, geography, industry and other factors can contribute to the formation of photochemical smog. See how the enormous challenge of regulating and reducing air pollution can be tackled at local, national and international levels. From green roofs to the Clean Air Act to the Kyoto Protocol, improving air quality in one part of the world can have a positive effect the world over.
  - **Global Climate Change:** Dive into and in-depth exploration of global climate changes, and see how both natural events and human activity have played a role in changing our climate. Learn how climate data is collected, understand the greenhouse effect and discover some unexpected sources of greenhouse gases. Consider experts views on the potential effects of global warming – from relatively mild changes in the weather to more extreme scenarios. Investigate efforts to combat climate change at international, national and local levels. Weigh the effects of these efforts and consider what else can be done because the fact remains that global climate change could possibly be one of the most important issues of the 21st century.
  - **Green Energy:** Discover what green energy is and learn about its potential to meet our energy needs in an ongoing, sustainable way. Green energy includes solar power, wind turbines, biomass fuels and much more. Some forms of green energy are more suited to certain locations than others. Observe how geothermal energy helps to power much of Reykjavik, Iceland, and see elements of green energy, sustainable design and conservation in action at the headquarters of the Chesapeake Bay Foundation in Maryland. From the choices and efforts of an individual to that of an entire city, rethinking where we get
our energy and how we use it is important in ensuring that energy needs of future generations will be met.

- **Soil Quality:** Although soil may seem plentiful, it can be polluted and depleted by natural and human activities. Examine sources of soil pollution, and discover some of the efforts taken to prevent it. Although soil erosion is natural and necessary, human activity can hasten and magnify this process. Learn how “America’s Bread Basket” was transformed into the “Dust Bowl” during the 1930’s and see what farming methods have been implemented as a result. Through contrasting examples like Love Canal and Shirley Plantation, see how issues of soil pollution and degradation have been addressed. Soil is much more than dirt beneath our feet. It is an essential component of life on Earth.

- **Sustainability in the 21st Century:** Sustainability refers to the capacity to provide for the needs of the world’s current population without harming the ability of future generations to provide for themselves. Explore some of the challenges and successes of sustainability starting in one of the world’s most diverse habits—the rainforest. Consider some factors that can affect sustainability: carrying capacity, population density and ecological footprint. Observe sustainability in action at a school that has employed green building practices and in Portland, Oregon, where a community that has used smart grown-policies to combat suburban sprawl. By understanding and practicing the ideas of sustainability, we can begin working toward building a responsible and sustainable future.

- **Water Quality:** More than 2/3 of the planet is covered by water. Because water is vital to all life, both the quality and availability of this natural resource is critical. When the supply of available fresh water is over used, polluted or affected by climate change, a whole new problem arises—water scarcity. Consider the potential environmental, economic and health effects of water pollution and learn what can happen when an area’s water supply dwindles. See how conservation and innovation can help to combat this problem. From the passing of the Clean Water Act in 1972 to the building of desalination plants, discover some of the tremendous strides that have been made in maintaining the quality and quantity of the world’s water supply.

- **EROSION (Bill Nye Series) DVD & VHS:** 30 min, grades 4-8: Over millions of years, the blowing of winds, the flowing of water and ice, and the action of chemical reactions have all scored away and changed the face of the Earth. Travel to Utah where you are shown how erosion has drastically shaped the American Southwest into a land of beautiful arches and canyons. Erosion never stops and landscapes are constantly changing. Be it wind, rain, show, or chemical reactions—erosion is always grinding the Earth into little, tiny, itsy bits.

- **EYEWITNESS ARCTIC & ANTARCTIC:** 35 min, grades 2-5: Based on the revolutionary book series. Arctic and Antarctic explores the life and legends of these harshly beautiful polar kingdoms. Journey to the ends of the earth where climate presents its greatest challenges to survival, and meet the remarkable animals that choose to live out in the cold. Narrated by Martin Sheen.

- **EYEWITNESS JUNGLE:** 35 min, grades 2-5: Based on the revolutionary book series. Change your perception of this invaluable resource and recognize its significance as a refuge for the richest variety of plant and animal life on earth- and fully comprehend why this mysterious world is vital in maintaining our planet’s ecological balance. Narrated by Martin Sheen.

- **EYEWITNESS POND & RIVER:** 35 min, grades 2-5: Based on the revolutionary book series. Pond and River takes you on a twisting journey down the great rivers of the world, pausing to visit the thriving realm of the freshwater pond. Travel upstream to find civilization’s source- then down again to see the key to our very survival. Narrated by Martin Sheen.

- **FERMILAB (Field Trip Series):** 25 min, grades 2-6: Visit the world-famous laboratory of the US Dept of Energy in Illinois, home of the most powerful particle accelerator. Gravity is explained and visit the Nature
Preserve where the prairie is being saved. The environment is being restored and maintained to its original condition.

- **HAWAII: STRANGERS IN PARADISE:** 59 min, grades 5-12: Through millions of years of isolation, Hawaii's original plants and animals evolved in a profusion of unique species, but humans, who came to the island 2,000 years ago, triggered the introduction of alien species of flora & fauna that continues to this day. Hawaii’s native species have been unable to prevail the impact of these invaders. Meet Hawaiians who today are attempting to restore and preserve the islands' precious native environments.

- **JOURNEY TO THE FORGOTTEN RIVER:** 59 min, grades 5-12: This special chronicles a cycle of devastating change that overtook northern Botswana during the 1980’s. Drought dried the Savuti channel, forcing animals that depended on it to leave or die. Viewers follow as many creatures make the 75 mile journey northward to Linyanti, an area of abundant water and lush vegetation. They see the impact the newcomers have on Linyanti’s flora and fauna. And they are there to witness (at last) the breaking of the drought.

- **KEITH COUNTY JOURNAL:** 60 min, grades 7-12: This program takes a look at the natural world of the Nebraska Sand Hills, and by extension, the wider world around us and the world within. A look at the subtleties and intricacies of dependence and interdependence. Filmed largely in Keith County, Nebraska, this documentary follows naturalist and author John Janovy Jr as he teaches the lesson of nature by observing termites living under cow pies; snails in warm, muddy marshes; cliff swallows under concrete bridges; and parasites in the eyes of the killifish that inhabit the Platte River. The imagery of this outstanding program ranges from the immediately apparent beauty of a place like Whitetail Creek, a spring fed stream that empties into the river, to the world of its easily overlooked if not invisible inhabitants.

- **LANDFORMS:** 17 min, grades K-3: With the help of a traveling machine, take an informative and fun journey around the world, in search of landforms. Such concepts as the definition of a landform and the many types of landforms are explained. Students are provided with both a visual and verbal learning experience.

- **MAGIC SCHOOL BUS ALL DRIED UP: DVD ONLY:** 30 min, grades 1-3: Topic: Desert Adaptation: Always the caring soul, Phoebe goes on a crusade to save the animals and plants of the desert---and discovers how well they take care of themselves.

- **MAGIC SCHOOL BUS MEETS THE ROT SQUAD: DVD ONLY:** 30 min, grades 1-3: Topic: Decomposition: It’s “Accidental Science Project” day and the class has brought in marvelously rotten entries from the back of their refrigerators.

- **SHOW ME SCIENCE: ECOLOGY & CONSERVATION SERIES DVD:** 8 lessons, grades 4-9: The fundamentals of ecology, conservation and the environment are explored in this series. Students learn about topics such as the Greenhouse Effect and biodiversity.

  Environmental Science: The Importance of Biodiversity (16 min)

  - Giving Back the Land (15 min)
  - Life in the Deserts (16 min)
  - Making the Right Choices (26 min)
  - Nature’s Delicate Balance (15 min)
  - Our Green Planet (17 min)
  - Saving Earth’s Animals (13 min)
  - Understanding the Greenhouse Effect (13 min)

- **WHAT’S IT LIKE WHERE YOU LIVE?:** 13 lessons, grades 2-5:
1. **Exploring the Deciduous Forest**: 25 min: Student researchers begin by mapping the forests of the world. They discover that the Temperate Deciduous Forest is found in the eastern part of the United States, Europe, China and Japan. The kids take “electronic trips” to schools in Washington, Vermont, and Austin. In a lab experiment, they remove chlorophyll from a green leaf, which helps them understand why leaves change color in the fall. A trip to the zoo shows that the Temperate Deciduous Forest has some animals that migrate, some that hibernate, and still others that keep active all winter.

2. **Exploring the Desert Biome**: 26 min: Student researchers take an electronic trip to the North American deserts—the Great Basin, the Sonoran, the Mojave, and the Chihuahuan. They find out what it’s like there from students in elementary schools located in each of the deserts. The team gathers research, conducts experiments and visits the zoo and the desert house, showing how plants and animals have adapted to the harsh environment.

3. **Exploring the grassland biome**: 28 min: The MOB team visits a recently burned prairie and learns how fire keeps the prairie in check. They learn that fire helps recycle nutrients into the soil. Discover that grazing animals also helps maintain the grasslands. All across the world thousands of grazing animals migrate from place to place, eating the woody seedlings that come up each spring. The team visits with students in schools in Wyoming, Nebraska, Missouri and Illinois. They learn there are three kinds of prairies in the US: long grass, mixed grass and short grass. Each has different types of grass plants based on amount of moisture that the area receives.

4. **Exploring the Rainforests**: 31 min: Student researchers visit the Temperate Rainforests of the Pacific Northwest. At the Quinault Rainforest they visit with students from a nearby Olympia, Washington school. By comparing data collected and investigating tropical plants in the Missouri Botanical Garden’s Climatron, comparisons are made of the Temperate Rainforests and the Tropical Rainforests. In a lab experiment the decomposition rate of leaves in both rainforests is analyzed.

5. **Exploring the Taiga Biome**: 31 min: A MOB Team Leader visits the Alaskan interior and stays with a family living on Lake Minchumina in a log cabin, 100 miles from the nearest road. A bush pilot helps to provide a fantastic glimpse of the Taiga, a vast coniferous forest. Team leaders in St. Louis contact schools in Siberia and Finland via the Internet. Lots of information is gathered from their electronic friends about plant and animal life in the Taiga. This is compared with information from Alaska. At the Missouri Botanical Garden, team members compare leaves from both coniferous and broad leaf trees. Under the microscope, discover that the cells in leaves and needles are different, the result of adaptations to their own environment.

6. **Exploring the Tundra Biome**: 31 min: A Team Leader flies to an Eskimo village in Anaktuvuk Pass, Alaska, the mountain pass in the Brooks Range through which the caribou make their annual migration. He meets students from the local Nunamuit School who help investigate the plant and animal life found at the top of the world. Team members in St. Louis, contact other schools in the Arctic Tundra, in Iceland and the Northwest Territories, Canada. They find that very few trees grow in the tundra because roots can’t penetrate the permafrost, the frozen layer of soil found in the Tundra. Discover also that plants and animals living near the Arctic Circle have many identifiable adaptations which allow them to live in such a harsh environment.

7. **Exploring Ponds & Lakes Ecosystems**: 23 min: Take a road trip to Shaw Arboretum, where they investigate a pond. Test for temperature and dissolved oxygen level and collect pond critters for examination. Study the relationship between their data and the life in the pond. Learn about the water cycle and contact a school near the shores of Lake Michigan to find out how a lake is different from a pond.

8. **Exploring Rivers & Streams Ecosystems**: 27 min: Researchers float down the mighty Mississippi River, collecting data on temperature, velocity, and turbidity. Learn how these factors affect the plant and
animal life in both rivers and streams. Flowing water is classified into low & high order streams as they research the concepts of a river source, tributary, confluence, delta and mouth are explained. Compare clear stream water with muddy river water.

9. **Exploring Wetlands Ecosystems**: 25 min: Learn about the crucial role wetlands play as a stopping place for migrating birds. Discover that wetlands (marshes, swamps, and bogs) are natural water filters. Rendezvous with kids living near the Florida Everglades, paddle through a swamp in southern Missouri and explore a gigantic marsh in Central America. A flight over Alaska surveys bogs from the air.

10. **Exploring Temperate Oceans Ecosystems**: 34 min: Investigate several factors of marine ecosystems. Concentrating on currents and salinity, “El Nino” and how ocean temperatures affect climate. Certain organisms have adapted to life in the shallow waters and others to deep, dark sea. Learn about adaptations on a trip along the Pacific coast as well as organisms on display in aquariums.

11. **Exploring Shorelines Ecosystems**: 34 min: Learn what causes tides and waves and how the rivers meet the sea. Investigate rocky shores, sandy shores, estuaries, salt marshes and mud flats. Discover how they are alike and different. Travel to Bald Head Island, a barrier island off the coast of North Carolina and see a big logger head turtle laying eggs in the sand. On location in California find life in tide pools and other rocky shore environments.

12. **Exploring Tropical Oceans Ecosystems**: 34 min: Explore the largest coral reef in North America found in Central America. Find many interesting creatures as they dive below the waves and examine life in and around the reefs, as well as the mangrove caves. Learn about several symbiotic relationships found in these warm waters.

**FLIGHT**

- **ALL ABOUT FLIGHT** (Physical Science for Children Series): 23 min, grades K-4: Students discover that the flight of an airplane is dependent upon the balance of four forces: gravity, lift, thrust, and drag. Viewers will have fun as they take a ride on a sail boat to see how a sail works like the wings of a plane, and visit a workshop where real jet engines are built for model planes. Also discover how helicopters and hot air balloons work, watch as our host gets behind the controls of a real jet plane.

- **DID YOU EVER WONDER: HOW ARE AIRPLANES MADE?**: 20 min, grades 3-6: Features a look at the history of flight and a tour of the Cessna Plant in Wichita, Kansas.

- **FLIGHT** (Bill Nye Series): 30 min, grades 4-8: Air is pressure. Moving air creates differences in air pressure, which can be used to develop lift.

- **FLIGHT** (Physical Science in Action Series): 23 min, grades 5-8: Students embark on a fun-filled journey to learn about lift, gravity, thrust and drag—the forces involved in getting airplanes off the ground and into the air, transporting people over thousands of miles before returning them safely to the ground. Learn about the role of air pressure and the key ideas put forth by Daniel Bernoulli. Take to the seas to compare the similarities between the sail on a boat and the wings on an airplane. An overview of some of the important people in aviation history is given.

- **THE FLYING MACHINES**: 60 min, grades 4-12: Visit the National Air and Space Museum’s unique Paul E Garber Facility, where historic Air and Space craft that record man’s quest for flight are restored and preserved.

- **MAGIC SCHOOL BUS TAKING FLIGHT**: DVD & VHS: 30 min, grades 1-3: Topic: Flight: After Wanda asks how to fly; the class is shrunk inside Tim’s model airplane. In a series of high adventures, the students personally discover how wings and moving air cause flight.
• **MILESTONES OF FLIGHT**: 25 min, grades 4-10: This program was produced by the National Air & Space Museum and is based on the museum’s “Milestones of Flight” Gallery. It traces the history of flight from Langley’s first attempts to the Space Shuttle. This video uses live footage from many history making events.

**FLOATING**

• **BUOYANCY** (Bill Nye Series) **DVD & VHS**: 30 min, grades 4-8: Bill Nye the Science Guy examines the topic of buoyancy. In this episode, Bill takes to the sky in a hot air balloon and goes scuba-diving in the Seattle Aquarium to explain why objects like boats, helium and balloons are buoyant. Designed to correlate with National Science Standards. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

• **FLOATING** (The Way Things Work Series): 13 min, grades 3-6: Inhabitants of Mammoth Island attempt to rescue an Islander and his mammoths from the middle of a lake. They are stranded on a small island after a wooden bridge collapses. Olive notices that the wood from the broken bridge is floating on the surface of the lake. With the help of a visiting inventor, she discovers the principle of buoyancy. Every object exerts a downward force on the water and the water pushes back with an upward force on the object.

• **MAGIC SCHOOL BUS UPS & DOWNS DVD ONLY**: 30 min, grades 1-3: Topic: Floating & Sinking: The talk show reporter Gerri Poveri is reporting that there is a monster in Walker Lake (apparently based on the Loch Ness Monster, as it is also plesiosaur-like) and the class is very eager (especially Wanda) to find it. The Bus’s automatic sinking button is broken so the class needs to figure out other way to get it to sink. They learn that by adding weight and "crumpling" the bus it will cause the Bus to sink. However, at the bottom, they discover that the monster was a fake; Gerri Poveri made the story up to increase her ratings. They have to figure out how to make the bus float again so they can tell the truth to the public.

• **SINKING** (The Way Things Work Series): 13 min, grades 3-6: A giant wave overtakes the Mammoth Ferry on its maiden voyage and all of the ship’s cargo is swept overboard! An enterprising young Islander, Olive, watches her cousin Troy attempt to retrieve the sunken cargo and notices air bubbles rising to the surface around him. Olive uses these bubbles as a cue and with the help of a visiting inventor, designs a vehicle called a submersible that allows them to sink to the ocean floor and then rise back to the surface.

**FLUIDS**

• **FLUIDS** (Bill Nye Series): 30 min, grades 4-8: Without fluids everything in the world would be frozen solid. The air we breathe the water we drink and the blood that flows through our veins – life would simply not be possible without fluids. From lubricants in our car to giant masses of air bringing wet weather, our world keeps moving with the help of fluids.

**FORCES**

• **ALL ABOUT FORCES AND GRAVITY** (Physical Science for Children Series): A force is a push or a pull. Join the host on a parasailing adventure to investigate how forces impact and shape everything that happens in the world around us. Learn about gravity and the work of Sir Isaac Newton. Focusing on the idea that forces can
either be balanced or unbalanced this program makes such concepts as friction and magnetism accessible to kids through fun, real-life demonstrations.

- **ALL ABOUT MOTION & BALANCE** (Physical Science for Children series): 23 min, grades K-4: Kids will learn that motion is movement caused by unbalanced forces, while gravity and friction are introduced as forces that affect motion. Also included are simple explanations of key concepts such as momentum and equal and opposite reactions as well as an introduction to the idea of center of gravity.

- **BALANCE** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: A force is a push or a pull. You can feel a force when someone pushes you. You can use a force to pull a door shut. Anyone can make forces by pushing and pulling and you don’t need to be Luke Skywalker to use a force. Things are in balance when forces that are pushing or pulling them are equal.

- **FORCE AND MOTION; DVD:** 15 min; Presents: Constant Motion; Acceleration; Gravity and Falling. Illustrated with a variety of experiments using superimposed captions, artwork, and computer animation to illuminate what is happening both visibly and at the molecular level.

- **FORCES** (Science Clips for Children Series): 18 min, grades K-4: How are cowboys like railway engines? What do dancing puppets and flying kites have in common with speeding bobsleds? “Forces” explores the pushes and pulls all around us, and illustrate how these forces impact our lives. Young viewers investigate the powerful force of pushing water, travel to a rodeo and explore friction and gravity in nature and in the man-made world.

- **FORCES IN ACTION** (Science Clips for Students Series): 18 min, grades 5-8: What kinds of forces are acting on the world around us? How does sound travel? This video investigates the pushes and pulls (the force) that affect everything in the universe. A laboratory investigation illustrates the fact that the vibrations which make up sound energy need a medium to travel through. Viewers also examine the effect of the force of gravity and air resistance on tomatoes, people and planets.

- **FRICTION** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Friction is a force that slows moving things down and turns the moving energy into heat energy.

- **HOW THINGS MOVE** : 16 min, grades K-3; Introduces children to physics, discussing push and pull, position, forces and movement.

- **MAGIC SCHOOL BUS PLAYS BALL** DVD & VHS: 30 min, grades 1-3: Topic: Ralphie's delighted! Ms. Frizzle’s class is going to a baseball game. Of course, it’s a very special baseball game. The Magic School Bus shrinks and takes Ms. Frizzle and the kids inside a book to a frictionless baseball field. Ralphie hits a homer he'd never have imagined in the world of friction, and all the kids find out about friction and other pushes and pulls. But when they get on the Bus to head back to school, the book closes with them inside it. How can they get out of the book? Can what they've learned about forces and friction help them make it home?

- **MOMENTUM** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy explores the topic of momentum in this episode. Bill shows how weight and speed affect momentum, while crash test dummies demonstrate momentum in a car and the importance of wearing a safety belt. Designed to correlate with National Science Standards. DVD includes a printable teacher's guide filled with suggestions for extension activities and classroom experiments.

- **MOTION** (Bill Nye Series) DVD & VHS:30 min, grades 4-8: Bill gets things rolling and then puts on the brakes to demonstrate how things can't move or stop moving by themselves. Everything needs a push or pull, a force, to make it move or stop. Motion requires force, because as we say in the song, Inertia is a property of matter. Inertia is the tendency for any moving object to keep moving and any object at rest to remain at rest.

- **MOTION** (Minds on Science Series): 20 min, grades 5-8: No description available.
- **MOTION AND SOUND** (Science Clips for Children Series): 18 min, grades K-4: How does sound energy travel? What allows us to hear music? Viewers are taken to an unusual mechanical toy shop to learn how forces cause a change in motion. Children join a festival of wind and wheels to witness the power of the wind and how much fun it can be! Children discover how changing vibrations make different sounds and see how an unusual band makes music with anything and everything—even the kitchen sink!

- **PRESSURE** (Bill Nye Series): 30 min, grades 4-8: Pressure is a pushing force spread out over an area. Pressure acts in all directions at once. Some things have their own pressure built in. Liquids and gases always have pressure, and they press in all directions.

- **SPINNING THINGS** (Bill Nye Series): 30 min, grades 4-8: A lot of things spin—bicycle wheels, footballs, hard disks in your computer, and even the Earth—they’re all twirling around. Spinning things have inertia, which means they keep spinning unless something slows them down. Discover why some things spin and others don’t.

**FORENSICS**

- **FORENSICS** (Bill Nye Series): 30 min, grades 4-8: Forensic scientists try to find out the who, what, when, where, and why of events in the past—crimes. Most forensic scientists work in police labs. They collect evidence from the scene of a crime and analyze the evidence in a lab. Forensic scientists look for clues that will help them solve a crime. Fingerprints, footprints, hair, blood, and traces of gunpowder can be helpful evidence. Forensic scientists use all sorts of scientific instruments to analyze even the smallest bit of hair or the tiniest chip of paint. By scientifically testing evidence from the crime scene, and by knowing about evidence from past cases, forensic scientists can piece together what happened, to figure out who did what, and to help police catch a criminal. The Forensics episode is so good; to miss it should be a crime.

**FORESTS**

- **DOWN ON THE FOREST FLOOR** (Life Habitat Series) 15 min, grades 2-5: A group of students visit a forest where they investigate how life on the forest floor has adapted to changing seasons. Study decomposers effects as the trees lose their leaves and the process of decomposition begins.

- **FORESTS** (Bill Nye Series): 30 min, grades 4-8: Forests have trees, and lots of them. But there’s more to forests than meets the eye. Forests keep land warmer in the winter and cooler in the summer. They stop land from eroding. Forests also make lots of oxygen for us to breathe. Venture deeper into a forest and you’ll see that it’s home sweet home for a lot of different plants and animals.

- **IN CELEBRATION OF TREES**: 50 min, grades 3-8: Experience the age and beauty of the old growth forest in Olympic National Park. Discover the diversity and vibrancy of the tropical Florida Everglades and witness the silent passage of timberland seasons in the Shenandoah Valley.

- **PUZZLE OF THE ROTTING LOG** (Life Habitat Series): 12 min, grades 2-5: A group of children investigate rotting logs in a forest. They are introduced to decomposition, an important ecological process and natures recycling system. This program describes the way decomposers such as fungi, worms, and bacteria work and how new life springs from decomposed matter.

- **TREE TALK**: 4-15 min lessons, grades 4-6: A series designed to teach students major concepts pertaining to trees and to motivate students to learn more about trees through activities suggested in the program and guide. Activities that can be done by the students are emphasized. Lessons include:
  1. Identifying Trees
  2. Tree Trails
3. Using Trees
4. Transplanting Trees

**FOSSILS**

- **FOSSILS** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy helps students discover the relationship between dinosaurs and birds, and see that rhinoceroses once lived in Nebraska. Bill also tracks down dinosaur footprints with paleontologist Grace Irby and travels to the La Brea Tar Pits to see what's underneath all that tar. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher's guide.

- **FOSSILS & DINOSAURS**: 14 min, grades 3-5: By viewing the video, discussing the concepts presented and engaging in the accompanying activities, children will enhance their knowledge about the dinosaurs that once lived on Earth. Various dinosaurs and their characteristics will be introduced and discussed.

**GARBAGE**

- **GARBAGE** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Living things make waste, but only humans make waste that is non-biodegradable. The amount of non-biodegradable waste can be lowered by reducing, reusing, and recycling.

**GRAVITY**

- **GETTING TO KNOW GRAVITY**: 15 min, grades 3-6: Explains how gravity affects people and things on Earth and how it affects other planets.
- **GRAVITY** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy explores the topic of gravity. Bill looks at how gravity holds the ocean on Earth, makes Earth round and keeps humans on the ground. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.
- **MAGIC SCHOOL BUS GAINS WEIGHT**: DVD & VHS: 30 min, grades 1-3: Topic: Gravity: Guess who’s selected to give an exhibition of a slam dunk during half-time of the big basketball game--Phoebe! The problem is, Phoebe can't jump high enough. ’If only gravity didn’t pull on me!’ she moans. Never one to be tied down, Ms. Frizzle sends them into space and turns the bus into a planet - with adjustable gravity! Basketball's a snap with low gravity and a riot with no gravity at all. But when they end up with way too much gravity, things get really heavy!

**HEAT**

- **HEAT** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: The speed of the molecules depends on their temperature. Cold things have slow-moving molecules, while hot things have fast-moving molecules. In fact, temperature is really a measurement of molecule speed. For a cold thing to get warm, its molecules have to speed up. Heat moves in three different ways — conduction, convection, and radiation.
- **MAGIC SCHOOL BUS IN THE ARCTIC**: DVD ONLY: 30 min, grades 1-3: Topic: Heat: “Where did the hot go?” wonders Arnold when his hot cocoa cools off. So, Ms. Frizzle whisks the class to the Arctic!
HUMAN BODY

- **COMMUNICATION** (Bill Nye Series): 30 min, grades 4-8: Animals communicate by exchanging information. Humans store information outside their bodies.

- **HEALTH: YOUR SENSES AND THEIR CARE:** 8 min: An amusement park creates a setting for identifying the functions of the five basic senses and illustrates how much we depend on them. The film emphasizes to children that their senses protect them, so they must take good care of them.

- **HUMAN TRANSPORTATION** (Bill Nye Series) DVD & VHS: Bill Nye the Science Guy examines means of human transportation. Bill explores the ways in which humans move around for food, shelter and to meet other humans. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

- **MAGIC SCHOOL BUS: HUMAN BODY:** DVD ONLY: grades 1-3: Includes “For Lunch”, “Inside Ralphie”, and “Flexes It’s Muscles”.

- **LIFE CYCLES** (Bill Nye Series): 30 min, grades 4-8: My, how you’ve grown! The popular exclamation from your Auntie may be no great revelation, but growing bigger is a part of life. In fact, it’s part of the whole cycle, or pattern, of human life that began with your birth. The different stages in life are called life cycles. Humans aren’t the only ones with life cycles. At first, you might think that you have nothing in common with a cactus in the desert, or a fish in the sea, or the mold in your gym shoe, but you do. You’re all alive. You all have or will experience birth, growth, reproduction, aging, and eventually, death. Growing up, raising a family, living and dying could be worse, or at least, different. You could be a housefly. A fly born on the same day as you were would have been dead before you were five days old. Today is the first day of the rest of your life cycle!

- **MAGIC SCHOOL BUS FLEXES IT’S MUSCLES DVD & VHS:** 30 min, grades 1-3: Topic: Body Mechanics: Ralphie’s bored with chores, so he daydreams about building a robot to do his tasks. Before he can start, the Magic School Bus's mesmerglobber blows a gasket. At the body shop, Ralphie and the kids use spare parts to build a Ralphiebot. But the robot doesn’t move! By trial and error, the kids learn that everything 'hinges' on understanding how their own bodies move. They use parts that are like bones, joints, and muscles to get Ralphiebot working. But now the giant robot is out of control! Can Ralphie take Rapphiebot apart before he destroys the body shop?

- **MAGIC SCHOOL BUS FOR LUNCH:** DVD & VHS: 30 min, grades 1-3: Topic: Digestion: Arnold's dream comes true! Ms. Frizzle lets him skip the field trip. What he doesn't know is that HE is the field trip: The Bus takes the rest of the class on a rip-roaring ride through Arnold's digestive system. When they arrive at the large intestine, the kids refuse to finish the trip as waste products. Instead, they exit Arnold by traveling back up his digestive system. With the help of a burp, the class returns, and Arnold's friends give him a trophy for being the best field trip ever!

- **MAGIC SCHOOL BUS INSIDE RALPHIE:** DVD & VHS: 30 min, grades 1-3: Topic: Germs: There's action! Adventure! Excitement! All inside Ralphie's body. He's sick and has to stay home from school. So Ms. Frizzle and the class take the Magic School Bus to Ralphie’s bedroom. They shrink, go inside his body, and travel in his bloodstream to his sore throat. The kids find out what’s making Ralphie sick, and see his white blood cells fight the bacteria in a raging battle. Ralphie's winning! But there's one problem. Now the white blood cells think the Magic School Bus is a germ. How can the class escape?

- **MAGIC SCHOOL BUS WORKS OUT:** DVD ONLY: 30 min, grades 1-3: Topic: Circulation: At this year’s Teacherathalon, Ms. Frizzle squares off with Mr. Sinew, a muscle-bound gym teacher. Sinew easily wins the first of the three events. Thinking there’s a problem; the kids go inside Ms. Frizzle to check her out. The bus takes them through her lungs to the bloodstream, where they get pumped through her heart to her calf.
muscle. But when Ms. Frizzle's leg muscle collapses from the strain of winning the second event, the kids discover that her red blood cells can't get oxygen to her muscles fast enough! Can the kids help The Friz recover in time to win the final race?

- **MAN: THE INCREDIBLE MACHINE**: 55 min, grades 5-12: Design & adaptability of the human body.
- **MYSTERIES OF MANKIND**: 59 min, grades 5-12: Scientists use modern technology to search for the elusive early ancestors of modern humans. The mystery of our evolutionary heritage is far from solved, but scholars, scientists, and technicians continue to find clues. From careful analysis, they are learning about our origins and our development.
- **USING LIGHT ENERGY** (Science Clips for Students Series): 18 min, grades 5-8: Where does moonlight come from? How does the human eye make sense of what it sees? Explore the motion of the planets and stars, and go inside the human eye! Concepts from space science and life science are illustrated with amazing footage and graphics. Explore reflections, discover how the eyes of a cobra differ from their own and travel to the center of the sun.

**INSECTS**

- **ALL ABOUT BUGS** (Animal Life for Children Series) **DVD & VHS**: 23 min, grades K-4: enter the wonderful world of bugs! Children will learn about many different kinds of bugs, including their common characteristics and the special roles they play in the circle of life. While some people may consider them “pests”, many bugs help to pollinate plants while others help to decompose plant and animal waste. In a fun, hands-on activity, children will make their own vacuum trap that allows them to easily collect bugs for up-close study. They’ll also join an entomologist—a bug expert—as he discusses important body features of bugs and how bugs adapt to survive in their environments.
- **BEES & PLANTS DVD**: 11 min, grades 1-5: Explore the subject of bees and plants in this live-action educational program. The program explores the special relationship between bees and flowers, shows how pollination helps both bees and plants, and looks at how bees live, work and communicate.
- **BUBBLES: HOW DO INSECTS WALK ON WATER?** (Science for You Series): 15 min, grades 3-4: No description available.
- **BUG CITY**: 10-23 min lessons, grades 1-6: All aspects of bug life are touched upon, including body structure, food, habitat, life cycle, mating, camouflage, mutualism, adaptations, social behavior and more:
  1. Ants
  2. Aquatic Insects
  3. Bees
  4. Beetles
  5. Butterflies & Moths
  6. Crickets, Grasshoppers & Friends
  7. Flies & Mosquitoes
  8. House & Backyard Insects
  9. Ladybugs & Fireflies
  10. Spiders & Scorpions
- **BUTTERFLY WORLD: JEWELS OF THE SKY**: 35 min, grades 3-6: With film footage from all across the globe, this program presents some of the world’s most varied and exotic butterflies. Features footage and fascinating facts on egg laying, molting, emerging and flying, plus defense, migration, eating and more.
- **DRAGONFLY**: 15 min, grades 1-3: Covers the dramatic life cycle of the ancient insect.
• **EYEWITNESS BUTTERFLY AND MOTH:** 35 min, grades 2-5: Based on the revolutionary book series. Butterfly & Moth takes a flight of fancy with nature’s most beguiling creatures. See their miraculous transformation from lowly caterpillar to airborne adult, and learn why these delicate insects have long entranced and inspired us. Narrated by Martin Sheen.

• **EYEWITNESS INSECT:** 35 min, grades 2-5: Based on the revolutionary book series. Industrious, sociable and environmentally useful. Insects are never the less avoided and ignored. Here, you can safely examine the wonders of the insect world through macro photography and startling 3-D graphics that reveal the true importance of the amazing creatures. Narrated by Martin Sheen.

• **HABITATS: WHO NEEDS BUGS?:** (Science for You Series): 15 min, grades 3-4: No description available.

• **INSECTS** (Bill Nye Series): 30 min, grades 4-8: Do you know when you’re looking at an insect? All insects have six legs, three body segments, antennae, and an exoskeleton. Insects don’t have bones. Instead, they have hard shells called exoskeletons. Although people call any crawling critter with an exoskeleton a “bug”, the “true bugs” are insects that have special mouth parts for piercing and sucking. And, spiders are not bugs or even insects. If you think you have a wild time growing up, take a look at an insect’s life. Most insects go through at least four stages of growth — egg (little round thing), larva (a bit like a worm), pupa (insect in a cocoon), and adult. It’s a long road to maturity for an insect.

• **MAGIC SCHOOL BUS: BUGS, Bugs, Bugs: DVD ONLY:** grades 1-3: Includes “In a Beehive”, “Gets Ants in the Pants”, and “Butterfly and the Bog Beast”.

• **MAGIC SCHOOL BUS: THE BUTTERFLY & THE BOG BEAST: DVD & VHS,** 30 min, grades 1-3: Topic: Butterfly: The school soccer team is about to play a big game - and they need a new mascot. Janet, Arnold's bossy cousin, suggests the 'Bog Beast' as mascot, and the class heads for Butterfly Bog in search of the beast. There, the bus shrinks to butterfly size, and the kids are tricked, surprised, and frightened by what they think are 'Bog Beasts.' The kids discover that 'Bog Beasts' are really butterflies - winged wonders that protect themselves with camouflage and mimicry. The kids agree: A butterfly will make a great mascot. If only they can unshrink themselves by game time!

• **MAGIC SCHOOL BUS IN A BEEHIVE: DVD & VHS:** 30 min, grades 1-3: Topic: Honeybees: Tim’s beekeeper grandfather has the sweetest honey in town. Ms. Frizzle turns her class into bees so they can visit a hive and learn how raw honey is processed firsthand.

• **MAGIC SCHOOL BUS SPINS A WEB: DVD & VHS:** 30 min, grades 1-3: Topic: Spiders: What do you do when a 50-foot praying mantis menaces your town? Run like the wind...unless you’re in Ms. Frizzle’s class and she’s taken you on a field trip inside a science fiction film, circa 1950. The movies main character, the power-mad General Araneus, is determined to destroy the mantis, but Phoebe wants to trap it and save it! Shrinking to the size of real spiders, the kids discover how spiders construct a variety of silky snares, making them world-champion trappers. Can the kids save the mantis - and stop Araneus before it’s too late?

• **SPIDERS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy demystifies the most misunderstood creature, the spider, by showing how cool spiders really are and how these eight-legged predators spin their webs and balance the ecosystem by preying on pesky insects. Features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun.

• **SPIDERS:** 60 min, grades 5-8: This special focuses on the elusive arachnids, their way of life, and their relationship with their rather large neighbors—human beings.

• **SPIDERS & SCorpIONS** (Bug City Series): 23 min, grades 1-6: Found in virtually every climate and habitat, spiders are arachnids (not insects) and this program examines all facets of spider life—webs and the spider’s use of silk, eating habits, growth and molting, mating habits and care of the young. Scorpions are relatives of
the spider, and they each possess a poisonous stinger. The program reviews the lifestyle of scorpions and later presents tips on creating a spider habitat for common house or garden spiders.

- **SPIDERS: WEB OF STEEL:** 25 min, grades 4-8: A single strand of spider’s silk is five times stronger than a same-sized filament made of steel. Spiders may kill with their venom but they can do serious damage with their highly intricate webs. With the help of high-speed photography and spider experts, you’ll discover many secrets about these fascinating creatures.

- **WORMANIA!** 26 min, grades 3-8: This video shows close-up scenes of live earthworms in their natural habitat. Mary Appelhof, “Worm Woman”, brings these creatures of the dark into the light in the first viewing of live worms at work. See a night crawler drag a leaf across the ground, the rhythmic beating of a worm’s five pairs of hearts, and a baby worm hatching from its cocoon.

**INVENTIONS**

- **AMERICAN INVENTORS: THE FABULOUS STORY OF HOW INVENTORS CHANGED THE WAY WE LIVE!** 45 min, grades 4-12: This video is taken from a multi-media presentation at Constitution Hall in honor of the Bicentennial of the United States Constitution.

- **GREAT INVENTORS** (This is America, Charlie Brown Series): 24 min, grades K-4: A Peanuts salute to inventions results when Sally gives a school report. Alexander Graham Bell, Thomas Edison and Henry Ford are among those discussed in this video.

- **INVENTIONS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy and special guest Samuel L. Jackson examine the process of inventing. Bill and Samuel explore how some of the world’s most valuable inventions have come about by careful planning and by accident.

**LIGHT**

- **ALL ABOUT LIGHT** (Physical Science for Children Series): 23 min, grades K-4: Come along on a fun journey to answer questions like: “Why does light shine through some things and not others?” And “Why can we see our reflections in water, but not in a rock?” Learn how light travels in waves, as well as how those waves behave. Includes an introduction to the three main characteristics of light waves: amplitude, wave length, and frequency. Discover the connection between light and color and learn why we stay cooler when we are out in the sun by wearing lighter colored clothes.

- **LIGHT** (Physical Science in Action Series): 23 min, grades 5-8: Learn how light travels in waves and about wavelength, amplitude and frequency. A series of fun, real-life demonstrations explore the behavior of light waves, including reflection, absorption, and refraction.

- **LIGHT AND COLOR** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy explores the subjects of light and color in this episode. Bill goes somewhere over the rainbow as he reflects upon light and color.

- **LIGHT AND COLOR: WHAT COLOR IS AN APPLE AT NIGHT?** (Science for You Series): 15 min, grades 3-4: No description available.

- **LIGHT AND DARKNESS** (Science Clips for Children Series): 18 min, grades K-4: How is a television camera like a human eye? Why can some creatures see in the dark? What is a shadow puppet? Young viewers go on
a real adventure to witness a cliff-top night rescue, follow a nocturnal badger as he makes his way through the darkness and travel to Norway in winter where the night is endless. Children learn how our eyes adjust to see in the dark, discover how light travels and find out why, as the day goes by, the direction and the shape of how shadows change.

- **LIGHT OPTICS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy reflects, refracts, bends, bounces, absorbs and pulls light waves to show how things can be seen in different ways. Using lenses, mirrors and water, Bill's optical illusions are sights to behold. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists, and hands-on experiments to make the concepts presented understandable and fun.

- **MAGIC SCHOOL BUS GETS A BRIGHT IDEA:** DVD ONLY: 30 min, grades 1-3: Topic: Light: The light show at Walkerville’s old theater is illuminating, but Arnold’s bossy cousin Janet claims she could put on a much better show—if there wasn’t a ghost living in the theater!

- **PROPERTIES OF LIGHT** (Minds on Science Series): 20 min, grades 5-8: No description available.

### MACHINES

- **ALL ABOUT SIMPLE MACHINES** (Physical Science in Action Series): 23 min, grades K-4: This video introduces students to the concepts of forces, work and how machines are used to make work easier. Six simple machines are presented using fun, real-life demonstrations and clear, colorful graphics: The lever, the wheel and axle, the pulley, the inclined plane, the screw and the wedge. Learn more about these simple wonders and see how they are the basis for most of the world’s tools and machines.

- **DID YOU EVER WONDER: HOW ARE STEEL & WASHING MACHINES MADE?**: 20 min, grades 3-6: Features a lesson on the impact of steel on the world’s economy and a tour of the Maytag Washing Machine Plant in Newton, Iowa.

- **INCLINED PLANES** (The Way Things Work Series): 13 min, grades 3-6: Inhabitants of Mammoth Island have decided to smash boulders into bits by dropping them off a wooden tower to make gravel for their new roads. Olive suggests they roll the boulders up a ramp, and proves it takes less effort to roll boulders up an inclined plane.

- **LEVERS** (The Way Things Work Series): 30 min, grades 4-8: After observing some children playing on a see-saw, Olive is inspired to try a simple machine called a lever to weigh their mammoth for the “Heaviest Mammoth” competition. Come explore the properties of the three classes of levers.

- **MACHINES IN MOTION**: 25 min, grades 3-6: In this three part program, students will discover the principles behind machines in motion and find out just what allows airplanes to fly, trains to stay on track and cars to have horsepower.

- **MAGIC SCHOOL BUS REVVING UP:** DVD ONLY: 30 min, grades 1-3: Topic: Engines: The school district’s Vehicle Maintenance Inspector, Junkett, is about to condemn the Magic School Bus!

- **PULLEYS** (The Way Things Work Series): 30 min, grades 4-8: Inhabitants of Mammoth Island try to find the best method to lift their mammoths. A young Islander decides to use a simple machine called a pulley to get the job done.

- **SIMPLE MACHINES** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Learning about science can be hard work, but simple machines can make it easier. Let Bill Nye push and pull you around ramps, levers, screws, and
pulleys. Simple machines simply make work easier by directing forces over distances. With simple machines we don’t have to push or pull as hard, but we have to push or pull over a longer distance.

- **SIMPLE MACHINES** (Physical Science in Action Series): 23 min, grades 5-8: The concepts of work and how humans use certain basic tools to help get work done are explained in this video. Work happens when a force is used to move an object over a distance. Simple machines are used to either reduce the force or increase the distance over which the force or is exerted. Six simple machines are explained: the lever, the wheel and axle, the pulley, the inclined plane, the screw and the wedge.

- **SIMPLE MACHINES: DVD**, 15 min, grades 4-6: Students learn to define and recognize the six simple machines: the inclined plane, the wedge, the screw, the lever, the wheel and axle, and the pulley. Real life situations demonstrate the function and purpose of each machine.

**MAGNETISM**

- **ALL ABOUT MAGNETS** (Physical Science for Children Series): 23 min, grades K-4: Explore what makes something ”Magnetic” and learn that while magnets come in many different shapes and sizes, they all have two things in common: a north and a south pole. Discover that opposites attract and likes repel, and how this concept is used to propel the unique “Bullet Train”, which is able to move at high speeds without touching the train tracks. Magnetic fields and electromagnets are explained dramatically by a scrap yard crane lifting tons of metal high in the air.

- **MAGIC OF MAGNETISM**: 15 min, grade 3: Discover what a magnet is, the properties of magnets, magnetic fields, and the types of objects that are attracted to magnets.

- **MAGNETISM** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: They’re on your refrigerator, they’re inside your computer, and you’re even standing on one right now. They’re magnets, and forget about being repulsed. Bill Nye the Science Guy’s “Magnetism” episode is totally attractive.

- **MAGNETISM** (Physical Science in Action Series): 23 min, grades 5-8: Explore concepts such as ferromagnetism, magnetic fields and magnetic domains. Discover the differences between temporary and permanent magnets, and the connection between magnetism and electricity.

- **MAGNETISM** (Minds on Science Series): 20 min, grades 5-8: No description available.

- **MAGNETISM: WHY DOES A COMPASS POINT NORTH?** (Science for You Series): 15 min, grades 3-4: No description available.

- **PROPERTIES OF MATERIALS** (Science Clips for Children Series): 18 min, grades K-4: What makes magnets special? How is nylon different from wood? In this video viewers learn about the form and function of the objects and materials that make our lives easier. Children discover a use for magnets as they swim with divers looking for sunken treasure and learn how the Earth is like a giant magnet! Students travel over a bridge made of plastic and glass and venture to an ice hotel where even the beds are made of ice!

**MEASUREMENT**

- **MEASUREMENT** (Bill Nye Series): 30 min, grades 4-8 DVD & VHS: Bill Nye the Science Guy explores tools of measurement, from telescopes and microscopes to radar, scales and thermometers. Bill explores how measurement tools are used to compare stuff in the universe and make observations about everything from the smallest atom to the largest galaxy. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.
MINERALS

- **MINERALS** (Earth Science in Action Series): 23 min, grades 5-8: 90% of the Earth is made of minerals, natural materials that form the building blocks of the solid structures on our planet. Students will examine the make up of a mineral.

MOLECULES

- **MAGIC SCHOOL BUS MEETS MOLLY CULE:** DVD & VHS: 30 min, grades 1-3: Topic: Molecules: When Wanda’s favorite singer, Molly Cule, comes to town; she chooses Ms. Frizzle’s class to wash her famous car. The kids clean the car top to bottom, but Molly insists they missed a spot. Only when they shrink small enough to see molecules can they clean the car down to the very last bit - but time is running out, and they need a molecular miracle to get the job done before Molly’s concert begins.

LIQUIDS AND WATER:

- **LIQUIDS AND WATER:** Grades 4-8: What are those molecules doing when they evaporate? When they condense? Why do they change from a liquid to a solid and back again in the first place? Find out in this video lesson as we discover the world of liquids.

NATURAL RESOURCES

- **LEARNING ABOUT NATURAL RESOURCES:** 22 min, grade 3: Discover where natural resources are found on Earth, and think about the ways we use natural resources like water, coal, oil, soil, lumber, solar energy, and wind. Determine the difference between renewable and nonrenewable resources, and learn ways we can conserve natural resources.

- **TAKING CARE OF OUR EARTH DVD:** 16 min grades K-3; Explains the importance of natural resources to life on Earth, looking at how water, air, and soil are used and how they become polluted, and discussing ways to protect natural resources through conservation and recycling.

- **USING NATURAL RESOURCES** (Science Clips for Children Series): 26 min, grades K-4: What makes steel different from rubber? How is glass made? Why can some rocks be used to build bridges while others crumble at a touch? This video illustrates how the materials that make up our world can be grouped and changed. Travel to a demolition derby, see how skateboards are tested and follow the life cycle of a rock as it is formed within the Earth and ultimately becomes part of the soil.

NUTRITION

- **DID YOU EVER WONDER: HOW ARE CHOCOLATE BARS MADE?:** 20 min, grades 3-6: Features a lesson on balanced nutrition, a trip to the cocoa farms of Belize, and a “sweet” tour of Hershey Chocolates in Hershey, Pennsylvania.

- **DID YOU EVER WONDER: HOW ARE COMBINES & CEREAL MADE?:** 20 min, grades 3-6: Features a lesson on how the combine changed the dynamic of farming and a “grrreat” tour of the Kellogg’s Cereal Plant in Battle Creek, Michigan.

- **DID YOU EVER WONDER: HOW ARE JELLY BEANS MADE?:** Features a colorful look at how jelly bean flavors are created with a tour of the Jelly Belly Jelly Bean Plant in San Francisco, California.
• **NEBRASKA PORK: FOOD FOR THOUGHT:** DVD: 22 min, grade 4: An animated video that explains hog farming in Nebraska. The video tells the story of a suburban fourth-grader who knows nothing about hog farming, but comes to appreciate what is involved after a tour of a working farm. This is part of the 4th grade curriculum.

**OCEANS**

• **EXPLORING TEMPERATE OCEANS ECOSYSTEMS** (What’s It like Where You Live? Series): 34 min, grades 4-8: Investigate several factors of marine ecosystems. Concentrating on currents and salinity, “El Nino” and how ocean temperatures affect climate. Certain organisms have adapted to life in the shallow waters and others to deep, dark sea. Learn about adaptations on a trip along the Pacific coast as well as organisms on display in aquariums.

• **EXPLORING TROPICAL OCEANS ECOSYSTEMS** (What’s It like Where You Live? Series): 34 min: Explore the largest coral reef in North America found in Central America. Find many interesting creatures as they dive below the waves and examine life in and around the reefs, as well as the mangrove caves. Learn about several symbiotic relationships found in these warm waters.

• **EYEWITNESS SHELL:** 35 min, grades 2-5: Based on the revolutionary book series. Shell travels land and sea to open up an incredible world where creatures forgo speed in exchange for stupendous strength. The shell is one of the most dynamic solutions for survival in nature, and its greatest architectural achievement. Narrated by Martin Sheen.

• **OCEAN EXPLORATION** (Bill Nye Series): 30 min, grades 4-8: Bill’s making a commotion about the ocean in the “Ocean Exploration” episode. For thousands of years, humans have wondered: “What’s under the sea?” By exploring the ocean, we may discover new animals and plants, solutions to geological mysteries, or even how life first began. We can’t help but want to know what goes on down there.

• **OCEANS: WHY IS THE SEA SALTY?** (Science for You Series): 15 min, grades 3-4: No description available.

**PLANTS**

• **ALL ABOUT PLANT POLLINATION: FRUIT, FLOWERS, AND SEEDS** (Plant Life for Children Series) DVD & VHS: 23 min, grades K-4: Young scientists learn about the different parts of a flower through the use of microscopic photography and detailed programs. See how a flower becomes pollinated when pollen lands on the stigma of the same type of plant. Learn about the structure of seeds and how they develop inside fruit. Find out how seeds are dispersed and how the process starts all over again when a new plant begins to grow.

• **BIOLOGY OF PLANTS:** 6 lessons, grades 2-5:
  1. **How Plants Grow:** 17 min: Investigate how seeds germinate and what they need to germinate. The program introduces the idea that plants have a “life cycle” in which seeds germinate, plants grow, develop, produce new seeds, and die.
  2. **How Plants Get Food:** 17 min: Investigate the ways that plants get water and other nutrients to make food. The food plants make is a sugar called glucose, and the process is called photosynthesis. Photosynthesis is a fundamental biological process that is responsible for ultimately making & producing all of the food that animals eat and for producing all of the oxygen gases that animals breathe.
  3. **What is Pollination? A Sticky Question:** 16 min: Demonstrates the basic structure and function of flowers, and introduces children to the ways that flowers are pollinated. Shows important interactions between plants and animals. The structure of flowers, their sizes, colors, odors, and appearance are often related
to the type of pollination that occurs in the plant. The children in the video are asked to “Predict” what might pollinate a particular plant based upon their new knowledge.

4. **How Seeds Get Here...And There:** 16 min: Plants are dispersed throughout the world by seeds. Study seeds and seed dispersal, and discover there is a great deal of difference in seed structure. The size and shape of seeds is often related to how they are dispersed. As part of their investigation, the children experiment with wind blown seeds, measuring how far different seeds will blow based upon their shape and size.

5. **How Plants Live in Different Places:** 16 min: Investigate how plants are able to survive in different habitats. The program contrasts two extremes, the desert habitat (where water is very scarce) & the tropical rain forest (where water is plentiful), to show that plants have different adaptations to help them survive.

6. **Plants and Life on Earth:** 15 min: The last program in the series synthesizes ideas from earlier programs. In many ways, it pulls together a lot of ideas about plants and their role in the ecosystem and presents these ideas in a single format. Plants play important roles in making food, producing oxygen, providing habitats for animals, helping make and preserve soil, and providing useful products to people.

- **CHARACTERISTICS OF PLANTS** (Science Clips for Children Series): 18 min, grades K-4: Are plants like people? What do plants need to survive, and how can people help them to grow well? Go to a banana plantation and see the many things that plants provide. Amazing time lapse photography showcases the life cycle of a bean plant from germination to fruit development. Children will learn about the parts of a plant, and then travel to the desert to discover the unique adaptations of a cactus.

- **ECOSYSTEMS & HABITATS** (Science Clips for Children Series): 18 min, grades K-4: What kinds of plants and animals can be found in a forest? In a pond? On the ocean shore? Explore the amazing adaptations that allow living things to survive and reproduce in their environments. Children learn the vocabulary of ecology as they observe various food chains and gain an understanding of how interdependent all creatures are!

- **FLOWERS** (Bill Nye Series) **DVD & VHS:** 30 min, grades 4-8: Bill Nye the Science Guy and special guest Drew Barrymore explore the world of flowers. Bill and Drew explore how flowers make seeds, play a key role in pollination and help plants to reproduce. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

- **LIVING AND NONLIVING THINGS:** **DVD:** 12 min: Students learn that all living things have needs and some of these are air, water, and energy from food. They are shown how to tell the difference between living and nonliving things. They also learn that plants are living things and see how their needs are met and how they move, grow, and change. Finally, they compare objects at home, in a pond, in a neighborhood, and on a farm, and group them as either living or nonliving.

- **MAGIC SCHOOL BUS GETS PLANTED:** **DVD & VHS:** 30 min, grades 1-3: Topic: Photosynthesis: Phoebe tries to grow a vine for the school play, ‘Jack and the Beanstalk,’ but her plant is more like a bean sprout than a beanstalk! With the opening curtain of the play only minutes away, Ms. Frizzle turns Phoebe into a real plant. But Phoebe finds she doesn’t know how to grow. With time running out, the bus and kids shrink and travel into a nearby plant to do research. They discover that its leaves are its own private food factory. With this information, the kids rush back to help Phoebe grow into the star of the show!

- **MAGIC SCHOOL BUS GOES TO SEED:** **DVD & VHS:** 30 min, grades 1-3: Topic: Seeds: The photographer from Plant It! Magazine is coming to photograph Ms. Frizzle’s class garden. But Phoebe doesn’t have a plant. She wants to get her plant from the garden at her old school and replant it in her new school garden. There isn’t much time, so Ms. Frizzle turns the Magic School Bus into a tiny ladybug-bus and flies the class to the other schools garden. The kids get a bugs-eye view of the flower world and find out how seeds are created,
how they travel, and how they grow into plants. Will the class be able to get the seed from Phoebe’s plant back to their garden? Can Ms. Frizzle sprout the seed in time for the photo shoot?

- **PLANTS (Bill Nye Series) DVD & VHS:** 30 min, grades 4-8: Bill Nye the Science Guy explores the world of plants. Bill explains wild things about plants such as how they breathe, make food, defend them and move their seeds around. DVD includes a printable teacher's guide filled with suggestions for extension activities and classroom experiments.

- **PLANT LIFE FOR CHILDREN DVD:** 5-23 min lessons, grades K-4: This video series introduces young viewers to the plant world, where they will learn about the parts of a plant, how they grow, how pollination works and much more. Children will be intrigued as they find out about the incredible variety of plants from the Venus flytrap to the Saguaro cactus.
  1. All about Caring for Plants
  2. All about Plant & Animal Interdependency
  3. All about Plant Adaptation
  4. All about Pollination: Fruit, Flowers & Seeds
  5. All about Plant Structure & Growth

- **PLANT LIFE IN ACTION DVD:** 6-23 min lessons, grades 5-8: Why study plants? Why are they so important? Lab partners Anna and Jack had similar questions, but they soon found out about the countless reasons why plants are important in our lives. With the help of their friends from around the country, the inquisitive duo learn about the tremendous variety of plants and their value in this entertaining series that examines all aspects of plant life – from their growth process and life cycle to their basic needs. Students will learn the role plants play in the environment, their evolution and adaptation, and how they interrelate with people and animals.
  1. Photosynthesis
  2. Plant & Animal Interdependency
  3. Plant Biodiversity
  4. Plant Reproduction
  5. Plant Structure & Growth
  6. Plants & People: A Beneficial Relationship

- **PLANT LIFECYCLES:** 20 min, grade 3: With the help of a friendly scarecrow, students identify the basic needs of plants. They learn how seeds grow into plants and that the plant goes through changes called a lifecycle. They witness each step as seeds germinate and grow into flowering plants which produce seeds that eventually germinate and grow again.

- **PLANTS OF THE RAINFOREST (Rainforest for Children Series) DVD & VHS:** 25 min, grades 3-6: Extraordinary visuals introduce young students to some of the many flowers, vines, fungi and trees found from the forest floor to the top of the forest canopy. Presenting information on dozens of plants, the program explains the ecology of the forest, and explores the human uses of the rainforest for food and medicine. Includes info on ajo trees, purple heart trees, nispero chicle trees, reseco trees, plantanilla trees, Panama hat plants, cecropia trees, chanto palms, kapok trees, coconut palms, strangler fig vines, mushrooms and other fungi, cuarina vines, nace trees, achetello trees, vacco trees, cocoa trees, golden fruit trees, escobilla plants and capiallo trees.

- **THE SIX KINGDOM CLASSIFICATION PART I:** 17 min; Explains the rationale for the modern six kingdom classification. Gives a brief history of classification, then presents organisms of the Animal Kingdom; the Plant Kingdom; and the Fungi Kingdom.
• **THE SIX KINGDOM CLASSIFICATION PART II: DVD**, 19 min; Explains the rationale for the modern six kingdom classifications. Illustrates the characteristics of each kingdom, then presents the Protista Kingdom; Eukaryotic Cells; Prokaryotic Cells; Eubacteria Kingdom; Archaebacteria Kingdom. Discusses domains.

• **WHERE DO NEW PLANTS COME FROM?: DVD**, 15 min; Illuminates, using extreme close-ups, slow motion, and students, how pollination and plant ecological relationships work. With live-action seasonal changes and an animated wheel of life, Mr. Rotovator shows students how plants fit into the cycles of nature.

**POLLUTION**

• **POLLUTION SOLUTIONS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy explores solutions to the worldwide problem of pollution, from cleaning water to cleansing air. Bill demonstrates how important it is for all humans to prepare for the future by recycling, researching and developing innovative solutions to combat pollution. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

**PROPERTIES OF MATTER**

• **ALL ABOUT PROPERTIES OF MATTER** (Physical Science for Children Series): 23 min, grades K-4: Go on an exciting journey inside a mysterious cave to a sailboat on the open sea. Along the way they’ll learn that all objects are made of matter, and that all matter can be described with basic scientific properties: mass, weight, volume, and density. Each of these is explained using fun, real-life examples and clear, colorful graphics. Students are also introduced to the basic forms of matter: solid, liquid and gas.

• **ALL ABOUT SOLIDS, LIQUIDS & GASES** (Physical Science for Children Series): 23 min, grades K-4: Young students will be introduced to the three common forms of matter. They’ll learn that all things are made up of tiny particles called atoms and that the movement of these particles determines the form that matter takes. They will also discover how matter can change from one form into another when energy is added or taken away.

• **CHANGES IN PROPERTIES OF MATTER** (Physical Science in Action Series): 23 min, grades 5-8: Come along on an exciting journey to discover how and why changes form matter. Clear explanations and colorful graphics help students understand terms including freezing point, melting point and boiling point, as well as the processes of vaporization, evaporation, sublimation and condensation. Discover the role of energy and its effect on the movement of particles in a substance, and learn the difference between chemical and physical changes. They’ll also learn about Antoine Lavoisier, the father of modern chemistry, and see a fun, hands on demonstration that tests the Law of Conservation of Matter.

• **MATTER**: Grades 4-8: This video teaches students that when referring to matter, the term “mass” should be used, not weight. Students will realize that whether a material is liquid, gas or solid, is determined by factors such as temperature, pressure and the intermolecular attractive forces. The concept of density is also discussed along with Archimedes Principle and his humorous “Eureka” story.

• **PROPERTIES OF MATERIALS** (Science Clips for Children Series): 18 min, grades K-4: What makes magnets special? How is nylon different from wood? In this video viewers learn about the form and function of the objects and materials that make our lives easier. Children discover a use for magnets as they swim with divers looking for sunken treasure and learn how the Earth is like a giant magnet! Students travel over a bridge made of plastic and glass and venture to an ice hotel where even the beds are made of ice!
• **PROPERTIES OF MATTER** (Physical Science in Action Series): 23 min, grades 5-8: Students will learn about physical properties (mass, weight, volume & density) as well as the four phases of matter (solid, liquid, gas and plasma). There is also an introduction to the idea of chemical properties observed when one substance actually changes into another.

• **SOLID, LIQUID, GAS**: 15 min, grades K-3: Explores the three forms of matter (solids, liquids, and gases) and illustrates basic concepts about their properties as children experiment with everyday materials. Includes observations of bicycles, waterfalls, weather vanes, and balloons.

• **STATES OF MATTER** (Science Clips for Students Series): 18 min, grades 5-8: How much do bubbles weigh? Lab footage demonstrates the concept of phase change and energy. Students travel to underground caverns, observe volcanologists analyzing gasses on the rim of a volcano and journey into the atmosphere to explore the water cycle.

• **STATES OF MATTER**: (Minds on Science Series): 20 min, grades 5-8: No description available.

• **STRUCTURE OF MATTER**: (Minds on Science Series): 20 min, grades 5-8: No description available.

• **TEMPERATURE, SOLIDS & LIQUIDS** (Science Clips for children Series): 18 min, grades K-4: How can trapped air keep us warm on a cold night? What happens when you heat sand? Learn that even solid rock will melt if heated enough and then also travel to a foundry to investigate the properties of metals like copper and aluminum. After learning about temperature and the Celsius scale, children discover what insulation is and find examples in nature and in the man-made world.

**RAINFORESTS**

• **EXPLORING THE RAINFORESTS** (What’s It like Where You Live Series): 31 min, grades 2-5: Student researchers visit the Temperate Rainforests of the Pacific Northwest. At the Quinault Rainforest they visit with students from a nearby Olympia, Washington school. By comparing data collected and investigating tropical plants in the Missouri Botanical Garden’s Climatron, comparisons are made of the Temperate Rainforests and the Tropical Rainforests. In a lab experiment the decomposition rate of leaves in both rainforests is analyzed.

• **EYEWITNESS JUNGLE**: 35 min, grades 2-5: Based on the revolutionary book series. Change your perception of this invaluable resource and recognize its significance as a refuge for the richest variety of plant and animal life on earth- and fully comprehend why this mysterious world is vital in maintaining our planet’s ecological balance. Narrated by Martin Sheen.

• **MAGIC SCHOOL BUS IN THE RAINFOREST**: DVD & VHS: 30 min, grades 1-3: Topic: Rainforest Ecology: The kids give a cocoa tree to Ms. Frizzle for an Earth Day present. When the tree yields only one bean, it’s off to the rain forest to discover why. The life of a cocoa plant, including how pods, mud puddles, and bugs play a part in its development should have the little ones curious (and a bit shocked) about how the basic ingredient in chocolate comes to be. All this plus side trips to visit iguanas and other animals of the rain forest.

• **PEOPLE OF THE RAINFOREST** (Rainforest for Children Series) DVD: 25 min, grades 3-6: Introduces students to the diverse lifestyles of people living in the tropical rainforests of Costa Rica, Brazil, Malaysia, Papua New Guinea, and Indonesia. Children will learn about the customs, skills and medicines of the people who live there, how they survive in the rainforest, their spiritual beliefs and their unique arts and music.

• **PLANT ADAPTATIONS: WHY LEAVES? WHY NEEDLES?** (Science for You Series): 15 min, grades 3-4: No description available.

• **PLANTS OF THE RAINFOREST** (Rainforest for Children Series) DVD: 25 min, grades 3-6: Extraordinary visuals introduce young students to some of the many flowers, vines, fungi and trees found from the forest floor to the top of the forest canopy. Presenting information on dozens of plants, the program explains the
ecology of the forest, and explores the human uses of the rainforest for food and medicine. Includes info on ajo trees, purple heart trees, nispero chicle trees, reseco trees, plantanilla trees, Panama hat plants, cecropia trees, chanto palms, kapok trees, coconut palms, strangler fig vines, mushrooms and other fungi, cuarina vines, nace trees, achetello trees, vacco trees, cocoa trees, golden fruit trees, escobilla plants and capiallo trees.

- **RAINFOREST**: 60 min, grades 3-8: Tropical rain forests are home to nearly half the animal species on Earth. Journey to the dense rain forests of Costa Rica and watch as leaf-cutting ants carry sections of leaves many times their weight to underground fungus gardens. A Basilisk Lizard walks on water and Howler Monkeys bask in the sun. This film is an eloquent warning of the natural wonders we stand to lose on a world scale if human encroachment of the world’s rainforests continue.

- **RAINFOREST VOICES**: 48 min, grades 3-8: Exquisite footage of the lush Costa Rican rainforest captures close up views of hummingbirds, scarlet macaws, toucans, poison dart frogs and howler monkeys.

- **TOTALLY TROPICAL RAINFOREST (Really Wild Animals Series) DVD & VHS**: 40 min, grades Pre k-4: Take a totally tropical trip to the rain forest and meet spotted jaguars, colorful poison-arrow frogs, slow-moving sloths, and loud-mouthed howler monkeys – all captured by the world’s finest filmmakers in the wildest place in the world.

- **TROPICAL RAINFOREST**: 40 min, grades 3-8: Features the birds and primates of the forest canopy and the insects of the forest floor. Also shows the adventures of researchers challenged to understand the forests even as they disappear. From close up to tree top views, the film lets the audience experiences the forest on its own terms to better understand and appreciate the treasures of this environment.

**RECYCLING**

- **MAGIC SCHOOL BUS HOLIDAY SPECIAL**: DVD & VHS: 30 min, grades 1-3: Topic: Recycling: The toy soldier Wanda needs to get in to see at the Nutcracker ballet gets turned in plastic pellets! Devastated, Wanda wishes for a world without recycling! Anxious to please, Ms. Frizzle takes the kids on a song-filled bus trip to Murphs recycling plant. The importance of recycling hits home when the bus’ magic unrecycles everything in Walkerville—including the bus itself, as it too was made from recycled objects. Will the kids find a way to reconstruct the bus in time for Wanda to get back to see the Nutcracker?

- **RECYCLING COORDINATOR dvd**: 10 min, grades K-3: In this program children will learn about the recycling process and the jobs and products created by the industry.

- **REDUCING, REUSING AND RECYCLING: ENVIRONMENTAL CONCERNS**: 26 min, grades 3-6: Presents information about America’s problems with waste accumulation and explains how individuals can reduce their garbage production.

**ROCKS**

- **IEWITNESS ROCK & MINERAL**: 35 min, grades 2-5: Based on the revolutionary book series. Rock and Mineral shatters the stone’s reputation for “rock solid” permanence. Discover how rocks keep a constantly changing record of our planet’s fascinating history, and see how minerals are at the very core of our civilization. Narrated by Martin Sheen.

- **MAGIC SCHOOL BUS ROCKS & ROLLS**: DVD ONLY: 30 min, grades 1-3: Topic: Water Erosion: To celebrate the founding of Walkerville, Mrs. Frizzle's class sculpts a stone likeness of Walkerville's founding father, Captain Walker - but the statue tumbles down the mountain. Ms. Frizzle turns the bus into a giant
boulder, the kids into rock-kids, and they give chase. By the time they reach the celebration at the base of the mountain, they've been pushed, tossed, sanded, polished, and eroded by water - as has the statue, now the size of the soccer ball. The kids are sure they've let everyone down - until they look back at the mountain for the surprise of their lives.

- **THE ROCK CYCLE**: 18 min, grades 7-12: Understand the processes that create, change and break down earth materials. Clear and concise definitions of the major rock types are illustrated using full motion video and colorful computer graphics.

- **ROCKS** (Earth science in Action Series) **DVD & VHS**: 23 min, grades 5-8: Students will examine the characteristics of each of the major types of rocks (igneous, sedimentary and metamorphic). From stalactites and stalagmites to intrusive and extrusive rocks, students will examine how rocks are formed in this exciting program.

- **ROCKS: WHEN IS A ROCK A LIQUID?** (Science for You Series): 15 min, grades 3-4: No description available.

- **ROCKS AND MINERALS** (Backyard Safari Series): 17 min, grades 3-5: Rocks & minerals are the foundation of our world. Everything solid found in nature began as a mineral. Without rocks & minerals, our lives would be drastically different. Developing an understanding of how integral rocks and minerals are to our daily lives will help children form a greater appreciation for the building blocks of our world.

- **ROCKS AND SOIL** (Bill Nye Series) **DVD & VHS**: 30 min, grades 4-8: Bill Nye the Science Guy explores the world of rocks and soil in this episode. Bill unearths the solid facts of volcanoes, landslides, tectonic plates, rivers and weather, looking at their varied effects on the creation of rocks and soil. DVD includes a printable teacher's guide filled with suggestions for extension activities and classroom experiments.

- **ROCKS: SOLID EARTH MATERIALS PART 1**: 20 min, grade 3: With the help from a Rock Wizard and a little imagination, students discover that the Earth is made up of rocks, and rocks are made of minerals. Discover the three ways rocks are formed and many of the properties of rocks and minerals (like size, shape, color and texture).

- **ROCKS: SOLID EARTH MATERIALS PART 2**: 27 min, grade 3: Travel deep inside the Earth to discover how rocks & minerals are formed, to learn about the three types of rock and to understand how rocks change through weathering and erosion. See the rock cycle and learn about the structure and composition of minerals.

- **USES OF ROCKS & MINERALS**: 18 min, grade 3: The rocks and minerals that form within the Earth are used to make many important and then constructed into glass, cement, bricks, houses, roads, and other objects used in our everyday lives.

**SCIENCE CONCEPTS**

- **DO-IT-YOURSELF SCIENCE** (Bill Nye Series): 30 min, grades 4-8: Do-it-yourself science involves a question, observations, a hypothesis, and experimentation. You have probably come up with questions after you noticed something unusual. For instance, why do fingers get all pruny and wrinkled when I sit in the tub? The observation – shriveled fingertips – is the first step. Do-it-yourself science requires an eye for details surrounding your observations. Collecting related information helps you get to the next step, what scientists call a hypothesis, or “educated” guess. After weighing all the evidence, you hypothesize that your fingers get pruny because of the hot water in the tub. Once you have a hypothesis, it’s time for the fun part – testing it out.
• **PROBABILITY** (Bill Nye Series) DVD & VHS: Bill Nye the Science Guy covers the concept of probability. In this episode, Bill makes the complicated concept of probability easy to understand while illustrating how probability can be used to predict events. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

• **PSEUDOSCIENCE** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy explains how the cold, hard facts of science can be used to test ideas, myths and inexplicable happenings. Bill tests scientific ideas along with scientist Bernard Leikind of the Skeptics Society.

• **SCHOOL HOUSE ROCK: SCIENCE ROCK** DVD & VHS: 30 min, grades K-5: Students learn science concepts with animation and catchy songs. Some of the songs include: “Interplanet Janet”, “Do the Circulation”. “Energy Blues” and “Telegraph Line”.

• **SCIENTIFIC METHOD** (Science for You Series): 15 min, grades 3-4: No description available.

• **THE SIX KINGDOM CLASSIFICATION PART I:** DVD, 17 min; Explains the rationale for the modern six kingdom classification. Gives a brief history of classification, then presents organisms of the Animal Kingdom; the Plant Kingdom; and the Fungi Kingdom.

• **THE SIX KINGDOM CLASSIFICATION PART II:** DVD, 19 min; Explains the rationale for the modern six kingdom classifications. Illustrates the characteristics of each kingdom, then presents the Protista Kingdom; Eukaryotic Cells; Prokaryotic Cells; Eubacteria Kingdom; Archaebacteria Kingdom. Discusses domains.

### SEASONS

• **THE FOUR SEASONS:** 15 min, grades K-3: Talks about the changes that occur during each of the four seasons.

• **THE FOUR SEASONS:** 5-15 min lessons, grades 2-6: This series is a wonderful pictorial journey for young children. The first four videos capture the essence of spring, summer, autumn, and winter, while the fifth program shows how the changing seasons affect an urban garden and a river bank. Stunning close-up photography.
  1. Spring
  2. Summer
  3. Fall
  4. Winter
  5. All Year Round

### SOUND

• **ALL ABOUT SOUND** (Physical Science for Children Series):23 min, grades K-4: Find out the answers to “Where does sound come from and how is it created?” Learn the basics of sound. Viewers will learn that sound starts with a vibration and that it travels in waves. Discover why sound needs a medium to travel through and why that is the reason there is no sound in space. Learn how sound waves bounce off of things creating an echo.

• **MAGIC SCHOOL BUS IN THE HAUNTED HOUSE** DVD & VHS: 30 min, grades 1-3: Topic: Sound: It all starts when Ms. Frizzles class is rehearsing Concerto for Invented Instrument. Carlos’s invented instrument looks great, but sounds ploopy. Ms. Frizzle takes the kids to the Sound Museum - which is a spooky old house on a lonely hill, full of mysterious sounds. The children explore the Soundscape Room, hearing sounds from jungle, mountain, sea, and city environments. In another room, the kids feel vibrations when they play giant
musical instruments. They put on special glasses and see sound waves in the Sound-O-Vision room. Can Carlos learn how to get the right sound from his musical instrument in time for the concert?

- **SOUND**: 18 min, grades 3-5: Sound is all around us. Take a moment to listen to the sounds that are around you. We use sound for many things, but most often to communicate. But do you know what sound is or how sound travels from the source to your ear? By viewing this video, discussing the concepts that are presented, you will know all about sound.

- **SOUND** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy explores the world of sound. Bill visits the rock group Soundgarden in the recording studio, where they unleash the power of sound as they tap, sing and band sound waves to eardrums everywhere. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

- **SOUND** (Physical Science in Action Series): 23 min, grades 5-8: An exciting in-depth look at how sounds are made and how sound waves travel. The program starts with the basics - all sounds start with a vibration. Then it’s on to a detailed examination of sound waves, how they move and how they are measured, including the concepts of amplitude, wavelength and frequency. This program also covers the ideas of pitch and echoes (the reflections of sound).

- **SOUND** (Minds on Science Series): 20 min, grades 5-8: No description available.

- **SOUND: WHAT IS AN ECHO?** (Science for You Series): 15 min, grades 3-4: No description available.

**SPACE**

- **CHALLENGER LEARNING CENTER** (Field Trip Series): 25 min, grades 2-6: Learn about space, space travel, communication skills and careers in a dedicated learning center.

- **COMETS AND METEORS** (Bill Nye Series) DVD & VHS: More than just high-speed space chunks, comets and meteors carry important information about the history of our universe. A comet or meteoroid has hit every planet and moon that we’ve discovered -- in fact, the Earth’s impact with comets and meteors may have created the oceans, caused the extinction of the dinosaurs or brought life to Earth! This live-action, fast-paced program also features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher’s guide.

- **MAGIC SCHOOL BUS GETS LOST IN SPACE**: DVD & VHS: 30 min, grades 1-3: Topic: Solar System: This time Arnold wants to go on a field trip — so his show-off cousin Janet can see what a great teacher Ms. Frizzle is. The Bus becomes a spaceship and the class visits the Sun, Mercury, Venus, and Mars. When an asteroid hits the “spaceship,” Ms. Frizzle puts on a jet pack and goes outside to make repairs. By accident, The Friz jets away into space, leaving the kids alone on the Bus. The class is lost in space without a teacher! Can the kids use what they know to find Ms. Frizzle and get back home?

- **MAGIC SCHOOL BUS OUT OF THIS WORLD**: DVD & VHS: 30 min, grades 1-3: Topic: Space Rocks: According to Dorothy Ann’s research, an asteroid is going to collide with Walkerville Elementary! To save the school, the class rockets into space to try and follow the asteroids path. There, the kids see comets, meteors, and other space objects. When the moons gravity pulls them off course, the kids discover that the bigger the object, the greater it’s gravitational pull. DA comes up with an out-of-this-world plan: They’ll find the asteroid, change its course, and fling it into the sun! Can the kids boldly go where no class has gone before? Or will school be out...forever?

- **MAGIC SCHOOL BUS SEES STARS**: DVD & VHS: 30 min, grades 1-3: Topic: Stars: When the kids see Horace Scope on the Star Shopping Network, they decide to buy Dorothy Ann a star for her birthday. Not wanting to buy something sight unseen, the kids blast off in the Magic School Bus to inspect the merchandise.
They visit a young star, and then a middle-age star - but it’s the third and last star they decide to buy. But when they give Horace their money, KABLOOM! the star explodes! Does this mean their star is gone forever?

- **MAGIC SCHOOL BUS SPACE ADVENTURES DVD ONLY**: grades 1-3: Includes the episodes of “Gets Lost in Space”, “Out of This World”, and “Taking Flight”.

- **THE MOON** (Bill Nye Series): 30 min, grades 4-8: The appearance of the Moon changes in a predictable cycle. This happens because the moon goes around the Earth and the Earth goes around the Sun. Let the moon master Bill Nye teach you the ancient and not-so-ancient secrets of the Moon.

- **MY FANTASTIC FIELD TRIP TO THE PLANETS DVD**: 29 min, grades 2-5: Children will learn all about the planets in this live-action musical adventure.

- **NASA SPACE SYSTEM** (This is America Charlie Brown Series): 30 min, grades 1-4: Peanut pals join Charlie Brown on a 90 day space mission. Join them as they conduct experiments, take a space walk, and take care of the Earth.

- **OUR SOLAR SYSTEM**: 10 min, grades K-4: Our Solar System teaches the names, orbital positions and characteristics of each planet using the phrase “My very educated mother just served us nine pizza pies.”

- **OUTER SPACE** (Bill Nye Series) **DVD & VHS**: 30 min, grades 4-8: The show is way out there, way far away. After all, it’s in Outer Space. When you look at the night sky on a clear dark night, you can see thousands of stars. There are far more than you could count. And, they are way out there. They are very, very far away. It’s about the hardest thing to imagine about space.

- **THE PLANETS** (Bill Nye Series) **DVD & VHS**: Bill Nye the Science Guy goes planet-gazing. Bill takes a serious look at Jupiter’s features, Earth’s elliptical orbit and the distances between planets before demonstrating how to make Mars soil. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

- **SPACE EXPLORATION** (Bill Nye Series) **DVD & VHS**: 30 min, grades 4-8: Bill Nye is spacing out – with space exploration. Space is hard to explore, because it’s really, really big. Most things in space are so far away that people build special equipment just to see them.

- **SPACE SCIENCE FOR CHILDREN DVD**: 5-23 min, grades K-4: What’s the difference between a star and a planet? What is the Earth made of? Is there life on other planets? Young students explore the answers to these basic questions about space in this engaging video series.
  - All about Stars
  - All about the Earth
  - All about the Moon
  - All about the Planets
  - All about the Sun

- **SPACE SCIENCE IN ACTION DVD**: 9-23 min lessons, grades 5-8: Along with two aspiring astronauts waiting for their first assignment from NASA, students will test their knowledge about the Earth, its atmosphere, the other planets, the solar system and the universe. Fascinating NASA footage and hands-on investigations ideal for science fair project ideas will make learning about space a real adventure.
  - Astronomy
  - Earth
  - Earth’s Atmosphere
  - Moon
  - Planets & the Solar System (also on VHS)
  - Space Exploration
  - Stars
- Sun
- Universe

**STARS: BIRTH AND DEATH PART I: DVD**, 15 min; Depicts the birth and death of stars in the universe, including our sun. Follows the life of stars, from their formation by the compression of gases by gravity, through their various stages of maturity and decline. Discusses red giants, white dwarfs.

**STARS: BIRTH AND DEATH PART II: DVD**, 15 min; Presents a brief review of Part 1. Part 2 continues with the exploration of the size, expanding speed and chemical composition of some well known nebulae. Follows the life of stars, from their formation by the compression of gases by gravity through maturity and decline.

**STARS! STARS! STARS! DVD**: 10 min, grades K-3: Children take a ride through outer space to visit distant planets and stars.

**THE SUN** (Bill Nye Series)**DVD & VHS**: 30 min, grades 4-8: Bill Nye the Science Guy sheds light on solar flares, eclipses, sunspots, fusion and solar energy, and visits an enormous solar energy farm outside Sacramento, California, to demonstrate how the sun is the source of energy for all living things on Earth. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher’s guide.

**THE SUN: DVD**: 23 min; Uses state of the art images from solar telescopes such as the Hubble Space Telescope, space probes such as SOHO and Ulysses, and 3D computer animation to illustrate the sun, a 5 billion year old sphere of gas. Learn how the sun’s energy is generated.

**WHAT’S UP IN SPACE?: MARS: DVD**: 12 min; Explores the similarities and differences between Mars and Earth. Recent missions to Mars are discussed. Includes amazing footage from the Mars Pathfinder.

**WHAT’S UP IN SPACE?: PLANETS: DVD**: 12 min: Explores all the planets from blazing hot Mercury, through the rings of Saturn and all the way out to tiny Pluto. The relationship of each planet to the sun is explained.

**WHAT’S UP IN SPACE? STARS: DVD**: 12 min; Answers the questions: How are stars formed, and what are they made of? How far away are the stars we see in the night sky? Includes information about comets and shooting stars.

**TRANSPORTATION**

**DID YOU EVER WONDER: HOW ARE CARS MADE?:** 20 min, grades 3-6: Features a lesson on the international history of the automobile and a “geared-up” tour of the General Motors Oldsmobile Plant in Orion, Michigan.

**HOW ARE TOY TRAINS MADE?:** 20 min, grades 3-6: Features a lesson on transportation history and a tour of Lionel Train Corporation in Chesterfield, Michigan.

**RADICAL ROCKETS & OTHER COOL CRUISING MACHINES DVD**: 92 min (4 lessons): Join Elisha and Jay on a wild ride! You’ll dive down to the deepest part of the ocean; rumble with monster trucks; learn to sail a ship; drive a real race car and blast off into outer space! Includes:

1. **Submarines**: Go 10,000 leagues under the sea to find out all about submarines! Jay & Elisha explore wooden subs, subs that dive to the deepest parts of the ocean- they even find a sub bigger than your house!

2. **Cool Cars**: Buckle up for a spin with some serious wheels! Between monster trucks, taking the wheel of a real race car and even finding a car that drives itself, Jay and Elisha are cruising for adventure.
3. **Boats:** Ahoy there, matey! Don’t jump ship on Elisha & Jay as they take you on a wet and wild adventure! You’ll work for the U.S. Coast Guard, learn to rig sails, sail a boat and navigate the seven seas with some high tech instrumentation— all in a day’s work!

4. **Spaceships:** Ground control to Majors Jay & Elisha! Put on your moon boots and join our fearless leaders as they explore the space program.

**WATER**

- **EXPLORING PONDS & LAKES** (What’s it like Where You Live Series): 23 min, grades 4-8: Take a road trip to Shaw Arboretum, where they investigate a pond. Test for temperature and dissolved oxygen level and collect pond critters for examination. Study the relationship between their data and the life in the pond. Learn about the water cycle and contact a school near the shores of Lake Michigan to find out how a lake is different from a pond.

- **EXPLORING RIVERS & STREAMS** (What’s it like Where You Live Series): 27 min, grades 4-8: Researchers float down the mighty Mississippi River, collecting data on temperature, velocity, and turbidity. Learn how these factors affect the plant and animal life in both rivers and streams. Flowing water is classified into low & high order streams as they research the concepts of a river source, tributary, confluence, delta and mouth are explained. Compare clear stream water with muddy river water.

- **EXPLORING SHORELINES ECOSYSTEMS** (What’s It like Where You Live? Series): 34 min, grades 4-8: Learn what causes tides and waves and how the rivers meet the sea. Investigate rocky shores, sandy shores, estuaries, salt marshes and mud flats. Discover how they are alike and different. Travel to Bald Head Island, a barrier island off the coast of North Carolina and see a big logger head turtle laying eggs in the sand. On location in California find life in tide pools and other rocky shore environments.

- **FLOODS** (Water Series) DVD: 20 min, grades 4-8: Floods are an unexpected natural disaster for some places, while for others; they are a reoccurring way of life. This interesting program takes an in-depth look at two very different places that have been forced to deal with the realities of flooding. Visit Naburn, a small community in the United Kingdom located on a flood plain along the Ouse River. Then travel to the other side of the world to Bangladesh, a country that is a river delta, where monsoons and melting snow from mountains to the north make floods a seasonal occurrence. See how climate and geography play a role in flooding, and learn how floods can be both helpful and harmful to people. Students will also learn how people have adapted their homes and their lives to cope with the awesome power of floods.

- **GREAT LAKES, FRAGILE SEAS:** 59 min, grades 5-12: The largest system of surface fresh water on earth makes up a stunning natural resource and a complex, fragile ecosystem. The lakes became home to an array of plants, animals, and human cultures but over the past 200 years, urban and industrial growth has thrown the region’s ecosystem out of balance. Examine the history and delicate ecology of North America’s vast inland seas, and chronicles and efforts of scientists to pinpoint problems and identify solutions.

- **LAKES & PONDS** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: What do you get when you have a big hole in the ground and some water? Lakes and ponds. All lakes and ponds have one thing in common—they happen when a basin, or hole, forms, and then fills with water. A glacier may grind a long gulch, volcanoes and earthquakes may make a sinkhole, or engineers may build a dam—they can be human or beaver. Rain, melted snow, and groundwater keep lakes and ponds filled up.
• **MAGIC SCHOOL BUS GETS SWAMPED:** DVD & VHS: 30 min, grades 1-3: Topic: Wetlands: The debate is intense: Should Walkerville get rid of the swamp by the river and replace it with a fantastic new shopping mall, or build the mall somewhere else? Carlos, representing his class, is given the thankless task of persuading the town council to keep the smelly old swamp. And if he loses the debate, he loses to...Janet! The kids discover that the swamp is an important habitat and a natural water filter. But the council is not convinced to keep it until...FLOOD!

• **MAGIC SCHOOL BUS ROCKS & ROLLS:** DVD: 30 min, grades 1-3: Topic: Water Erosion: To celebrate the founding of Walkerville, Mrs. Frizzle's class sculpts a stone likeness of Walkerville's founding father, Captain Walker - but the statue tumbles down the mountain. Ms. Frizzle turns the bus into a giant boulder, the kids into rock-kids, and they give chase. By the time they reach the celebration at the base of the mountain, they've been pushed, tossed, sanded, polished, and eroded by water - as has the statue, now the size of the soccer ball. The kids are sure they've let everyone down - until they look back at the mountain for the surprise of their lives!

• **MAGIC SCHOOL BUS WET ALL OVER:** DVD ONLY: 30 min, grades 1-3: Topic: Water: Arnold and Wanda are due to give a report on the town waterworks. But Ms. Frizzle thinks its field trip DRIP time! She turns the bus and class into water drips and the kids evaporate, condense, rain down miles from home, and rush through rivers and streams toward the ocean. After several trips through the water cycle, they're ready to turn back into regular kids. But the magic key that will get them out of the cycle is locked in the school bathroom! The kids go through the town waterworks, and see how water is purified. Can they get to school through the bathroom pipes? Or are they stuck in the water cycle forever?

• **RIVERS & STREAMS** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Get wet with Bill Nye the Science Guy as he follows the flow of rivers and streams. Bill tracks the origins of these bodies of water and shows us what impact they have on our lives. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher's guide.

• **TSUNAMI: THE WAVE THAT SHOOK THE WORLD:** 60 min, grades 5-12: On December 26, 2004, a series of tidal waves killed hundreds of thousands & devastated communities around the Indian Ocean. With around 100 tsunamis striking the world's coastlines each decade, NOVA investigates what made the recent event so powerful and catastrophic. This video presents a clear explanation and analysis of the tragedy, revealing exactly how these deadly waves were triggered by one of the most powerful earthquakes recorded so far this century.

• **WATER CYCLE** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy demonstrates the phases of the water cycle, from evaporation to condensation to precipitation to collection. The program follows Bill as he builds a model of the water cycle by using a tiny staircase, wind-up penguins and a bicycle tire, before hitting the streets to show children easy ways to help protect the Earth's water supply. DVD includes a printable teacher's guide filled with suggestions for extension activities and classroom experiments.

• **WATER’S CYCLE** (Water Series) DVD: 20 min, grades 4-8: See the water cycle in action! From evaporation to condensation to precipitation, water changes form as it circulates. Discover the role of groundwater in the water cycle by going on location to the Peak District, one of the wettest places in the United Kingdom. Then, visit the Ladybower Dam in the United Kingdom and the Hoover Dam in the United States to see how dams are built across rivers to form reservoirs—a important water source for many people. Also, see how water is treated before and after it is used to make it safe for humans and the environment. This fascinating program features helpful diagrams and interesting footage that brings to light the many factors that play a role in water’s cycle.

• **WATER SUPPLY** (Water Series) DVD: 20 min, grades 4-8: Where does the water that we drink come from? This documentary style program explores how people get the clean, fresh water they need – from locating aquifers found below Earth’s surface to constructing huge reservoirs that collect fresh water from melted snow. As water use increases, so do worries that these strategies are encouraged and include everything from xeriscape gardening to watering plants in the evening. Program hosts compare two very different locations – Nevada and Bangladesh. Although both dramatically differ in climate and
geography, they are faced with similar issues about using and maintaining a clean and abundant freshwater supply.

- **WAVES** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy examines all kinds of waves in this episode. Bill explores sound waves, light waves, seismic waves, energy waves and more. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

**WEATHER**

- **ALL ABOUT CLIMATE & SEASONS** (Weather for Children Series): 23 min, grades K-4: Winter, spring, summer and fall. We know what happens in our own back yards at these times during the year, but it isn’t the same everywhere in the world. When it’s warm and sunny where you are, it might be very different at other places in the world. Why do the seasons change? What causes different regions of the world to have different climates?

- **CLIMATE & SEASON** (Weather Fundamental Series): 23 min, grades 4-7: A look at the wide range of climates around the world and how factors like the sun, wind, temperature, precipitation and position of the Earth determine the weather and the impact of the seasons.

- **CLIMATES** (Bill Nye Series): 30 min, grades 4-8: In this live-action, fast-paced program, Bill Nye the Science Guy delivers hot sand from Saudi Arabia and bananas from humid Costa Rica, all to explain how different climates are created and how they affect our planet. Features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun. DVD includes a printable teacher’s guide.

- **CLOUDS** (Weather Fundamental Series): 30 min, grades 4-7: Clouds reveal so much about the weather because they provide an instant visual cue about current conditions and approaching weather systems. Students will learn how clouds form, the different types of clouds & the important role they play in weather and the water cycle.

- **EYEWITNESS WEATHER**: 35 min, grades 2-7: Based on the revolutionary book series. Weather takes you on a whirlwind tour of Earth’s turbulent atmosphere and reveals the forces that make the day fair or foul. From hurricane to heat wave, weather is the most closely watched wild card in nature- yet it still baffles us. Narrated by Martin Sheen.

- **MAGIC SCHOOL BUS MAKES A RAINBOW**: DVD & VHS: 30 min, grades 1-3: Topic: Color: The class finds Ms. Frizzle inside her closet... playing a pinball machine! But it’s no ordinary pinball machine - this game is played with light pulses instead of steel balls, and the goal is to use the pulses to light up the six colors of the rainbow! To help Ms. Frizzle win, the kids shrink and go inside the game. With time and the light pulses running out, the kids must discover the secret of what gives things their color - before the principal, Mr. Ruhle, discovers them inside the pinball machine!

- **STORMS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science guy explains that storms occur when huge masses of air collide, and disaster or not, storms benefit us. The tropical regions of the Earth would be too hot to inhabit -- and the sub polar regions too cold -- if we didn't have hurricanes and typhoons to distribute Earth’s heat so efficiently. And besides, a good storm can sure put on a great show!

- **TELLING THE WEATHER**: 25 min, grades 4-9: It is perhaps the most influential force on Earth, yet there is much that we are still trying to learn about the weather. Students learn what creates weather, how warm and cold fronts form, and what conditions may cause precipitation. Also travel into the eye of a hurricane, witness the devastating power of tornadoes, and see the latest equipment used in forecasting.
• **WEATHER: HOW DO CLOUDS FLOAT?** (Science for You Series): 15 min, grades 3-4: No description available.

• **WEATHER IN THE CLASSROOM:** 11-30 min lessons, grades 4-12: A comprehensive exploration of the how’s, whys and wonders of weather. Each lesson includes three separate 8 minute programs and lasts for 30 minutes.
  1. **Sun, Seasons and the Sky:** The Basics of Weather
  2. **Water: Oceans to Air:** The water cycle explained from humidity to precipitation.
  3. **Air in Motion:** Air Pressure, air masses, fronts, jet stream. They systems that create weather.
  4. **Look up!:** Clouds names and types, sky awareness.
  5. **Thunderstorms:** The weather machine, lightning, thunderstorms, rain, hail. The forces that cause lightning and other severe storms.
  6. **Tornados:** Facts about twisters
  7. **Hurricanes:** Story behind tropical storms.
  8. **Extremes in water Cycle:** Floods, drought and everything in the extreme with water.
  9. **Snow, Ice, Wind & Cold:** Tells everything about winter storms.
  10. **Forecasting:** Then and Now: History of forecasting weather & how meteorologists predict the weather.
  11. **Climate:** A World of Weather: The role of climatology in the weather we experience. What is Climate, global weather patterns, and Project Safeside.

• **WHY IS THE SKY BLUE: ANSWERS TO KIDS QUESTIONS ABOUT WEATHER:** 23 min, grades 3-6:
  Students are guided through a series of over 40 frequently asked questions and their answers about the wonders of weather.

• **WIND** (Bill Nye Series) DVD & VHS: 30 min, grades 4-8: Bill Nye the Science Guy goes parachuting and sailing to show the relationship between the sun, earth, wind and weather. Bill visits a wind farm and windsurfers to show some of the ways to harness the power of the wind. Designed to correlate with National Science Standards. DVD includes a printable teacher’s guide filled with suggestions for extension activities and classroom experiments.

• **WETLANDS**

• **EXPLORING WETLANDS ECOSYSTEMS** (What’s It like Where You Live? Series): 25 min, grades 4-8:
  Learn about the crucial role wetlands play as a stopping place for migrating birds. Discover that wetlands (marshes, swamps, and bogs) are natural water filters. Rendezvous with kids living near the Florida Everglades, paddle through a swamp in southern Missouri and explore a gigantic marsh in Central America. A flight over Alaska surveys bogs from the air.

• **WETLANDS** (Bill Nye Series): 30 min, grades 4-8: Bill Nye the Science Guy sloshes across American wetlands and gets a little bit muddy while he shows students how these swamps, bogs and marshes help control floods, naturally filter water and provide a good home to lots of living things -- especially wildlife. This live-action, fast-paced program also features comedy, music videos, interviews with real scientists and hands-on experiments to make the concepts presented understandable and fun.

• **MISC.**

• **BACKYARD SAFARI SERIES:** 13-30 min lessons, grade 3: This series motivates children to investigate the natural world and to develop positive connections with scientific practice. Lessons include:
  • That’s My Baby
DID YOU EVER WONDER? 12-20 min lessons, grades 3-6: These video tours take children behind the scenes to places you would rarely have the chance to take children in real life. Join the host and kids as they embark on enlightening adventures throughout the United States.

- **How are airplanes made?:** Features a look at the history of flight and a tour of the Cessna Plant in Wichita, Kansas.
- **How are cars made?:** Features a lesson on the international history of the automobile and a “geared-up” tour of the General Motors Oldsmobile Plant in Orion, Michigan.
- **How are chocolate bars made?:** Features a lesson on balanced nutrition, a trip to the cocoa farms of Belize, and a “sweet” tour of Hershey Chocolates in Hershey, Pennsylvania.
- **How are combines and cereal made?:** Features a lesson on how the combine changed the dynamic of farming and a “grrreat” tour of the Kellogg’s Cereal Plant in Battle Creek, Michigan.
- **How are computers made?:** Features a tour of Gateway 2000 Computers in Sioux Falls, South Dakota.
- **How does conservation work?:** Features an in-depth look at the importance of protecting the environment.
- **How are Jelly beans made?:** Features a colorful look at how jelly bean flavors are created with a tour of the Jelly Belly Jelly Bean Plant in San Francisco, California.
- **How is paper made?:** Features a visit to the forest and a first-hand look at a giant Weyerhaeuser paper machine in Longview, Washington.
- **How are pencils & TV shows made?:** Features a tour of the Ticonderoga Pencil Facility in Orlando, Florida, combined with a behind-the-scenes glimpse at the making of the “Did You Ever Wonder?” program.
- **How are steel & washing machines made?:** Features a lesson on the impact of steel on the world’s economy and a tour of the Maytag Washing Machine Plant in Newton, Iowa.
- **How are toy trains made?:** Features a lesson on transportation history and a tour of Lionel Train Corporation in Chesterfield, Michigan.
- **Where does coal & electricity come from?:** Features a lesson on coal mining and a tour of Kansas City Power and Light.

DO-IT-YOURSELF SCIENCE (Bill Nye Series): 30 min, grades 4-8: Do-it-yourself science involves a question, observations, a hypothesis, and experimentation. You have probably come up with questions after you noticed something unusual. For instance, why do fingers get all pruny and wrinkled when I sit in the tub? The observation – shriveled fingertips – is the first step. Do-it-yourself science requires an eye for details surrounding your observations. Collecting related information helps you get to the next step, what scientists call a hypothesis, or “educated” guess. After weighing all the evidence, you hypothesize that your fingers get
pruny because of the hot water in the tub. Once you have a hypothesis, it’s time for the fun part – testing it out.

- **EYEWITNESS SHELL:** 35 min, grades 2-5: Based on the revolutionary book series. Shell travels land and sea to open up an incredible world where creatures forgo speed in exchange for stupendous strength. The shell is one of the most dynamic solutions for survival in nature, and its greatest architectural achievement. Narrated by Martin Sheen.

- **HEADJAM:** 7-22 min lessons, grades 5-9: Science, math and critical thinking skills come to life in this series. These zany, brainy programs explore multidisciplinary skills in a highly entertaining way.
  - **Go Figure:** Math goes to work in the real world where problem solving happens in unlikely places.
  - **The Truth about H₂O:** From the hydraulic cycle to water audits and the micro-organisms, great things happen when students hook up with the environment.
  - **Slinky Science:** Kids see gravity, inertia and centrifugal force from a whole new angle when you combine Slinky with engineering concepts.
  - **Think Smart:** Decision making takes a ride when students see how to analyze situations using science-based skills and strategic thinking.
  - **Crude Energy:** Students receive a backstage pass to the world of petroleum where science and energy come together.
  - **Bird Brained:** The amazing world of our fine-feathered friends proves that birds aren’t just for old folks anymore.
  - **Applied Here:** A scientific look at what questions FBI investigators must try to answer during a criminal investigation.

- **MAGIC SCHOOL BUS CATCHES A WAVE:** DVD ONLY: grades 1-3: Includes “Wet All Over”, “Rocks & Rolls”, and “Ups & Downs”.

- **MAGIC SCHOOL BUS CREEPY CRAWLY FUN:** DVD ONLY: grades 1-3: Includes “Inside the Haunted House”, “Going Batty”, and “Spins A Web”.

- **MAGIC SCHOOL BUS SUPER SPORTS FUN:** DVD ONLY: grades 1-3: Includes “Plays Ball”, “Works Out”, and “Shows & Tells”.

- **SCIENCE IS ELEMENTARY:** 10-15 min, lessons, grades K-2: Each program begins with an exploration section illustrating with a variety of examples. The Concept development section asks students to observe, classify and compare situations as they begin to comprehend the scientific principles. Finally, an application segment systematically demonstrates the concept with varying real world situations. Each program concludes with a connection between the scientific theme and other disciplines or cultures and challenge to solve a “You Try It” problem. This format encourages teachers to use a “Stop-Start” method of showing video to initiate student discussion and activities. Lessons include:
  - Let’s Explore Plants
  - Let’s Explore Animals
  - Let’s Explore Water
  - Let’s Explore Light and Shadows
  - Let’s Explore Sound
  - Let’s Explore Tools and Work
  - Let’s Explore Magnets
  - Let’s Explore Air
  - Let’s Explore Weather and the Seasons
  - Let’s Explore Soil & Rocks
• **SID THE SCIENCE KID DVD**: From the PBS series:
  - **Gizmos and Gadgets** (115 min): Episodes: The Broken Wheel; My Slide; Sid’s Amazing Invention; The Tree House
  - **Feeling Good Inside and Out** (150 min): Episodes: A Brush with Teeth; I Want Cake; The Big Sneeze; Must See TV; Getting a Shot: You Can Do It!
  - **Change Happens** (115 min): My Mushy Banana; My Shrinking Shoes; My Ice Pops; The Perfect Pancake
  - **The Bug Club** (115 min): Hello Doggie; Home Tweet Home; The Dirt on Dirt; Don’t Forget the Leaves
  - **Weather Kid Sid** (115 min): Sid’s Rainy Play Date; Special Sunny Dad Day; Sid’s Holiday Adventure; The Wind Did It
  - **The Ruler of Thumb** (115 min): The Sticker Chart; The Rolie Polie; Enough with the Seashells; The Whale Episode

• **SPLendid STONES**: 59 min, grades 5-12: Fashioned by human hands into artifacts of incredible beauty, precious gems have been coveted, collected, and used as portable wealth for centuries. Examine four of the most alluring gems (diamonds, rubies, emeralds, and pearls). Explore the various ways in which these gems form (deep within the Earth, inside the shells of oysters, and even in laboratories). They travel the globe to see gems being mined, collected, cultured, and grown. They explore the complex world of gem artistry and commerce; form the diamond cutting centers of Israel and India to trading centers in Thailand, New York and London.
SOCIAL STUDIES

AMERICAN HISTORY

- **ALL ABOUT AMERICA**: 37 min, grades K-3: Come explore our country from the history of the Declaration of Independence to the Statue of Liberty and the American Flag. This video teaches that democracy works best when everyone participates.

- **ALL ABOUT THE STATUE OF LIBERTY**: 11 min, grades 2-6: The Statue of Liberty was designed to show the world 100 years of freedom. This video shows how Lady Liberty stands over our country.

- **AMERICA ROCK** (School House Rock Series): 30 min, grades K-5: A unique combination of catchy songs and brilliant animation make the founding of America a lively adventure. Students will remember important facts for years to come.

- **AMERICAN REVOLUTION** (United States History Video Collection Series): 35 Min, grades 5-8. Video includes causes of the American Revolution; England’s imperial policies; resistance leaders; patriots and Loyalists; the shot heard “Round the World”; Declaration of Independence; rights of a man; abolition of slavery in the North; the War of Independence; Treaty of Paris.

- **AS THE WIND ROCKS THE WAGON: AN AMERICAN ODYSSEY**: 52 min, grades 4-6: True stories of the Oregon Trail from the diaries of pioneer women. The moving, new play-on-video that dramatically recreates the experiences of families on the Oregon Trail between 1840 – 1870. The production is based upon eyewitness accounts taken from diaries, letters, and memoirs written by pioneer women. Five characters are brought to life through the one-woman performance of Amy Warner.

- **BUILDING OF THE TRANSCONTINENTAL RAILROAD** (This is America Charlie Brown Series): 24 min, grades 1-4: Get a Peanuts view of history when Charlie Brown tells the story of America’s first transcontinental railroad.

- **CITIZENS RULE! OUR FOUNDING DOCUMENTS**: DVD, 23 min, grades 3-8: This program introduces students to the documents that laid the foundation for our government; the Declaration of Independence and the United States Constitution and the Bill of Rights. Live action reenactments, colorful animated graphics and maps help tell the stories of how the Declaration of Independence and the United States Constitution came to be. The program discusses the people, places and events that led to the development of our country’s founding documents. Students will come to understand the basic concepts of our government. They will learn how these two important documents make things fair, safe and free for all citizens of the United States.

- **CITIZENS RULE! SYMBOLS OF AMERICA**: DVD, 23 min, grades 3-8: Was there really an Uncle Sam? Who wrote the Pledge of Allegiance? Why are the flag’s colors red, white and blue? Children will enjoy exploring answers to these questions and learning about the origins and meaning of our country’s most valued symbols and celebrations. Live-action, animation and colorful graphics help tell the stories in an entertaining and memorable way.

- **CAUSES OF THE CIVIL WAR** (United States History Video Collection Series): 35 min, grades 5-8: Video includes Industrial North; Agricultural South and Cotton Belt; Plantation slavery; Black resistance to slavery; Nat Turner’s Rebellion; Ascent of the Republican Party; Free blacks and the abolition movement; Underground Railroad; Sectional polarization; the Missouri Compromise and the Compromise of 1850; Popular sovereignty; the Dred Scott case; Abraham Lincoln; Secession of southern states.
DEAR AMERICA SERIES: 6-30 min lessons, grades 3-6: A collection of live-action based on Scholastic's award-winning book series inspired by the diaries of real girls.

1. Color Me Dark by Patricia C. McKissack: The Story of Nellie Lee Love, The Great Migration North: Nellie Lee Love moves north with her family to Chicago—the land of opportunity hoping to escape the racism of the rural south. Mamma believes a new start will help Nellie Lee's sister Erma Jean, who stopped speaking after a mysterious but horrifying event only she witnessed. Though life in this northern city is exciting, Nellie Lee sees that racism knows no boundaries. When a group of boys threaten Nellie Lee, Erma Jean finds her voice just in time to fend them off. Through the love of their family, both sisters learn that they possess the strength to triumph.

2. A Journey to the New World: The Story of Remember Patience Whipple: Twelve year old Remember Patience Whipple (Mem for short) arrives in the New World after a grueling 65 day journey on the Mayflower. Mem has an irrepressible spirit, and leaps headfirst into life in her new home. Despite harsh conditions, Mem is fearless. She helps to care for the sick and wants more than anything to meet an Indian. Join Mem as she embarks on a journey of triumph, tragedy and thanksgiving.

3. A Picture of Freedom: The story of Clotee, a Slave girl: Clotee, a twelve year-old slave, is teaching herself to spell a word she's never been able to understand. But no one can find out she can read and write—she could be beaten, sold, or worse. Her friends Spicey and Hince are in love and when the master decides to tear them apart, Clotee knows she must come up with a plan. She risks everything to help her friends and family, and learns that freedom is more than just a word—it's an entire world.

4. So Far from Home: The Story of Mary Driscoll, an Irish Mill Girl: With the potato famine devastating her homeland in Ireland, Mary Driscoll must leave her parents to seek out a better life in America. Mary finds work in a mill, where working conditions are dreadful. Although her friends encourage her to join the new labor union, Mary hesitates to speak out for fear of losing her job. When her dear friend Sean is falsely accused of murder, Mary must decide if she is ready to face her fears and sacrifice everything to save him.

5. The winter of Red Snow: The Revolutionary War Story of Abigail Jane Stewart: When General George Washington’s troops first set up camp near Abigail Stewart’s home; Abby believes war is exciting and glamorous. Abby works at Washington’s headquarters, where she finds a special friend in Martha Washington, the future first lady. But during the long winter Abby sees for herself the hardships of war, as soldiers are starving, wounded or dying. Abby must summon a newfound strength to help the soldiers and their loved ones carry on.

6. Standing in the Light: The Captive Story of Catharine Carey Logan: Caty Logan has always lived a quiet life with her Quaker family. But one day Caty’s world is changed forever. The Lenape Indians, who have been viciously attacked by white settlers, retaliate by kidnapping Caty and her brother. Terrified and angry Caty rejects the Lenape family that tries to raise her as their own. A handsome warrior named Snow Hunter teaches Caty to respect Lenape traditions... and captures her heart. Now caught between two worlds, Caty wonders if she will ever be able to return to her old life.

EARLY SETTLERS (American History for Children Video Series): 25 min, grades K-4: This video includes Pilgrims and the Mayflower; Story of the Mayflower Compact; Squanto and the First Thanksgiving; Life in Colonial Williamsburg; Colonists.

ERA OF COLONIZATION (1585-1763) (United States History Video Collection Series): 35 min, grades 5-8: Video includes European/Native American interaction; Jamestown settlement; Puritan settlements and society; influence of the English and changes in Native American societies; religious diversity & religious freedom; Quakers in Pennsylvania; the struggle for control in North America; the French and Indian War, the impact of colonial wars.
• **EXPANSIONISM** (United States History Video Collection Series): 35 min, grades 5-8: Video includes territorial expansion and the Louisiana Purchase; Lewis & Clark expedition; War of 1812; Native American resistance; Tecumseh and the Trail of Tears; Manifest Destiny; Oregon Trail; Mexican-American War; California Gold Rush.

• **GONE WEST:** 52 min: In 1803, Louisiana is purchased. Lewis and Clark reconnoiter the Pacific, river men, traverse the distant waterways. Expansionist whites force whole Indian nations west of the Mississippi and red/white war is common. Then the Gold Rush hits.

• **IN PURSUIT OF A DREAM:** DVD: 2 disk set, part 1- 41 min, part 2- 48 min, grades 4-5: Two dozen teenagers and three teachers go back in time, dress as the pioneers did, and travel by wagon train on the Oregon Trail from Wyoming to Oregon. Along the way they meet a variety of other people, from topographical engineers mapping the West to gold seekers headed to California, and Indians wanting to trade. The interactions experienced by the thousands of people who crossed the country in the mid 1800’s on these same trails and helped create the nation as we know it today. Comes with a list of vocabulary words, discussion questions, and a list of web sites for more information.

• **INDUSTRIALIZATION & URBANIZATION (1870-1910)** (U.S. History Video Collection Series): 35 min, grades 5-8: Video includes the railroads, the rise of heavy industry and the birth of corporate America; extractive industries; the cattle frontier and the Homestead Act of 1862; mechanized farming and the agricultural revolution; immigration and the migration west; the rise of the industrial cities; pollution and the birth of the conservation movement.

• **JAMESTOWN** (Colonial Life for Children Series): 23 min, grades 3-7: While doing research for a school project on the Jamestown settlement in Virginia, Greg gets zapped into the internet and finds himself at the historic site itself! Colonial interpreters at Jamestown help answer his questions about the English settlers’ difficult ocean crossing, the early days of the colony and the struggles for land, food, water and shelter. Greg finds that many of the men who landed there in 1607 had to learn new skills to survive and that their search for gold and silver in the New World became a lucrative tobacco trade instead. He also visits a Powhatan Indian village and learns about their customs and way of life. Finally the beginnings of a representative government at the colony show Greg that much of the heritage we celebrate today actually began at Jamestown.

• **LEWIS AND CLARK GO WEST:** 28 min, grades 3-8: Travel with Meriwether Lewis and William Clark into the unknown territory west of the Mississippi. Information presented deals with the perils, hardships, discoveries and triumphs of the famous expedition.

• **LEWIS AND CLARK: TOOLS OF SURVIVAL:** 20 min, grades 3-9: This informative program explores the wilderness survival techniques employed by Lewis & Clark’s expedition. Explores 18th century survival tools as well as the group’s interactions with Native Americans.

• **LIBERTY’S KIDS SERIES:** DVD & VHS: 40-30 min lessons, grades 2-5: this series brings to life the American Revolutionary War and the founding of the United States.
  1. **Sybil Ludington:** James learns from the courageous Sybil Ludington that the thought of independence lies not only in the hearts of soldiers and determined young men, but also in the hearts of determined young women. Sarah travels to Philadelphia with General Benedict Arnold and witnesses his passion for attaining a higher office in the army.
  2. **Hessians are Coming:** James witnesses the American victory at Saratoga from a unique point of view when he spends it lashed to a Hessian soldier. Sarah sees Benedict Arnold’s heroics in the battle—and his anger at not receiving proper recognition afterward.
3. **Valley Forge**: When General Washington and his men endure a terrible winter at Valley Forge, James and Sarah see the hardships suffered by common foot soldiers. Lafayette helps foil a plot to overthrow Washington as commander.

4. **Allies at Last**: James learns about religious freedom from Moses Michael Hayes while Sarah and Henri are in occupied Philadelphia. In Paris, Benjamin Franklin finally succeeds in getting a commitment from the French to fight on the American side.

5. **Shot Heard Round the World**: James, observing on the Minutemen—citizens taking up arms to fight the British Redcoats—and Sarah, falling in with the British forces, report from both sides on the “shot heard round the world” at Concord Bridge.

6. **Green Mountain Boys**: James heads to the Grants to cover the story of the settlers’ struggle; Sarah goes hoping to find a place in the Green Mountains for her family to settle; and Henri just wants to find maple syrup. Sarah and James witness the capture of the fort, and Sarah befriends Benedict Arnold, whom she instantly respects.

7. **Second Continental Congress**: Desperate for information on what Congress is doing behind the closed doors of The Statehouse, James unknowingly befriends a British spy. Sarah and Moses meet George Washington and together use “Yankee ingenuity” to fix Washington’s broken carriage.

8. **Bunker Hill**: With little ammunition, the Americans are ordered “Don’t shoot until you see the whites of their eyes” in the first major battle of the war. Sarah searches for a British officer who may know her father’s whereabouts. James, with Dr. Joseph Warren, witnesses the battle and learns firsthand the high price of freedom. Henri makes mischief as a messenger between the battle lines.

9. **Postmaster General Franklin**: When the Philadelphia patriots find out that some of their mail isn’t being delivered to the right people by the British-controlled postal service, James and Sarah volunteer to carry important letters to New York. Ben Franklin becomes the colonies’ Postmaster General on July 26, 1775.

10. **Washington Takes Command**: Sarah, James and Henri accompany George Washington to Boston, where he takes command of the American Army and the city’s defense. Later, James goes with Henry Knox to Fort Ticonderoga to bring back cannons that will help the rebels drive the British out of Boston.

11. **Common Sense**: James, Sarah and Henri meet Thomas Paine and learn of his belief that the common man can rule himself. The kids also hear Paine’s stand favoring full independence from England. James is particularly impressed and realizes that his work on the paper is as important as that of the soldiers firing guns.

12. **First Fourth of July**: The Second Continental Congress meets in Philadelphia and finally passes a motion calling for the colonies to be independent from Great Britain. Thomas Jefferson drafts the written Declaration, while Sarah teaches James the “power of words”.

13. **New York, New York**: Sarah does a report on the loyalist’s opinion on the revolution in New York and James escapes to Manhattan with the Continental Army. Meanwhile, a soldier from Connecticut, Udney Wolfe-Hutchinson, seems to have a bit of a crush on Sarah.

14. **The Turtle**: The kids think they’ve spotted a sea monster in New York harbor, but it turns out to be a new submersible craft invented by David Bushnell. James talks his way onto the first mission for the new submarine, which fails in its attempt to sink a ship but does do damage that weakens the British blockade of the harbor.

15. **One Life to Lose**: After a conference fails to bring the two sides any closer to peace, American spy Nathan Hale is caught and hanged by the British. Having met Hale earlier, James and Sarah are determined to have everyone hear his inspiring last words.

16. **Captain Molly**: With General Washington losing battle after battle, James’ confidence wavers. He and Sarah go to Washington’s camp to report from the front lines. However, because she is a girl, Sarah is sent to Fort Tryon with the other women and children. There she befriends Molly, a spunky patriot
whose husband was killed fighting the British. But then James finds out that the British are going to attack Fort Tryon! Meanwhile, back in Philadelphia, Moses starts teaching Henri how to read.

17. **American Crisis**: Battlefield setbacks, the questioning of George Washington’s leadership from his own generals, and the flight of Congress from Philadelphia to Baltimore prompt Thomas Paine to write that “These are the times that try men’s souls.” The kids wonder whether the revolution is about to go down in defeat.

18. **Across the Delaware**: James knows a secret about a captured spy named John Honeyman, but he can’t tell anyone—not even Sarah. Using the element of surprise, General Washington gets two much-needed victories at Trenton and Princeton.

19. **An American in Paris**: Trying to show Abigail Adams’ children that the new smallpox inoculation is safe, Sarah herself has a bad reaction and contacts a serious case of the disease. Benjamin Franklin settles in as America’s Ambassador to France, while James accompanies Alexander Hamilton to his new assignment as a member of George Washington’s staff at Morristown.

20. **Lafayette arrives**: The Marquis de Lafayette, strongly sympathetic to the American cause, arrives in Philadelphia seeking a commission from the Continental Congress, insisting that his motivation is fighting for liberty, not glory. Lafayette is granted a commission and joins Washington and the Americans in the field of battle.

21. **Honor & Compromise**: Only available on VHS: Henri befriends Wappinger Indian Abraham Nimham, who tutors the boy on the finer points of capturing turkeys for their feathers. Sarah and Moses visit Congress in York, Pennsylvania, and witness the debate over the Articles of Confederation.

22. **The New Frontier**: Sarah decides to go off into the wild Ohio frontier to find her father. While she’s there, some friendly Native Americans offer assistance. An English friend of the tribe comes to help, and Sarah gets a very wonderful surprise—and makes a sad decision. Meanwhile, James and every other poor person is having trouble with the rich overcharging them.

23. **Not Yet Begun to Fight**: Sarah’s ship is wrecked on its way to England, and its passengers are rescued by American Naval Commander John Paul Jones. Off the coast of England, Jones and the crew of the outgunned Bonhomme Richard win a crucial battle against the British ship Serapis.

24. **The Great Galvez**: Sarah is in London with her mother and is having doubts about belonging there. In the end, she finally decides she is an American. Meanwhile, James and Henri are traveling a long way to give a letter to Galvez, but come across some British soldiers. Will they stop them and find the letter?

25. **In Praise of Ben**: Sarah returns to Philadelphia and is reunited with Moses, James and Henri. Henri gets into a scrape with a Tory boy when the Tory makes disparaging comments about Ben Franklin. Sarah, James and Moses tell the boys about Franklin’s discoveries, inventions, writings and other accomplishments that have made him one of the world’s greatest men.

26. **Bostonians**: Sarah and Henri join the Adams family in Massachusetts just as John and his son, John Quincy return from France and are reunited with Abigail. John is asked to write the Massachusetts Constitution. James travels to New York, where he meets Joseph Brant, a chief of the Iroquois Confederacy, and learns firsthand about atrocities committed by Iroquois and American alike.

27. **Boston Tea Party**: At the direction of their employer Benjamin Franklin, Moses, James and Henri travel to Boston in search of Sarah, who has just arrived on a tea-laden ship from England. When they get to the harbor, however, they happen upon a group of colonists disguised as Native Americans and discover they are raiding the very ship Sarah is on.

28. **Intolerable Acts**: In response to the Boston Tea Party, the British occupy Boston. Moses, James, Sarah and Henri hide at poet Phillis Wheatley’s house, where some of His Majesty’s soldiers are being quartered, and Sarah is confronted with the horror of slavery for the first time.
29. **United We Stand**: Moses lets James report on Congress, and after a British sailor is “tarred and feathered” James learns about the ugliness of mob rule, when emotions get in the way of compassion. Sarah and Henri meet Abigail Adams and travel with her to bring supplies and pamphlets to the occupied city of Boston.

30. **Liberty or Death!**: James, Sarah, Henri and Moses travel to Virginia, where they witness Patrick Henry’s speech. Moses is shocked to find his brother, Cato, on the slave auction block and risks his own freedom to rescue him.

31. **Midnight Ride**: Sarah and James travel to Boston to deliver a message to patriot leader Dr. Joseph Warren and ride with the famous messengers Paul Revere and William Dawes as they spread the word that “the British are coming!”

32. **Benedict Arnold**: James, Sarah and Henri are present when Benedict Arnold tries to hand West Point over to the British. Arnold’s plot is uncovered, however, when his accomplice Major Andre is captured. Sarah, especially, is upset by her former friend’s treason.

33. **Conflict in the South**: James and Henri follow General Nathaniel Greene’s campaign as he tries to win the hearts and minds of the Southern populace by leading Cornwallis on a six-month chase that exhausts the British troops. Cornwallis moves into Virginia, where Governor Thomas Jefferson is forced by Benedict Arnold to abandon the Governor’s residence in Richmond.

34. **Deborah Samson - Soldier of the Revolution**: Sarah meets the courageous Deborah Samson, who masquerades as a man so she can fight with the Continental Army. James and Henri witness a disagreement between Washington and French General Rochambeau on whether to try to retake New York or move south against Cornwallis.

35. **James Armistead**: Sarah and Henri go from camp to camp with Lafayette as he jousts with Cornwallis, and then worry over the fate of James Armistead, a Virginia slave spying on Benedict Arnold. Meanwhile, James follows Washington and Henry Knox, and Moses learns of his brother’s slavery by Cornwallis’ forces.

36. **Yorktown**: Moses’ brother, Cato, a soldier on the British side, is sent into harm’s way by Cornwallis and is aided by a sympathetic Hessian soldier. Sarah, James and Henri witness the long siege and victory for the Americans, but Washington is not yet convinced the war is over.

37. **Born Free & Equal**: Sarah, staying with Abigail Adams in Boston, is thrilled to see Mum Bett freed and resolves to fight for civil rights. In France, Ben Franklin hopes that news of Yorktown will convince King George to surrender to his former colonies. James finds himself in a tight spot as he digs deeper for the whole story.

38. **The Man Who Wouldn’t be King**: In Newburgh, New York, some members of Washington’s officer corps want him to become King, but Washington puts down the revolt. James tells Sarah and Henri the story of the attempted military coup, and the three kids journey to Maryland to see Washington offer his resignation to Congress.


40. **We the People**: Delegates from each state meet once again in Philadelphia to draft a radical new Constitution. Moses resolves to open a school for free black children. Sarah’s father joins the family from Ohio, and everyone looks forward to their new lives in the United States of America.

- **MAGIC SCHOOL BUS SHOWS & TELLS: DVD ONLY**: 30 min, grades 1-3: Topic: Archaeology; Arnold brings in a webbed hoop for the International Show-and-Tell Competition, left behind by his great-aunt, a
famous archaeologist, but he has no idea what it is! Can the kids find out what it is before he takes the stage?

- **MARCH ON! THE DAY MY BROTHER MARTIN CHANGED THE WORLD:** DVD, 69 min: Martin Luther King Jr.’s sister travels back to 1963 to present a personal, stirring account of the remarkable day when Dr. King delivered his “I Have a Dream” speech. DVD also includes: **ROSA:** On December 1, 1955, Rosa Parks boarded a Montgomery, Alabama bus and refused to give up her seat to a white man, an act that ignited a revolution and changed history. **MARTIN’S BIG WORDS:** Featuring quotes from some of his beloved speeches, Dr. Martin Luther King Jr. comes to life in this profound and important biography about beliefs and dreams and following one’s heart. **HENRY’S FREEDOM BOX: A TRUE STORY FROM THE UNDERGROUND RAILROAD:** The powerful true story of a young slave who mails himself to freedom.

- **MAYFLOWER EXPLORERS** (This is America Charlie Brown Series): 24 min, grades 1-4: After sixty-five grueling, sea-tossed days, the Pilgrims are in view of America’s shores—and Charlie Brown and the crew are with them.

- **MOST HONORABLE SON:** DVD: 60 min: After the Pearl Harbor attack, a Nebraska farmer named Ben Kuroki volunteered for the U.S. Army Air Corps. He would become the first Japanese-American war hero, surviving 58 missions as an aerial gunner over Europe, North Africa and Japan. Between his tours of duty he would find himself at the center of controversy—a lone spokesman against the racism faced by the thousands of Japanese Americans sent to internment camps. Through interviews and rare, never-before-seen film, Most Honorable Son tells of one man’s remarkable journey through World War II, while providing context to two seemingly disparate histories—the U.S. air war and the Japanese-American experience.

- **THE OREGON TRAIL:** 32 min, grades 4-8: The hauntingly beautiful landscape…the elation and dissent...all come to life in this detailed account of America’s longest and most famous trail.

- **ORPHAN TRAIN:** 60 min. A kindly "woman of means" takes a group of orphans out of the New York City Children's Rescue Mission, and travels with them to the Wild West, where they are to begin new lives.

- **PEARL HARBOR AND WORLD WAR II:** DVD, 10 min; Presents a reenactment of the peaceful life on Oaha as Japanese planes wing toward it. Footage of the attack is mixed with chilling details, such as the sounds of trapped men inside the sunken Arizona that were being heard a week later.

- **THE PILGRIMS OF THE PLIMOTH:** 26 min, grades K-4: The arrival of the pilgrims in the New World is chronicled in this dramatic re-enactment of their daily activities during those first trying years in the colony they called Plimoth.

- **PIONEER LIFE FOR CHILDREN SERIES:** 3- 23 min lessons, grades 2-4: Climb aboard your prairie schooner, and get ready to experience America in the 1700’s and 1800’s. Through enactments, journal entries and historic imagery, this series showcases the life and history of American pioneers. Journey with the pioneers on the Oregon Trail, learn about their daily life and the early settlements in the West and discover why the pioneer’s courage and determination are considered the backbone of American spirit
  1. Daily Pioneer Life (DVD & VHS available)
  2. Pioneer Journey Westward (VHS only)
  3. Westward Expansion in the U.S. (VHS only)

- **PLIMOTH PLANTATION** (Colonial Life for Children Series): 23 min, grades 3-7: Tracy and Greg, wondering what life for the Pilgrims was really like, blast back in time to the original Plimouth Plantation of 1620, the first colonial settlement in southern New England. Follow along as they learn about daily life and culture, the roles of the Pilgrim men and women, the voyage of the Mayflower and the importance of the Mayflower Compact. They begin to understand that thanksgiving for the Pilgrims was a daily practice, not just a feast held once a
year. A Wampanoag Indian woman also teaches the kids about the food, shelter and customs of the region’s Native American people.


- **THE PONY EXPRESS**: 16 min, grades 4-8: Glossed over by all the adventure-romance attached to it, most people don’t realize that the Pony Express lasted only nineteen months. It was a grand gamble that eventually led to bankruptcy of the three men who started it. Yet, during its brief life span, it caught the fancy of the people, made a legend of the riders and provided a vital link between California and the Northern States at the onset of the Civil War.

- **RECONSTRUCTION & SEGREGATION (1865-1910)** (United States History Video Collection Series): 35 min, grades 5-8: Video includes Assassination of Lincoln; Congressional Reconstruction; the Reconstruction Amendments; the Freedman’s bureau; Republican rule; the rise of the Ku Klux Klan; racial caste system and segregation; sharecropping; Jim Crow laws; “Separate but equal”.

- **ROAD TO REVOLUTION: HISTORIC BOSTON**: 26 min, grades 3-8: This video focuses on the role that the colonial city of Boston played in the colonies’ struggle for independence from England. Information presented is interspersed with clips by someone portraying Paul Revere, who adds details about life in the city in mid-1700’s, unrest of the colonists over unfair policies of British rule and other aspects of events that led to the American Revolution.

- **THE SCRAMBLED STATES OF AMERICA** (Scholastic Video Collection Series): 34 min, grades K-4: VHS & DVD: All 50 states go to a party. At the party, they decide to switch places so they can see a new part of America. What will happen when all the states are scrambled? Also includes: This Land is Your Land: America’s favorite folk song sung by Arlo Guthrie takes you across our great country and show how this land was made for you and me; The Star-Spangled Banner: Featuring Aretha Franklin’s soulful, heartfelt voice, our flag’s broad stripes and bright stars shine in the moving rendition of our national anthem.

- **SETTLING THE NEW WORLD** (Colonial Life for Children Series): 23 min, grades 3-7: Rich in the history of the early settlers, this intriguing program highlights key aspects of colonial settlement in the New World. Young viewers will learn about the motivations behind early European exploration and settlement by the English, Spanish, French and Dutch. Some came for riches, some for land and others for religious freedom. They found a land very different from their own, inhabited by Native Americans with whom they developed relationships- sometimes peaceful, often not. The program presents a brief portrait of daily life in the settlements while describing the important contributions each group brought to the development of the new American society.

- **SHH! WE’RE WRITING THE CONSTITUTION**: 31 min, grades 3-6. Meet the delegates at the 1787 summer convention in Philadelphia- Benjamin Franklin, George Washington, James Madison and many others who traveled there to draft a plan that would unify the states while preserving their sovereignty.

- **SIX REVOLUTIONARY WAR FIGURES**: 31 min, grades 3-6: Illustrated with pictures from six of Jean Fritz’s popular biographies for young readers, this production weaves together the lives of Ben Franklin, Patrick Henry, Sam Adams, Paul Revere, John Hancock and King George and describes their important roles towards the formation of the United States as a nation.

- **THE STATUE OF LIBERTY**: 24 min, grades 2-6: Statue of Liberty is an American icon: a 305 foot symbol of freedom to all who see her. In this informative video for kids, we’ll follow the Statue of Liberty from its creation in France, her reformation in 1986, to what it means to us today. You will also learn about the men who created her; technologies used to manufacture ship and erect the statue in New York Harbor; how the statue grew to represent the American dream to millions of immigrants.
• **THE STORY OF THE NATIONAL ANTHEM:** 21 min, grades 3-6: Learn how one person’s feelings became a musical symbol of democracy. Listen as children describe instances they hear the national anthem, how it feels to sing it with others, and how difficult it is to hit the high notes.

• **ST AUGUSTINE** (Colonial Life for Children Series): 23 min, grades 3-7: On vacation with her parents, Tracy takes a journey through St. Augustine, Florida, the oldest permanent European settlement in America, founded by Spanish explorers in 1565. On a visit to Castillo de San Marcos, the fort built to protect the city and the Spanish galleons, Tracy encounters colonial interpreters who tell her tales of the struggles between Spain, France and England over land and treasure in the New World. During a tour of the Spanish Quarter, Tracy learns about the daily life and customs of the Spanish settlers—how they cooked their food, traded for goods and kept their homes—as well as the lives of slaves in the colony and the history of the Timucuan Indians, the people who lived in the region before the Spanish arrived.

• **SWEET LAND OF LIBERTY:** 30 min, grades 3-12: A photographic spectacular saluting the Statue of Liberty. See her at birth when originally constructed in 1886 and in all her glory at the 100th birthday celebration. View the tall ships’ arrival; relive the excitement of our country’s Fourth of July celebration with highlights of the laser light show, fireworks displays, sporting events, and opening and closing ceremonies.

• **THIS IS OUR COUNTRY:** 24 min, grade 2: Students learn about our country’s flag and anthem, and they tour our nation’s capital, Washington D.C. They also learn that America is divided into 50 states and that each state has its own capital, flag, bird, and flower. Holidays are introduced and students learn why they are important to most Americans. Finally, students view and learn about some of the great natural and man-made landmarks in America.

• **UNITED STATES CONSTITUTION** (American History for Children Series): 25 min, grades K-4: Video includes story of the Constitution; Biography of George Washington; Great Seal of the U.S.; Biography of Benjamin Franklin.

• **U.S. SONGS AND POEMS** (American History for Children Video Series): 25 min, grades K-4: Video includes Star Spangled Banner; America the Beautiful; My Country ’tis of Thee; Yankee Doodle; John Henry; Pledge of Allegiance: Hiawatha.

• **U.S. SYMBOLS:** 17 min, grades 1-5: Symbols of our country help us honor our heritage and think of the U.S. as a country of hope, freedom, and friendship. Learn about the history of our country’s symbols and what they mean to Americans. Includes the Statue of Liberty, Liberty Bell, Bald Eagle, American Flag and the Pledge of Allegiance.

• **WHO’S THAT STEPPING ON PLYMOUTH ROCK?** 23 min, grades 3-6: The First Comers, or Pilgrims, didn’t carve their initials on the big rock, the first place they stepped when the Mayflower came ashore in Plymouth, Massachusetts in 1620. In fact, no one even made a record of their landing there at all. Since rocks can’t talk, we must depend on creative historians like Jean Fritz to tell us all about the unique story of Plymouth Rock.

**BIOGRAPHIES**

• **ABE LINCOLN AND ME: DVD,** 9 min, grades Pre- K-3: A young boy finds inspiration in the life and legacy of Abraham Lincoln in this presentation of the book by Louise Borden and Ted Lewin. After discovering he shares a birthday with former President Abraham Lincoln, a young boy heads to the library to research Lincoln’s life. As he learns more about Lincoln’s life, including his humble origins and legendary compassion, the boy begins to appreciate the possibilities in his own future.
• **ALEXANDER GRAHAM BELL** (Animated Hero Classics Series): 30 min, grades 1-4: Discover how compassion and determination can lead to world-changing inventions as Alexander Graham Bell and his partner Thomas Watson turn a project that could merely improve the telegraph system into one that leads to the dream of the telephone.

• **AND THEN WHAT HAPPENED PAUL REVERE?:** 24 min, grades 2-6: Paul Revere comes to life in this meticulously detailed story of what he did before, between and after his patriotic adventures. Narrated by Rex Robbins. Music by Jeff Loeb.

• **BEN AND ME: DVD & VHS,** 21 min, grades K-6: Disney presents this animated tale based upon the book by Robert Lawson. A poor church mouse witnesses important events in American history through his friendship with Ben Franklin.

• **BENJAMIN FRANKLIN** (Animated Hero Classics Series): 30 min, grades 1-7: Through this video you can join Ben Franklin as he rewrites history through his curiosity and experiments with electricity.

• **BRITTANY MEETS HARRIET TUBMAN:** 56 min, grades pre-K-4: Travel the Underground Railroad with Harriet Tubman on one of her many long and dangerous trips to lead slaves to freedom. Let Brittany introduce your child to the fun of learning. Brittany meets Harriet Tubman, the famous rescuer of slaves, in a magical dream. Through this she participates in one of the bravest individual moments in Africa-American history.

• **CHRISTOPHER COLUMBUS** (Animated Hero Classics Series): 30 min, grades 3-7: While the whole world sailed east on a path to find China, Columbus believed it could be reached in two weeks...by sailing west! After years of perseverant searching for support, Columbus finally found a sympathetic ear with Queen Isabella of Spain. However, when three weeks at sea produced no sight of land, Columbus’ crew threatened to mutiny. At the moment of turning back to face a life of shame, land was found and the New World was discovered. Columbus’ dream had come true!

• **CRAZY HORSE: DYNAMITE & DREAMS:** 53 min; Digitally mastered for DVD, this is the inspirational theater film shown at Crazy Horse—sculptor Korczak Ziołkowski’s vision and dream to create the world’s largest sculpture, dedicated to the Native American. Korczak discusses his colorful life and work, including why he accepted the Indians’ invitation and dedicated his life to carving Crazy Horse. Historic photography lets you witness the stages of carving Crazy Horse. Meet the sculptor’s wife, Ruth, and members of their large family and hear them explain how they are continuing Korczak’s dream. This DVD also contains special bonus features, including an extensive guided tour of the memorial’s fascinating visitor complex. Other special features include an inspirational music video, reflections from Korczak, a Crazy Horse quiz, iPod/iPhone feature and more.

• **DANIEL BOONE AND THE WILDERNESS ROAD:** DVD, 20 min, grades 3-8: Examines Boone’s life and his role in the U.S. Westward Expansion.

• **GENERAL GEORGE WASHINGTON** (Animated Hero Classics): 30 min, grades 3-7: George Washington comes alive in this animated video about the general’s extraordinary military exploits. Retracing his steps from “The Shot Heard ‘Round the World” at Lexington to the dark days of Valley Forge and on to a new nation and final peace in 1783. This inspiring tale shows Washington at his best—courageous, determined, humble, brave, and patriotic.

• **GEORGE WASHINGTON CARVER:** 23 min, grades 4-8: This video gives students a close-up look at this fascinating teacher, scientist and inventor whose agricultural innovations improved the health, lives and fortunes of so many people.
- **GEORGE WASHINGTON'S MOTHER**: 20 min, grades K-5: This is the true story of Mary Washington. When she wasn’t worrying about being poor, she was poking her nose in George’s business, baking gingerbread, and smoking a pipe. Jean Fritz paints a witty picture of our first President’s mother.

- **GREAT NATIVE AMERICAN LEADERS SERIES**: 4-15 min lessons, grades 3-8: Four of America’s last great Indian leaders, from some of the most famous Native American tribes, are portrayed here by historic photographs, and graphics, dramatic reenactments, maps, haunting music, and their own words.
  1. Chief Joseph and the Nez Perce Indians
  2. Crazy Horse and the Lakota Sioux Indians
  3. Geronimo and the Apache Indians
  4. Quanah Parker and the Comanche Indians

- **HARRIET TUBMAN** (Animated Hero Classics Series): 30 min, grades 1-4: “Moses of her people” is how Harriet Tubman is still remembered today. From 1849-1860, in 17 missions to the Confederate South, she helped more than 300 slaves escape to freedom in the North. After coming face to face with the most famous “Conductor” on the Underground Railroad, you’ll understand why she became one of America’s greatest heroes.

- **JUST A FEW WORDS, MR LINCOLN**: 18 min, grades K-6: Abraham Lincoln was a busy man. He had to run the country, win the war and look after his family. When he was asked to honor the soldiers who died in the great battle of Gettysburg, President Lincoln made time to say a few words about them too. With sensitivity and wit, Rex Robbins narrates Jean Fritz’s story about one of the most famous (and shortest) speeches in American History, the Gettysburg Address.

- **MARCO POLO** (Animated Hero Classics Series): 30 min, grades 1-4: Marco Polo intrigued audiences with his tales of magnificent palaces filled with precious stones, rivers filled with gold and “men with tails” who threw nuts as big as a man’s head. People were sure this visionary could tell amazing stories and were equally certain he had never visited these wondrous places he described. Yet, he had, almost 200 years before Christopher Columbus ever set sail for the New World. This video captures the greatest highlights of Marco’s astonishing adventures.

- **MARTIN LUTHER KING JR.** : 15 min, grade 5: Realizing the injustices against blacks in the South, King became a minister and daily preached against them. He was a leader in the Montgomery bus boycott and the Great March on Washington which influenced President Kennedy to propose a new civil rights bill in Congress. Specify Truly American Series when ordering as there are multiple videos with the same title.

- **MARTIN LUTHER KING JR.**:30 min, grades 5-12: Moving interviews with civil rights leaders Andrew Young and James Farmer detail the inspirational life of Martin Luther King Jr. Specify Black American of Achievement Video Collections when ordering as there are multiple videos with the same name.

- **MOST HONORABLE SON**: dvd: 60 min: After the Pearl Harbor attack, a Nebraska farmer named Ben Kuroki volunteered for the U.S. Army Air Corps. He would become the first Japanese-American war hero, surviving 58 missions as an aerial gunner over Europe, North Africa and Japan. Between his tours of duty he would find himself at the center of controversy—a lone spokesman against the racism faced by the thousands of Japanese Americans sent to internment camps. Through interviews and rare, never-before-seen film, Most Honorable Son tells of one man’s remarkable journey through World War II, while providing context to two seemingly disparate histories—the U.S. air war and the Japanese-American experience.

- **OUR FOUNDING FATHERS**: dvd, 24 min, grades 2-6: America was founded upon the basic principles of “Life, Liberty and the Pursuit of Happiness”. The men who instilled these principles over 200 ears ago are known as our founding fathers. This informative video for kids examines their extraordinary lives.
• **POCAHONTAS** (Animated Hero Classics Series): 30 min, grades 2-4: Except for the raw courage of a Native American peacemaker named Pocahontas, the English settlers at Jamestown in the early seventeenth century soon would have died from starvation and exposure. Her brave intervention both saved the settlers’ lives and brought peace between two very different people.

• **PORTRAITS: THE AMERICANS SERIES**: 12-15 min lessons, grades 4-8: These historical biographies present Americans who have made a difference to their communities, the nation and the world. Designed to instill good reporting skills as well as educate, programs introduce entire units of study, unlocking students’ curiosity about such topics as the American Revolution, westward expansion, natural history and conservation.
  1. Benjamin Franklin
  2. Deborah Samson
  3. Benjamin Banneker
  4. Benedict Arnold
  5. John James Audubon
  6. Elizabeth Blackwell
  7. Buffalo Bill
  8. Annie Oakley
  9. John Muir
  10. Nellie Bly
  11. Jim Thorpe
  12. Mary McLeod Bethune

• **PRESIDENT ABRAHAM LINCOLN** (Animated Hero Classics Series): 30 min, grades 1-7: This video traces the career of the 16th president. From Civil War to his final trip back to Springfield, Illinois after his assassination. Emancipation of the slaves is highlighted.

• **PRESIDENT REAGAN’S VISIT TO NORTH PLATTE 1987**: 50 min, grades 4-12. No description available.

• **REVOLUTIONARY WAR HEROES** (Great Americans for Children Series): 23 min, grades K-4: This video focuses on the daring acts of patriotism from people such as Nathan Hale and Sybil Ludington and the brave military feats of Colonel Francis Marion, Captain John Paul Jones and Molly Pitcher.

• **ROSA PARKS AND THE CIVIL RIGHTS MOVEMENT**: DVD, 24 min, grades 3-7: This live-action program explores Parks’ life and looks at how her single act of civil disobedience changed the course of history. Features dramatic reenactments and archival photographs.

• **SACAGAWEA** (Great Americans for Children series): 23 min, grades K-4: Discover Sacagawea, the young woman who joined America’s legendary explorers Lewis & Clark on a world famous expedition through the American West.

• **SHORT LIFE OF ANNE FRANK**: 30 min, grades 5-12: This compelling program provides an in-depth look at the life of Anne Frank. Diary excerpts and vivid archival footage provide a moving study of her life, from her early years as a carefree child in Germany to the time she spent hidden in the Secret Annex during the Nazi occupation of Amsterdam to her final tragic months at Bergen-Belsen.

• **SIX REVOLUTIONARY WAR FIGURES**: 31 min, grades 3-6: Illustrated with pictures from six of Jean Fritz’s popular biographies for young readers, this production weaves together the lives of Ben Franklin, Patrick Henry, Sam Adams, Paul Revere, John Hancock and King George and describes their important roles towards the formation of the United States as a nation.
SONG OF THE PLAINS: THE STORY OF MARI SANDOZ: 60 min: Mari Sandoz wrote more than twenty books on the lore of the American land that stretches from the Mississippi to the Rockies. The Indians and the Cavalry, the cattlemen and the homesteaders, the trappers and the oilmen and others who conquered the land are highlighted.

SQUANTO AND THE FIRST THANKSGIVING: DVD: After being captured from his beloved Pawtuxet tribe, Squanto is taken to Spain where he is sold into slavery. Years later, Squanto regains his freedom and embarks on a miraculous journey back to his homeland, where he teaches the pilgrims how to survive the difficult early years in the Plymouth colony, culminating in the first Thanksgiving celebration.

THOMAS EDISON AND THE ELECTRIC LIGHT (Animated Hero Classics Series): 30 min, grades 1-4: This fast-paced, birds’ eye view of Edison’s legendary persistence takes you behind the scenes to reveal the hard work and sheer excitement of daily discoveries with “the Wizard of Menlo Park”.

WHAT’S THE BIG IDEA BEN FRANKLIN?: 39 min, grades 3-5. This is a humorous and factual account of the personality and accomplishments of Benjamin Franklin. Children will marvel at Franklin’s insatiable curiosity and numerous interests. While acknowledging Franklin’s many idiosyncrasies, Jean Fritz also recognizes his important contributions to literature, science, and government. A very full life can be had if one has the courage to explore, experiment and preserve like Ben Franklin did!

WHERE DO YOU THINK YOU’RE GOING CHRISTOPHER COLUMBUS?: 35 min, grades 1-6: Author Jean Fritz depicts Christopher Columbus as the man who sailed the seas to “learn the secrets of the world”. This story outlines Columbus’s trip from Spain to find a route to the “indies”.

WILLIAM BRADFORD: THE FIRST THANKSGIVING (Animated Hero Classics Series): 30 min, grades 3-7: William Bradford sought to worship God according to his own conscience, but found it impossible with the church and government as the same entity. He fled with the Pilgrims to the New World, where he discovered that the price of religious freedom was hunger, sickness and death. As a peacemaker, he befriended the Indians. In return for his friendship they taught the struggling Pilgrims how to survive. After the first critical harvest, he set aside a time for the Pilgrims and their new Indian friends to feast together and express their thanks to God for preserving them. Thus the first Thanksgiving Day.

WRIGHT BROTHERS (Animated Hero Classics): 30 min, grades 1-4: This is the thrilling story of how two American bicycle repairmen ignored the scoffers and risked everything, including their very lives, as they preserved to realize their vision of becoming the first to manage powered flight.

WRIGHT BROTHERS AT KITTY HAWK (This is America Charlie Brown Series): 24 min, grades 1-4: You’ll see it happen when the Wright Brothers send their primitive airplane aloft at Kitty Hawk, North Carolina in 1903.

CITIZENSHIP

AMERICAN CITIZENSHIP (American Government for Children Series): 23 min, grades K-4: Learn the ins and outs of what a citizen is, find out what it takes to be a good one, and discover the rights and responsibilities all Americans have.

BECOMING AN ACTIVE CITIZEN: Part of the My America: Building a Democracy Series includes a teacher’s guide. 17 min, grades 3-6: Being a good citizen means being an active, caring citizen. Children define who citizens are and what citizens do in a democratic country.
• **CITIZENSHIP IN THE COMMUNITY**: 18 min, grades K-3: Students learn what a citizen is and find out what it takes to be a good one. They will also get tips on how they can get involved as good citizens at home and in their community, and they will explore one of the most valued rights of an American citizen - the right to vote.

**COMMUNITIES**

• **ALL ABOUT NEIGHBORHOODS**: 12 min, grades K-3: Defines a neighborhood, describing different kinds, explains the difference between a neighborhood, a suburb and a community; and discusses transportation, maps, and the importance of community rules.

• **CITIZENSHIP IN THE COMMUNITY**: 18 min, grades K-3: Students learn what a citizen is and find out what it takes to be a good one. They will also get tips on how they can get involved as good citizens at home and in their community, and they will explore one of the most valued rights of an American citizen - the right to vote.

• **CITY, SUBURB AND RURAL COMMUNITIES**: 18 min, grades K-3: with the help of three children, students learn about the likes and the differences of neighborhoods in the city, suburbs and rural communities. Each child shows us what it is like to live in his/her neighborhood.

• **CITY & SUBURBS: WHERE PEOPLE LIVE & WORK**: 11 min, grades K-3: What happens when a town grows and space becomes scarce? Skyscrapers are erected that touch the clouds, transforming that town into a city. Around the city, suburbs are established, providing housing for those employed in the city. Students are taken on a tour of cities and suburbs and are shown the characteristics of each and explained why they exist.

• **COMMUNITIES AROUND THE WORLD**: 20 min, grades K-3: A close look at the many communities around the world reveals that although they are similar in many ways, each community has something special to offer, which makes the world the masterpiece that it is. Follow Nathan all over the world as he encounters many different communities and learns about their similarities and differences.

• **COMMUNITY RULES AND LAWS**: 14 min, grades K-3: Students learn about the many types of rules and laws that exist in a community and discusses why they are important. Also learn what happens to citizens who choose not to abide by the laws. After watching the video, students will be able to appreciate the importance of following the laws in their community.

• **HOW COMMUNITIES ARE ALIKE AND DIFFERENT**: 14 min, grades K-3: From skyscrapers that touch the clouds to small cottages on acres of land, from an industrial city to a farming town, there are many factors that contribute to the composition of communities. Among communities some of these characteristics remain constant, while others are different. This video teaches students that although communities have differences, they also have many things in common; this will allow them to assimilate easier when they move into a new community.

• **HOW COMMUNITIES GROW AND CHANGE**: 15 min, grades K-3: This video explains the causes and effects of changes in communities, discussing factors such as needs, wants, technology, population, industry, and natural resources. It provides specific examples of dynamic communities across the United States, instilling in students the important concepts related to the behavior of communities across the globe.

• **NEIGHBORHOOD AND COMMUNITY** (My America: Building a Democracy Series): 20 min, grades K-5: America is a country of diverse neighborhoods. This video illustrates how people living in different neighborhoods and communities work together whether in cities, towns or rural areas across the U.S.
• **NEIGHBORHOODS**: 24- 15 min lessons, grade 2: Neighborhoods focuses on concepts of rural and urban communities and the geographical relationships with and between them. The series examines working and living relationships in society and emphasizes the need for cooperative human efforts and good citizenship. Lessons provide experiences which reinforce the diversity of population distribution and the benefits to be gained from these differences.

1. My Neighborhood and Me
2. Tale of Two Neighborhoods
3. Welcoming New Neighbors
4. Rural Neighborhood: A General Description
5. Rural Neighborhood: Good Neighbors Help Each Other
6. Rural Neighborhood: A Beautiful Place
7. City Neighborhood: A General Description I
8. City Neighborhood: A General Description II
9. City Neighborhood: Good Neighbors Help Each Other
10. City Neighborhood: A Beautiful Place
11. Town Neighborhood: A General Description
12. Town Neighborhood: Good Neighbors Help Each Other
13. Town Neighborhood; A Beautiful Place
14. Transportation in Neighborhoods
15. Communication in Neighborhood
16. Protection for Neighborhoods
17. Ethnic Neighborhoods: City
18. Ethnic Neighborhoods: Town
19. Ethnic Neighborhoods: Rural
20. Religious Neighborhoods: City
22. Religious Neighborhoods: Rural
23. Older and Newer Neighborhoods
24. Neighbors and Neighborhoods

• **SERVICE WORKERS**: 16 min, grade 2: Learn about the workers who serve in our communities and the services they provide—police officers, fire fighters, sanitation workers, grocery clerks, and others. Discover that providing a service means doing something to help someone else. Hear simple explanations of the terms goods and services, consumers, income, and learn why people work.

• **TRANSPORTATION IN AND BETWEEN COMMUNITIES**: DVD, 18 min, grade 2: Take an exciting journey as we learn how transportation in all forms connects people and places. Next, learn about transporting cargo using trucks, freight trains, boats, and even the space shuttle. Lastly see how services are provided to the community using fire trucks, ambulances, and sanitation trucks.

• **WHAT IS A COMMUNITY**: DVD, 15 min, grades Pre K-2: Whether it is in a big city, a small rural town or someplace in between, a community is where people live, work, learn and play. "What is a Community?" introduces viewers to the places that make up most communities, including local businesses, schools, city hall, the library and more! They will discover that while all communities have many things in common, they differ from each other in many ways as well. Young learners also get an up-close look at the many people who work hard to make neighborhoods and communities a great and safe place to live. They will learn that the community is all around them and they are part of the community too!
• **WONDERFUL WORLD OF HOUSES**: 42 min, grades K-3: A multicultural video that explains to children why houses around the world are so different. Children accompany our explorer through time & location that include days of the cave man, ancient Egypt, Greece, China and Rome. He tries to build a shelter as a Native American Indian before visiting the tropics of Hawaii and freezing Alaska and many more exotic destinations.

• **YOUR TOWN: THE FIRE STATION**: 13 min, grades K-3: Visit a community fire station and learn ways fire fighters and paramedics help people—from fighting a blazing fire to aiding an injured or sick person; also learn how to prevent fires.

### THE CONSTITUTION

• **BIRTH OF THE CONSTITUTION** (This is America Charlie Brown Series): 24 min, grades 1-4: The Constitution is an instruction manual for the United States. It tells how our government works. It’s a very important document – so important that the Peanuts pals are eager to help in its creation. The story takes place in 1787 in Philadelphia; Founding Fathers are trying to compose the Constitution.

• **SHH! WE’RE WRITING THE CONSTITUTION**: 31 min, grades 3-6. Meet the delegates at the 1787 summer convention in Philadelphia- Benjamin Franklin, George Washington, James Madison and many others who traveled there to draft a plan that would unify the states while preserving their sovereignty.

• **UNITED STATES CONSTITUTION** (American History for Children Series): 25 min, grades K-4: Video includes story of the Constitution; Biography of George Washington; Great Seal of the U.S.; Biography of Benjamin Franklin.

### CULTURES

• **ANCIENT EGYPT** (DVD): 23 min, grades 3-7: Travel back in time to ancient Egypt, a civilization that began along the Nile River more than 5000 years ago. From the building of the pyramids and temples to their vast trading system, these early people did much to advance civilization.

• **AUSTRALIA’S TWILIGHT OF THE DREAMTIME**: 59 min, grades 5-12: The special describes the Gagudju aborigines of Australia, hear of the longest unbroken culture the world has ever known. The film also describes the land that has been their home for 40,000 years—its wildlife and landscape. In the photography and in the words of Gagudju elders, the viewer learns that protection and preservation of the environment and living in harmony with plants and animals are central Gagudju beliefs.

• **BABA: PEOPLE OF THE FOREST**: 59 min, grades 5-12: Journey to a rain forest in southeastern Cameroon, home of the Baka people. Follow a family for an intimate look at everyday life in a hunter-gather society. Join the Baka by day as they harvest honey, catch fish, and use forest plants to make medicines and see them by night as legends are passed on and as a family prepare for the birth of a baby.

• **BALI, MASTERPIECE OF THE GODS**: 59 min, grades 5-12: A remarkable civilization survives on the island of Bali. Despite encroachment by the modern world, the Balinese people cling to the powerful traditions that give meaning to their existence. Religion permeates daily life, finding expression in music, dance, painting, and sculpture—all created to please the gods and placate the demons of the spirit realm. Ritual governs every pursuit. As viewers watch, the Balinese people enact their sacred rites: A ceremony to welcome a baby, a marriage, the release of ancestors’ souls at a joyous cremation.

• **BRAVING ALASKA**: 59 min, grades 5-12: America’s last frontier presents extraordinary challenges to modern-day pioneers who live out their dreams in Alaska’s bush. Look at some of the people who choose to endure Alaska’s hardships, not only the extreme weather and rugged terrain, but also the web of economic
and psychological obstacles. Explore the complexities of acquiring food, clothing, and shelter while maintaining a normal family life. Celebrate with these stalwart individuals the triumphs of survival in Alaska’s wilderness interior.

- **INCAS REMEMBERED**: 60 min, grades 6-12: Explore the mysteries of an advanced civilization’s disappearance. Centuries ago, they performed miraculously technical brain surgery, built modern irrigation canals, made agricultural discoveries still used by modern man, and were master builders... the stone village of Machu Picchu at 9,000 feet above sea level standing as the awe-inspiring monument to their genius. They were the Incas, a wondrous people who once ruled half of South America before falling to the Spanish Conquistadors.

- **LOST KINGDOM OF THE MAYA**: 59 min, grades 5-12: Explore the forests of Central America and Mexico on the trail of the ancient Maya, whose civilization was the most advanced in the Americas prior to the arrival of Columbus and the Spaniards. Join distinguished scientists as they unearth artifacts, reconstruct cities, and decipher the hieroglyphics of an extraordinary civilization that endured for centuries before its dramatic decline.

- **MACCABEES-THE STORY OF HANUKKAH** (Animated Hero Classics Series): 30 min, grades 1-4: Journey with the Maccabees, who did more than defeat a Greek army long ago, in defending their right to worship as they believed. The valor and determination of the Maccabees lives today in the celebration of Hanukkah. This joyful Feast of Lights, in which a candle of the Menorah is lit each day for eight days, commemorates the power of faith and the rededication of the temple in Jerusalem.

- **MESSENGER OF LIFE: STORY OF THE REAL CHRISTMAS TREE**: 27 min, grades 7-12: A video about the business of raising Christmas trees and the people involved in this industry. Evergreens have been used by countless cultures in mid-winter as a symbol of hope for the coming of spring. The Christmas tree is a symbol, a “Messenger of Life”. Beginning with a montage of shots of decorated trees at Rockefeller Center, ethnic festivities in Chicago, and tree growers around the country, the video continues with a brief history of the origin of Christmas trees.

- **THE MEXICANS: THROUGH THEIR EYES**: 59 min, grades 5-12: Explore some of the diverse aspects of Mexico- cultural triumphs, urban chaos, history of blood and conquest, and some of its recent environmental success stories. Meet Mexico’s people-urbanites, peasants, intellectuals, factory workers, politicians and artists—all of whom reflect the richness of Mexico’s past in the mosaic of its present.

- **PYRAMID**: 55 min, grades 4-12: Viewers are transported to the Fourth Dynasty of ancient Egypt, circa 2500 B.C. to view the planning and construction of the great Pyramid of Giza, eternal home of King Khufu. This program combines an animated story about life in ancient Egypt with live-action photography at the Valley of the Kings and the Egyptian Museum in Cairo.

- **SPIRIT OF THE LAND**: 3- 30min lessons, grades 6-12:
  1. The Yu’pik Eskimos: Illustrates the rich heritage of Native American cultures, beginning with the Native Alaskans and explores how society has developed through adaptation to the specific environment and traditions.
  2. Hawaii: Illustrates the rich heritage of Native American cultures, beginning with the Hawaiian people and explores how each society has developed through adaptation to the specific environment and traditions.
  3. In the Wake of Our Ancestors: Takes students through the first stages of the Hawi’iloa canoe project including the search for tall koa trees (for the hulls), the dramatic tree-falling ceremony and shaping of the hulls. The story takes a unique turn when the focus shifts to environmental concerns raised by the failed koa search on the Big Island of Hawaii. Community members join forces in a reforestation effort and make a strong commitment to care for the natural resources of their home.
- **THE SOUL OF SPAIN:** 59 min, grades 5-12: Little more than a decade ago, Spain was under the rule of a fascist dictator. It was economically depressed and isolated from the rest of Europe. Today a remarkable transformation is underway—a transformation of the political, economic and social structure of the country. But many traditions—a passion for flamenco music and dance, a devotion to the Catholic Church, and ardor for the bullfight—still endure in the soul of the Spaniard. Examine both the recent changes in Spain and the elements of traditional Spanish culture that persist. How much of this traditional culture will survive as Spain moves into the 21st century?

- **THE VOICES OF LENINGRAD:** 59 min, grades 5-12: Visit Leningrad, the Soviet Union’s window on the west- capital of the Tsars and cradle of Communism. Trace the city’s history; meet some of its modern citizens as they go about their daily lives. Through individuals as different as a rock and roll musician and a Russian Orthodox priest, viewers of this special enjoy an intimate look at a city poised at the brink of change as a new spirit of openness takes hold.

- **WHAT IS AN AMERICAN?** (My America: Building a Democracy Series); 21 min, grades 2-6: Many people living in America come from different cultures. This video opens with children describing the diversity of Americans. We see immigrants from around the world who came to America for a better way of life.

**THE DECLARATION OF INDEPENDENCE**

- **DECLARATION OF INDEPENDENCE (PBS version):** 15 min, grades 5-9: Basic principles and concepts set forth in the Declaration of Independence are presented in a concise and entertaining program and in the context of the colonial era. Program demonstrates how ideas that we take for granted were revolutionary in the late 18th century.

- **THE DECLARATION OF INDEPENDENCE:** 30 min, grades 5-9: July 4, 1776 marks the day that forever changed the direction of American history. On that day in Philadelphia, Pennsylvania, delegates of the Second Continental Congress declared that the thirteen British colonies were a free nation by signing the Declaration of Independence. In this video, we present a detailed account of the courage and determination of such founding fathers as Thomas Jefferson, Patrick Henry and John Adams. From the Stamp Act to the Boston Tea Party; from Paine’s Common Sense to the creation of the Continental Army, this program celebrates the founding of the most prosperous nation on earth- The United States of America.

**FLAG**

- **FLAG IS MORE THAN A SYMBOL:** DVD, 15 min; Learn about our flag's design; how its development parallels the history of our nation; and why we respect it with certain etiquette. Our flag is more than a symbol. It represents our patriotism and our unity.

- **OUR COUNTRY’S FLAG:** 10 min, grades 4-8: Prints, paintings, manuscripts, and the flags themselves document the story of the American Flag. Shows how the first flag of the Revolutionary war evolved from colonial flags and how it has changed as our country developed to fifty states.

- **UNITED STATES FLAG** (American History for Children Series): 25 min, grades K-4: Video includes Story of the Flag; Star Spangled Banner; Evolution of the Flag; Pledge of Allegiance; Care of the flag.

- **WHAT IS A FLAG?** (My America: Building a Democracy Series): 20 min, grades K-5: Flags are described by children, what they stand for and how flags make them feel. Watch the evolution of flags from cave-dwelling days to the factory-made ones of today.
GEOGRAPHY

- **FIVE THEMES OF GEOGRAPHY:** 18 min, grades 3-5: Join five enthusiastic students in their high-tech “Social Studies Lab” to learn about the five themes of geography: Location, Place, Human-Environment interactions, Movement, and Regions. Visit locations around the world to understand how geographers study the earth and the people who live here.

- **US GEOGRAPHY: FROM SEA TO SHINING SEA SERIES:** 6-20 min lessons, grades 4-8: This beautifully photographed series shows how geography helped shape the history, government, and business of the United States. Through crop harvests and historic re-enactments, viewers learn about the prominent industries, agriculture, mining, and historical events of each region. Map skills are reinforced to equip children with the skills to identify these important and breathtaking places within the varied geographic regions of the United States.
  1. **South Central Region:** Texas, New Mexico, Oklahoma
  2. **New England Region:** Massachusetts, Maine, Vermont, New Hampshire, Connecticut, Rhode Island
  3. **Middle Atlantic Region:** New York, New Jersey, Delaware, Maryland, Pennsylvania, and District of Columbia.
  4. **Southeast Region:** Virginia, West Virginia, North Carolina, South Carolina, Kentucky, Tennessee, Arkansas, Louisiana, Mississippi, Alabama, Georgia, Florida
  5. **Midwest and Great Plains Region:** Ohio, Indiana, Illinois, Michigan, Wisconsin, Iowa, Minnesota, North Dakota, South Dakota, Nebraska, Kansas, Missouri
  6. **Mountain West Region:** Colorado, Wyoming, Montana, Idaho, Utah, Arizona, Nevada
  7. **Pacific West Region:** Alaska, California, Hawaii, Oregon, Washington

- **UNITED STATES GEOGRAPHY FOR CHILDREN SERIES: DVD,** 7-23 min lessons, grades K-4: Explore the 5 U.S. regions and the states within them, along with the U.S. territories and commonwealths. Miguel’s travels take him to big cities, small towns, farms, factories, deserts, beaches, and national landmarks. Using fascinating footage, interviews and fun maps and graphics, kids will explore the history, culture, climate and natural resources of states and regions, along with an examination of the ever-changing relationship between people and their environment. Lessons include:
  1. **The Midwest:** States included are Minnesota, Wisconsin, Illinois, Indiana, Michigan, Ohio, North Dakota, South Dakota, Nebraska, Kansas, Iowa, and Missouri.
  2. **The Northeast:** States included are Maryland, Delaware, New Jersey, New York, Pennsylvania, Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont.
  3. **The Southeast:** States included are Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Arkansas.
  4. **The Southwest:** States included are Nevada, Arizona, New Mexico, Oklahoma and Texas.
  5. **The West:** States included are Hawaii, Alaska, Washington, Oregon, California, Idaho, Wyoming, Montana, Colorado and Utah.
  6. **The State Capitals:** Join Gus and Gwen as they learn about all 50 states and their capitals. From Montpelier, Vermont, to Juneau, Alaska, Gus & Gwen go region by region and provide fun facts and information, including state nicknames, things the states are famous for making or producing, popular recreation activities and a bit of history. Using colorful footage of the states and capitals and maps to illustrate the capitals within each state, this fast-paced trip from coast to coast provides an exciting overview of regions, states and their capitals.
  7. **The United States:** On this trip we will travel from coast to coast exploring mountains, rivers, lakes, canyons and plains as we visit each region of this vast country. We will tour the capital, Washington D.C.,
viewing many famous monuments along the National Mall and travel to historic Philadelphia as we learn about the history of the country. In addition, we will explore the nation’s industry, natural resources and culture, especially the diversity of its people. We’ll discover how laws are made and passed, and visit with a satellite geographer. We will be traveling by canoe, car, plane, train and even horse-drawn carriage, and will be encountering varied climates, from subzero temperatures in Alaska, to tropical breezes in Hawaii, so make sure you pack both your sandals and your snow shoes!

**GLOBES & MAPS**

- **DISCOVER THE WORLD: ALL ABOUT GLOBES**: 23 min, grades 3-5: This video imagines that a young teenager, Tracey, is the first student in space. She is connected to three classrooms in different parts of the country and she interacts with the children via satellite. The concepts of globes, continents and oceans, compasses, hemispheres, and longitude & latitude are all introduced through a question, answer, and application type dialogue between Tracey and the other children.

- **DISCOVER THE WORLD: ALL ABOUT MAPS**: 20 min, grades 3-5: This program introduces children not only to the many skills and strategies needed for reading maps, but also to the various types of maps and their uses. Tracey, a young teenager on an imaginary space shuttle flight, guides children in learning to use maps. She introduces the concepts of continents and oceans, directionality, compasses, hemispheres, longitude and latitude, types and uses of maps, scale, distance, and symbols.

- **FROM HERE TO THERE**: 16 min, grades 3-5: Join two youngsters on a fantasy adventure as they learn about maps and how to use them. Map symbols are compared with the real-life forms they represent. Students will learn about cardinal directions and the hemispheres.

- **MAPS & GLOBES: A THOROUGH UNDERSTANDING**: 20 min, grades 6-8: Provides a detailed look at such concepts as scale, latitude, longitude, equator, hemisphere, and prime meridian. Illustrates how to use the graphic scale, determine direction, distinguish types of maps, and other essential skills.

- **UNDERSTANDING & MAKING MAPS**: DVD, 20 min, grade 2: Learn the connection of drawings to maps, and models to globes, as students begin to understand scale and relative position. Introduces concepts such as symbol, compass rose, cardinal directions, key or legend, and map essentials.

**GOVERNMENT**

- **ELECTION COLLECTION** (School House Rock Series): 30 min, grades Pre K-9: Includes songs: I’m Gonna Send Your Vote to College; Energy Blues; Tyrannosaurus Debt; Tax Man Max; ‘Walkin’ on Wall Street; No More Kings; The Shot Heard ‘Round the World; Fireworks; The Preamble; The Great American Melting Pot; Mother Necessity; Sufferin’ till Suffrage; Three-Ring Government; I’m Just a Bill

- **FEDERAL, STATE & LOCAL GOVERNMENT** (American Government for Children Series): 23 min, grades K-4: Explore the three different levels of American government, illustrating how they are alike, how they differ and where their paths cross.

- **FOUNDING OUR FEDERAL GOVERNMENT**: 23 min, grades 1-5: While George Washington was leading the Continental Army, Thomas Jefferson was writing the Declaration of Independence. Students identify some of the people who fought for the rights of Americans. Recognize that our country’s government is based on a constitution, and learn of the changes made to it.
• **HISTORY OF AMERICAN GOVERNMENT** (American Government for Children Series): 23 min, grades K-4: Follow the history behind America’s progression from being ruled by the English monarchy to becoming the democracy it is today.

• **HOW OUR LAWS ARE MADE** (My America: Building a Democracy Series): 21 min, grades 3-6: Laws: what and why we have them are discussed. Laws help groups of people live and work together in harmony. See how a group of children try to get a law passed.

• **A NEW NATION (1776-1815)** (United States History Video Collection Series): 35 min, grades 5-8: Video includes inventing a new form of government; the Continental Congress; the Articles of Confederation; Northwest Ordinance; Shay’s Rebellion; Constitutional Convention; the Ratification Debates; Bill of Rights; political factions and two-party system; Alien and Sedition Acts; the Marshall Court.

• **RIGHTS AND RESPONSIBILITIES** (My America: Building a Democracy Series): 17 min, grades 3-6: Freedom is defined and the range of rights children have living in the American democracy is explained. Watch as a class proceeds with half the children experiencing how it feels to live without a voice, without rights and without freedom. Observe their frustrations as their freedoms are taken away.

• **THIS IS OUR GOVERNMENT**: 18 min, grades K-3: Learn what government is, and identify the main parts of each at the local, state and federal level. Understand how the branches work together to make our country, state, and community strong. Learn that one branch makes the laws, another makes sure the laws are fair, and the last makes sure the laws are obeyed. Discover the importance of our lawmakers and why making laws helps keep us safe.

• **THREE BRANCHES OF GOVERNMENT** (American Government for Children series): 23 min, grades K-4: Separation of powers is unique. Learn the detail about each of the three branches.

• **WHAT IS A DEMOCRACY?** (My America: Building a Democracy Series): 21 min, grades 3-6: Children discuss what democracy means to them and how they have experienced it in their lives. Governments make laws that determine what citizens are allowed to do as well as how one country gets along with other counties.

• **WHAT IS GOVERNMENT?** (American Government for Children Series): 23 min, grades K-4: Get clear-cut examples of how the American government makes, applies and enforces rules and laws. From the people who make our government run to comparisons with other forms of government from around the world, kids will get a better appreciation of the importance of the institution and see the significance of a government that gets its power from the people.

### IMMIGRATION

• **IMMIGRATION & CULTURAL CHANGE** (US History Video Series): 35 min, grades 5-8: Video includes old and new immigration; the world of the immigrants; a new working class; the limits of mobility and ethnic diversity; the Chinese Exclusion Act; new forms of leisure and mass entertainment; the American Dream.

• **IMMIGRATION TO THE U.S.** (American history for Children Series): 25 min, grades K-4: Video includes who came to the U.S.; Story of a child; My New Home in America; Story of the Statue of Liberty and Ellis Island; I Came All the Way from China; Faces of Immigration Today.

• **MOVING TO AMERICA: THEN AND NOW**: 15 min, grades 1-4: This is America, a country of many different peoples, but where did they come from? When did they come to America? How did they get here? The answers to these questions and more await students in this engaging look at the history of immigration to America.
MISCELLANEOUS

- **DENVER INTERNATIONAL AIRPORT & UNITED AIRLINES** (Field Trip Series): 25 min, grades 2-6: Tour the entire facility and see how passengers check in, how their luggage moves through the building to end up at the right plane. See the Traffic Control Systems and how they actually follow a plane from its departure to when it docks at the next airport.

- **INSIDE THE SOVIET CIRCUS**: 59 min, grades 5-12: From aerialists’ trapezes high in the rafters, the camera swoops down inside a tiger’s cage. As this special takes us inside the Soviet Circus, it shows us the many faces of the people of the Soviet Union—the mature face of a beloved, veteran clown; the youthful faces of Muscovite jugglers; and the expectant faces of awed children. We see that communication through art is universal.

- **LIBERTY AND JUSTICE** (My America: Building a Democracy Series): 21 min, grades 2-6: Children share their views on prejudice and how it feels to be treated unfairly. Traveling to the Statue of Liberty, the Lincoln Memorial and the Supreme Court, we see how these ideals, which cannot be seen or touched, are symbolized by monuments. Children learn about the history of these special structures and important events that happened around them. Children and adults talk about working together to help America live up to its dream.

- **A PLEDGE IS A PROMISE** (My America: Building a Democracy Series): 15 min, grades K-5: Children learn the history of the Pledge of Allegiance and think about the meaning of the words in their lives. Each word is defined in a lively way.

- **SECRETS OF THE TITANIC**: 59 min, grades 3-12: Highlights the century’s most celebrated underwater expedition. A team of researchers located the final resting place of the ill-fated S.S. Titanic, nearly two and one half miles beneath the surface of the icy Atlantic. Armed with sophisticated equipment, including the submersible deep-sea-craft, Alvin and a myriad of remote video cameras, this team was the first to see and photograph the Titanic since its sinking more than 70 years ago.

- **SHANE**: A weary gunfighter attempts to settle down with a homestead family, but a smoldering settler/rancher conflict forces him to act.

- **TREASURES OF THE PAST**: Restore a piece of the past with artisans, collectors and dreamers who restore masterpieces of a by-gone era. Fly the skies in a WWI bi-plane, drive in the glamorous Duisenberg automobile, ride a turn-of-the-century carousel, sail aboard a magnificent tall ship, and finally promenade through the halls of a Russian Palace.

- **U.S. NAVAL ACADEMY** (Field Trip Series): 25 min, grades 2-6: Located in Annapolis, Maryland, is the location where Navy officers are trained. Midshipmen show us around; attend drill, make beds, and visit the Navy’s Hydrodynamics Laboratory.

- **THE WASHINGTON POST** (Field Trip Series): 25 min, grades 2-6: See how a newspaper is produced and delivered on time each day.

NATIVE AMERICANS

- **GREAT NATIVE AMERICAN LEADERS SERIES**: 4-15 min lessons, grades 3-8: Four of America’s last great Indian leaders, from some of the most famous Native American tribes, are portrayed here by historic photographs, and graphics, dramatic reenactments, maps, haunting music, and their own words.
  1. Chief Joseph and the Nez Perce Indians
  2. Crazy Horse and the Lakota Sioux Indians
  3. Geronimo and the Apache Indians
4. Quanah Parker and the Comanche Indians

- **I WILL FIGHT NO MORE...FOREVER**: 105 min, grades 7-12: In 1877, a small band of 300 Nez Perce warriors guided by Chief Joseph led the post Civil War military of the United States over thousands of miles from Idaho to within 40 miles of the Canadian border... and freedom. No one wanted the final confrontation, and yet, it was inevitable!

- **INCAS REMEMBERED**: 60 min, grades 6-12: Explore the mysteries of an advanced civilization’s disappearance. Centuries ago, they performed miraculously technical brain surgery, built modern irrigation canals, made agricultural discoveries still used by modern man, and were master builders... the stone village of Machu Picchu at 9,000 feet above sea level standing as the awe-inspiring monument to their genius. They were the Incas, a wondrous people who once ruled half of South America before falling to the Spanish Conquistadors.

- **INDIANS OF NORTH AMERICA: A HISTORY OF NATIVE AMERICANS**: DVD, 30 min, grades 5-12: More than 300 different Native American tribes had common beliefs, traditions and experiences, and in many ways, their history is a shared experience. This program examines the impact of European colonization on Native American tribes, including co-existence and trade, the struggles over land ownership and the effects of European imports like guns, horses, alcohol, religion, and disease. It also covers the policies of the U.S. government, the forced removal of Indians in the Trail of Tears, the Indian Removal Act, and the Indian boarding schools that diluted tribal cultures and shared beliefs. Today all of the tribes face a similar ongoing struggle to maintain their culture, language and traditions in the modern world.

- **NATIVE AMERICAN HERITAGE** (American Cultures for Children Series): 25 min, grades K-4: Children are introduced to the history and culture of the diverse groups of Native Americans that first lived in North America. Includes geography and history segments; tours of neighborhood restaurants, markets or festivals, foreign language segments, a folktale, a folksong and easy arts and crafts.

- **NATIVE AMERICAN LIFE** (American History for Children Video Series): 25 min, grades K-4: Video includes Stewards of the Earth; Story of Pocahontas: Many Faces, One Heart; Diversity of Cultures: Tecumseh and the Trail of Tears; Native Americans who they are.

- **NATIVE AMERICANS**:
  1. **Part I**: Meet the tribes that lived and prospered on the Great Plains of North America: Crow, Comanche, Sioux, Kiowa, and Arapaho. Even before the age of the horse, they roamed the endless grasslands of this lush land. These are the “Buffalo People” who lived and died by the sacredness of the bison, hunted on foot with the aid of dogs, and maintained a respectful harmony between man and earth.
  2. **Part II**: Probe the factors that led to the loss of the Great Plains by its native sons: Crow, Comanche, Sioux, Kiowa and Arapaho.

- **POW-WOW** (Holidays for Children Series): 25 min, grades K-4: Many Native Americans from across the U.S. and Canada meet throughout the year at Pow-Wows, gatherings where Native American culture and life are celebrated by everyone. In this program, discover the creative traditions of Native American crafts as they make a kachica doll of their own and learn the folklore behind the dream catcher. The program also introduces the rhythmic sound of drums, celebratory songs, dances and traditional tales that weave together the fabric of Native American culture while acquainting children with the meanings behind them.

**PRESIDENCY**

- **CITIZENS RULE! HOW WE ELECT A PRESIDENT**: DVD, 23 min, grades 3-8: What does it take to become President of the United States? What is the Electoral College? Through colorful graphics, lively
animation and live-action footage, the entire election process is explained in simple-to-understand language. Children will learn about political “platforms” and “party tickets”, as well as interesting facts about former presidents that will stimulate classroom discussion. Students will come to understand the qualifications of a presidential candidate, political parties, how presidential caucuses and primaries work, the role of the national conventions and the voting process itself.

- **HAIL TO THE CHIEF: PRESIDENTIAL ELECTIONS**: 22 min, grades 4-8: this live action program explores the presidential election process. It discusses the three branches of government, political parties, presidential primaries, the Electoral College and more.

- **HISTORY OF THE PRESIDENCY** (American Government for Children Series): 23 min, grades K-4: Tour the Presidency and learn where the President lives and what the job entails. Also discover how a person gets to be President, and learn about the important qualities necessary for the most exciting job in the world-President of the United States.

- **ROAD TO THE WHITE HOUSE (HOW WE ELECT OUR PRESIDENT)**: 20 min, grades 3-8: Focuses on the process by which the President of the United States is elected. The information presented deals with the structure of our government, the problems faced by the farmers of the Constitution in deciding how the President should be elected, the Electoral College, and how the right to vote has been expanded by amendments to the Constitution.

- **SMITHSONIAN AND THE PRESIDENCY** (This is America Charlie Brown Series): 25 min, grades 1-4: When Charlie Brown and friends visit the Smithsonian Institution at Washington D.C.; the Peanuts pals do more than learn about the great leaders (Abraham Lincoln, Theodore Roosevelt, Franklin Delano Roosevelt). They take make-believe journeys that whisk them back in time to each President’s era.

- **SO YOU WANT TO BE PRESIDENT?**: DVD, 76 min: Celebrate American history and learn about the public and private lives of our Presidents. DVD also includes: MADAME PRESIDENT: A little girl imagines what her day would be like if she were Madam President. MY SENATOR AND ME: A DOG’S-EYE VIEW OF WASHINGTON D.C.: Senator Ted Kennedy and his dog, Splash, invite children on a typical whirlwind day on Capitol Hill. I COULD DO THAT! ESTHER MORRIS GETS WOMEN TO VOTE: The true story of Esther Morris, who started out life believing she could do anything, and then proved it!

**STATES**

- **HOW THE STATES GOT THEIR SHAPES**: DVD, 100 min. Every line on the U.S. map tells a story. Every border reflects our history- our struggles for independence, our internal conflicts over states’ rights and slavery, our westward expansion, and the mastery of our natural resources. We are so familiar with the map of the United States, but do we know why our states look the way they do? Every shape on the map tells a great story about our past. Why is California bent? To cling onto gold. Why does Oklahoma have a panhandle? Because of shifting borders for slavery. Why does Missouri have a boot? Because of a massive earthquake. Examine how every state is a puzzle piece, ultimately revealing the unique geography, political and social history of America.

- **HOW THE U.S.A. GREW: 13 COLONIES TO 50 STATES**: 28 min, grades 3-8. Information deals with the events that led to each land acquisition and the addition of new states to the Union from 1783 to 1959.

- **OUR AMERICAN LANDSCAPE**: 50 min, grades 2-5: This video captures the natural beauty of America with breathtaking video. These images are combined with fascinating information and little known facts that make each state unique. Go on a whirlwind, state-by-state trip across the country.
• **THE SCRAMBLED STATES OF AMERICA** (Scholastic Video Collection Series): 34 min, grades K-4: **VHS & DVD**: All 50 states go to a party. At the party, they decide to switch places so they can see a new part of America. What will happen when all the states are scrambled? **Also includes**: *This Land is Your Land*: America’s favorite folk song sung by Arlo Guthrie takes you across our great country and show how this land was made for you and me; *The Star-Spangled Banner*: Featuring Aretha Franklin’s soulful, heartfelt voice, our flag’s broad stripes and bright stars shine in the moving rendition of our national anthem.

• **THIS IS OUR COUNTRY**: 24 min, grade 2: Students learn about our country’s flag and anthem, and they tour our nation’s capital, Washington D.C. They also learn that America is divided into 50 states and that each state has its own capital, flag, bird, and flower. Holidays are introduced and students learn why they are important to most Americans. Finally, students view and learn about some of the great natural and man-made landmarks in America.

• **US GEOGRAPHY: FROM SEA TO SHINING SEA SERIES**: 6-20 min lessons, grades 4-8: This beautifully photographed series shows how geography helped shape the history, government, and business of the United States. Through crop harvests and historic re-enactments, viewers learn about the prominent industries, agriculture, mining, and historical events of each region. Map skills are reinforced to equip children with the skills to identify these important and breathtaking places within the varied geographic regions of the United States.
  1. **South Central Region**: Texas, New Mexico, Oklahoma
  3. **Middle Atlantic Region**: New York, New Jersey, Delaware, Maryland, Pennsylvania, and District of Columbia.
  4. **Southeast Region**: Virginia, West Virginia, North Carolina, South Carolina, Kentucky, Tennessee, Arkansas, Louisiana, Mississippi, Alabama, Georgia, Florida
  5. **Midwest and Great Plains Region**: Ohio, Indiana, Illinois, Michigan, Wisconsin, Iowa, Minnesota, North Dakota, South Dakota, Nebraska, Kansas, Missouri
  6. **Mountain West Region**: Colorado, Wyoming, Montana, Idaho, Utah, Arizona, Nevada
  7. **Pacific West Region**: Alaska, California, Hawaii, Oregon, Washington

• **UNITED STATES GEOGRAPHY FOR CHILDREN SERIES**: **DVD**, 7-23 min lessons, grades K-4: Explore the 5 U.S. regions and the states within them, along with the U.S. territories and commonwealths. Miguel’s travels take him to big cities, small towns, farms, factories, deserts, beaches, and national landmarks. Using fascinating footage, interviews and fun maps and graphics, kids will explore the history, culture, climate and natural resources of states and regions, along with an examination of the ever-changing relationship between people and their environment. Lessons include:
  1. **The Midwest**: States included are Minnesota, Wisconsin, Illinois, Indiana, Michigan, Ohio, North Dakota, South Dakota, Nebraska, Kansas, Iowa, and Missouri.
  3. **The Southeast**: States included are Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Arkansas.
  4. **The Southwest**: States included are Nevada, Arizona, New Mexico, Oklahoma and Texas.
  6. **The State Capitals**: Join Gus and Gwen as they learn about all 50 states and their capitals. From Montpelier, Vermont, to Juneau, Alaska, Gus & Gwen go region by region and provide fun facts and
information, including state nicknames, things the states are famous for making or producing, popular recreation activities and a bit of history. Using colorful footage of the states and capitals and maps to illustrate the capitals within each state, this fast-paced trip from coast to coast provides an exciting overview of regions, states and their capitals.

7. **The United States:** On this trip we will travel from coast to coast exploring mountains, rivers, lakes, canyons and plains as we visit each region of this vast country. We will tour the capital, Washington D.C., viewing many famous monuments along the National Mall and travel to historic Philadelphia as we learn about the history of the country. In addition, we will explore the nation’s industry, natural resources and culture, especially the diversity of its people. We’ll discover how laws are made and passed, and visit with a satellite geographer. We will be traveling by canoe, car, plane, train and even horse-drawn carriage, and will be encountering varied climates, from subzero temperatures in Alaska, to tropical breezes in Hawaii, so make sure you pack both your sandals and your snow shoes!

**WASHINGTON D.C.**

- **DISCOVERING WASHINGTON: A TOUR OF OUR NATION’S CAPITAL:** 23 min, grades 4-12: Take a tour of one of the world’s most historic and important cities. Get a first hand view of the monuments, including the Vietnam War Memorial; see some of the world’s greatest museums, including the Smithsonian Institute; and visit the U.S. Treasury and see how money is made.

- **UPON THESE GROUNDS-EXPLORING THE WHITE HOUSE GARDEN:** 27 min, grades K-12: The grounds and gardens of the White House are rich with history, tradition and personality as the White House itself. They serve as home of the First Family, office of the President and symbol of Democracy throughout the world. This tour shows rare footage of First Families in their “backyard”, tour private areas never seen by the public and learn how the ground grew and evolved with changing Administrations over two centuries.

- **WASHINGTON D.C.** (American History for Children Video Series): 25 min, grades K-4: Video includes planning and building of our Capitol; Capitol Building; White House; Lincoln Memorial; Vietnam Memorial; Supreme Court Building.

- **WASHINGTON D.C.:** 16 min, grades K-3: Students will learn about the interesting monuments, memorials, museums, and government buildings that make up Washington D.C. The three branches of the United States government are also examined.

**HOLIDAYS**
**100th DAY OF SCHOOL**

- **THE 100th DAY OF SCHOOL** (Holidays for Children Series): 12 min, grades K-4: The 100th day of school has arrived! How are you going to celebrate this special day? The kids at the community center have assembled collections of 100 items and are ready to do some estimation, counting, measuring and more! Say the number in another language, consider how much has changed in the last 100 years, see what can be done in 100 seconds, and think about what you would do with $100. Have you ever thought about the meaning of the zeroes in the number 100? It’s a perfect example of the importance of place value! Having a special day set aside to celebrate 100 is a great way to remind ourselves of the importance of math in everything that we do.

**ARBOR DAY**

- **ARBOR DAY** (Holidays for Children Series): 25 min, grades K-4: Arbor Day is the perfect time to teach children about the importance of respecting and maintaining the splendor and resources of our environment. Children can discover their own passion for nature as they learn about the legend of Johnny Appleseed and the real-life story of J. Sterling Morton, the founder of Arbor Day. This video explores the importance of trees to the pioneers and invites children of all ages to make their own pine cone owl.

**CHRISTMAS**

- **THE 12 DOGS OF CHRISTMAS**: DVD: 107 min: Upon being sent to live with her aunt in the small town of Doverville, 12 year old Emma O’Conner finds herself in the middle of a ‘dog-fight’ with the Mayor and town dogcatcher. In order to strike down their ‘no dogs’ law, Emma must bring together a group of schoolmates, grown-ups, and adorable dogs of all shapes and sizes in a spectacular holiday pageant. The 12 Dogs of Christmas is a fun, heartwarming story featuring a diverse canine cast of over 101 pooches, perfect for all those who love dogs, kids and Christmas.
- **THE BEST CHRISTMAS PAGEANT EVER**: DVD & VHS: 60 min, grades K-6: Beware the Herdmans! They’re the nastiest, dirtiest kids you could ever meet…and they’ve just decided they belong in this year’s pageant. But the town thinks they belong in the care of the local police. When the curtain finally goes up, a miracle begins- and it all turns into… The Best Christmas Pageant Ever!
- **CHILDREN’S CIRCLE CHRISTMAS STORIES**: Includes: “Morris’s Disappearing Bag”: Morris, the youngest child, is told he is “too little” and “too young” to play with his brother and sister’s Christmas gifts—and they are not interested in his new bear. Then he discovers a very special package under the tree, a disappearing bag which saves his day. “The Clown of God”: Old Giovanni, a legendary juggler comes to the church on Christmas Eve seeking refuge. He watches the people bringing gifts to honor the Holy Child and decides to offer the only gift he has- one last performance. “The Little Drummer Boy”: Joyful drumming, glowing illustrations and the voices of the St. Paul Choir School bring this well-known Christmas story to life. “The Twelve Days of Christmas”: A delicious accumulation of graceful graphics and spirited singing adds up to a Christmas treat where counting becomes rewarding fun.
- **CHRISTMAS AROUND THE WORLD** (Holidays for Children Series): 23 min, grades K-4: Froehliche Weinachten! Maligayang Pasko! These are just two of the ways children learn to say “Merry Christmas” while seeing how Christmas is celebrated around the globe. In “Christmas Around the World”, join the kids at the community center as they learn how different countries celebrate this important Christian holiday honoring the birth of Jesus. This video offers a glimpse of the special foods, objects, songs and stories that
people around the world incorporate into their unique Christmas celebrations, and helps students to gain an appreciation for distinctive Christmas traditions worldwide.

- **A CHRISTMAS CAROL**: 86 min, grades 6-12: Old Ebenezer Scrooge is known as the meanest miser in London. He overworks and underpays his humble clerk, Bob Cratchit whose little son, Tiny Tim, is crippled and may soon die. He also avoids his nephew, Fred, because his birth cost the life of Scrooge’s sister. One Christmas Eve, Scrooge has a dreadful nightmare. He is visited by three ghosts who change his life forever.

- **CHRISTMAS VIDEOS VOLUME I**: Includes “Jingle Bells”, “The First Christmas Tree”, and “Silent Night”.

- **CHRISTMAS VIDEOS VOLUME II**: Includes: “Cosmic Christmas”, “’Twas the Night before Christmas”, “Christmas Customs Near & Far”, “Little Brown Burrow”, “Little Drummer boy Book 2”.


- **THE GUTHRIE THEATER PRESENTS A CHRISTMAS CAROL BY CHARLES DICKENS**: 90 min, grades 5-12: Billowing fog rolls across the stage while apparitions materialize and vanish, as the miserly Ebenezer Scrooge is haunted by the ghosts of Christmas Past, Christmas Present and Christmas Yet-To-Come. Discovering upon awakening, that it is Christmas morning and he still has time to right the wrongs of his life, Scrooge’s joy is real. And when he tells the serving boy he has abused for years that “I don’t believe I have ever asked your name,” there is a shudder of sadness in all of us. In this colorful and enchanting production, Scrooge, through his encounters with the Spirits of Christmas, learns how to love, through giving.

- **HAPPY HOLIDAYS WORDFRIENDS**: DVD 33 min: Includes 2 Christmas stories: The Christmas Star: It’s the night before Christmas and Frog needs a star to hang on his Christmas tree. Duck thinks this will be the perfect present for frog, and tries to lasso one out of the sky for him. Try as he might, Duck is unable to catch a star for Frog, and cries himself to sleep. But while he sleeps, someone leaves him a wonderful present: the letters S-T-A-R. A Present for Dog: It’s Christmas morning, and all the WordFriends are excited by the presents Santa has brought for them! Pig has a sled, Bear has a doll, and Ant has a cookie. But not all the letters for Dog’s present came down his chimney. All he has is a B-A-L. Bear gets filled with the Christmas spirit and makes a sacrifice to ensure Dog’s Christmas will be merry.

- **MESSENGER OF LIFE: STORY OF THE REAL CHRISTMAS TREE**: 27 min, grades 7-12: A video about the business of raising Christmas trees and the people involved in this industry. Evergreens have been used by countless cultures in mid-winter as a symbol of hope for the coming of spring. The Christmas tree is the symbol, this “Messenger of Life”. Beginning with a montage of shots of decorated trees at Rockefeller Center, ethnic festivities in Chicago, and tree growers around the country, the video continues with a brief history of the origin of Christmas trees.

- **OPUS N’ BILL A WISH FOR WINGS THAT WORK**: 24 min, Take your family to Bloom County, a whimsical, wacky cartoon treat that’s as funny for grownups as it is fun for kids! From Pulitzer Prize-winning author/artist Berkeley Breathed, it’s a merry, madcap romp with Opus the earthbound penguin and his brain-fried feline cohort Bill. Wrestling with an unfulfilled wish to soar through the air like any other self-respecting bird, the plucky penguin decides there’s only one person who can make his aeronautic dream come true: Father Christmas. Bill the Cat coughs up a wild idea that just may bring a holiday miracle, but when ol’ St. Nick finds himself in hot water on December 24th, the fate of Christmas itself suddenly depends on the kind of heroism that only comes in a penguin-sized package! Will Opus come to the rescue and learn the value of being true to oneself?

- **A TAD OF CHRISTMAS CHEER** (Leap Frog Series): 48 min: It’s Christmas Eve and everyone in the Frog family is busy getting ready to celebrate the holidays and the arrival of a new baby! Tad is more excited than
anyone, but all of the attention is being given to the new arrival. Then a “magical fairy god-bug” arrives and takes Tad on a journey through a world in which he never existed. Tad gains a new appreciation and love for everyone in his family. But will he make it home in time for Christmas? Encourages empathy, self awareness, self confidence and responsibility.

- **‘TWAS THE NIGHT: A HOLIDAY CELEBRATION**: 27 min, grades K-3: A celebration of Christmas, Hanukkah, and Kwanzaa, features classic and modern-day recordings of holiday favorites including Louis Armstrong’s reading of “A Visit from St. Nicholas” and performances of “What a Wonderful World”, Bing Crosby’s “Jingle Bells”, Doris Day’s “I’ll Be Home For Christmas”, as well as Macy Gray’s “Winter Wonderland” all magically brought to life with vivid and engaging animation. These vibrant and touching segments are complemented by the voices and imagination of children who bring their own ideas of the holidays to life with endearing, enlightening and often hilarious descriptions of how they see the season.

- **CINCO DE MAYO**

  - **CINCO DE MAYO** *(Holidays for Children Series)*: 25 min, grades K-4: Cinco de Mayo (the fifth of May) is the celebration of Mexico’s military victory over the French in 1862. This video investigates the holiday’s history and observes preparations being made to make the occasion festive, highlighted by the spirited sounds of a traditional Mexican mariachi band. Children will also hear Mexican folk songs, learn about the Mayan myth of creation, Origin of the World, and make their own maracas from small cans to celebrate the sound of the fifth of May any time of the year.

- **COLOMBUS DAY**

  - **COLUMBUS DAY**: 16 min, grades K-3: With the discovery of an ancient diary, two children learn what drove Columbus to explore the unknown, who helped him in his journey, and what he found once he arrived in the New World. Guided by Columbus himself, the children see how the explorer went from working in his father’s weaving shop to accidentally discovering the Americas. Through this tour of Columbus’ life students will learn the importance of his journeys and why we honor him in October.

- **EARTH DAY**

  - **EARTH DAY: HOLIDAY FACTS AND FUN**: 10 min, grades 1-3: Learn the story behind Earth Day and understand the importance of establishing a healthful environment on the land, in the air, and in the waters of our planet. Discover what you can do today and in years to come to protect our home, Planet Earth.

- **EASTER**

  - **IT’S THE EASTER BEAGLE, CHARLIE BROWN**: 25 min: Linus tries to convince everyone that the Easter Beagle will take care of everything. But his pals don’t believe him and they have too much to do! From coloring eggs to choosing new shoes, the Peanuts gang prepares for the big day. Watch out, Easter Bunny, there’s someone new in town! He has floppy ears, a funny nose and a basketful of colored eggs…and looks all too familiar to Lucy. It’s the Easter Beagle Charlie Brown! Also includes: "It’s Arbor Day Charlie Brown!":

Baseball Season and Arbor Day coincide in this eco-friendly tale of a well-meaning tree-planting scheme that goes a bit overboard. And “In Full Bloom: Peanuts at Easter”.

HALLOWEEN

- **FRANKENBONE** (Wishbone Series): 30 min, grades 2-5: Uh-oh! Someone’s created a monster. And it’s running loose! In Oakdale, David’s science fair project wanders unleashed and out of control. Can I keep it out of trouble? Will David capture it in time for the fair?

- **THE LEGEND OF SLEEPY HOLLOW**: 49 min, grades K-8: When the bumbling schoolmaster, Ichabod Crane falls in love with the wealthy Katrina, rival suitor Brom Bomes frightens the superstitious Ichabod with a spirited tale about “The Headless Horseman”.

- **PUMPKIN CIRCLE: THE STORY OF A GARDEN**: VHS & DVD, 20 min, grades K-6: Danny Glover narrates this story about life in a pumpkin patch in this presentation of the book by George Levenson.

- **WISHBONE IN THE LEGEND OF SLEEPY HOLLOW**: 60 min, grades 2-5: It’s Halloween in Oakdale. Something strange is in the air and young Joe Talbot’s feeling mighty uneasy. And, it certainly doesn’t help matters that a scavenger hunt, combined with Wishbone in pursuit of a black cat, leads Joe straight to the old Murphy house. The same Murphy house where he saw a ghost several years earlier. But Joe’s not the only one seeing things. Wishbone as Ichabod crane, is stirring up some spirits of his own in Sleepy Hollow. Will our courageous canine survive an encounter with the dreaded headless horseman? Or, will he simply put his tail between his legs and run? Get ready for a full hour jam packed with plenty of Halloween tricks and puppy dog treats.

HANUKKAH

- **MACCABEES-THE STORY OF HANUKKAH** (Animated Hero Classics Series): 30 min, grades 1-4: Journey with the Maccabees, who did more than defeat a Greek army long ago, in defending their right to worship as they believed. The valor and determination of the Maccabees lives today in the celebration of Hanukkah. This joyful Feast of Lights, in which a candle of the Menorah is lit each day for eight days, commemorates the power of faith and the rededication of the temple in Jerusalem.

- **‘TWAS THE NIGHT: A HOLIDAY CELEBRATION**: 27 min, grades K-3: A celebration of Christmas, Hanukah, and Kwanzaa, features classic and modern-day recordings of holiday favorites including Louis Armstrong’s reading of “A Visit from St. Nicholas” and performances of “What a Wonderful World”, Bing Crosby’s “Jingle Bells”, Doris Day’s “I’ll Be Home For Christmas”, as well as Macy Gray’s “Winter Wonderland” all magically brought to life with vivid and engaging animation. These vibrant and touching segments are complemented by the voices and imagination of children who bring their own ideas of the holidays to life with endearing, enlightening and often hilarious descriptions of how they see the season.

KWANZAA

- **KWANZAA** (Holidays for Children Series): 25 min, grades K-4: Through the rhythmic sounds of traditional West-African drums and a look into the colorful significance of the clothes and candles, young viewers are introduced to the African American family celebration of Kwanzaa. The seven principles of the Kwanzaa festival (Unity, Self-determination, Collective work, Cooperation, Purpose, Creativity and Faith in self) are
explored, and an African folk tale. Unanana and the Enormous One-Tusked Elephant, vividly illustrates the idea of conflict resolution within the community. Children will be dazzled by the energy of the dance, the sounds, traditions and the colors that honor the African American family and its ancestor, and will delight in learning to create their own necklaces from beads, buttons and pasta.

- **‘TWAS THE NIGHT: A HOLIDAY CELEBRATION:** 27 min, grades K-3: A celebration of Christmas, Hanukkah, and Kwanza, features classic and modern-day recordings of holiday favorites including Louis Armstrong’s reading of “A Visit from St. Nicholas” and performances of “What a Wonderful World”, Bing Crosby’s “Jingle Bells”, Doris Day’s “I’ll Be Home For Christmas”, as well as Macy Gray’s “Winter Wonderland” all magically brought to life with vivid and engaging animation. These vibrant and touching segments are complemented by the voices and imagination of children who bring their own ideas of the holidays to life with endearing, enlightening and often hilarious descriptions of how they see the season.

**MARTIN LUTHER KING DAY**

- **DR MARTIN LUTHER KING, JR. DAY:** 60 min, grades 5-8: Realizing the injustices against blacks in the South, King became a minister and daily preached against them. He was a leader in the Montgomery bus boycott and the Great March on Washington which influenced President Kennedy to propose a new civil rights bill in Congress.

- **MARTIN LUTHER KING DAY:** 15 min, grades K-4: Two students hear a special voice that others around them do not which ultimately brings them together as they learn about the life of America’s foremost civil rights leader. In this engaging video, all students will learn about Dr. King’s contributions to the people of the United States and those living throughout the world. They will learn about King’s childhood experiences with prejudice, his ability to speak in front of others, his commitment to nonviolence, and why it is so important to follow his message of hope and peace.

**MISCELLANEOUS**

- **AMERICA’S SPECIAL DAYS SERIES:** 16-15 min lessons, grades K-3: Designed to support teachers in helping students understand and appreciate why we celebrate certain days called “holidays”. Lessons include:
  1. New Year’s Day
  2. Martin Luther King Jr/ Black History Month
  3. Presidents Day
  4. Women’s History Month
  5. Arbor Day/ Earth Day
  6. Memorial Day/ Veteran’s Day
  7. Flag Day/ Citizenship Day
  8. Independence Day
  9. Native American Day
  10. Thanksgiving Day
  11. Labor Day
  12. National Children’s Book Week
  13. Election Day
  14. Groundhog Day
  15. Olympic Games/ Special Games
  16. Daylight Savings Time
• **CELEBRATE SERIES:** 13-15 min lessons, grades K-3: The origin and deeper meaning of holidays sometimes gets lost in the celebration, or neglected or never fully known. This series takes a close look at these special days and times. Lessons include:
  1. Halloween
  2. Veteran’s Day
  3. Thanksgiving
  4. Christmas
  5. New Year’s Day
  6. Martin Luther King Jr
  7. Lincoln
  8. Valentine’s Day
  9. Washington
  10. Arbor day
  11. Memorial Day
  12. Flag Day
  13. Independence Day

• **FEBRUARY HOLIDAY STORIES:** 40min: Enjoy these touching stories of honesty, strength, love, and learning. Youngsters will see what qualities make a good president, how heart-shaped candy can get anyone in the spirit, and why Groundhog Day is more than meets the eye. This four part program features: The President’s Message, George’s Journey, Valentine Candy for Sale, and Christina and the Groundhog.


• **SCHOLASTIC VIDEO SERIES:** 10 min, grades K-2
  - 1. Night Before Christmas by Clement Clarke Moore
  - 2. Max’s Christmas by Rosemary Wells
  - 3. Morris’s Disappearing Bag by Rosemary Wells
  - 5. Giving Thanks by Jake Swamp
  - 6. Star Spangled Banner by Peter Spier
  - 7. Seven Candles of Kwanzaa by Andera Davis
  - 11. Max’s Chocolate Chicken

**POW WOW**

• **POW WOW** (Holidays for Children Series): 25 min, grades K-4: Many Native Americans from across the U.S. and Canada meet throughout the year at Pow Wows, gatherings where Native American culture and life are celebrated by everyone. In this program, children discover the creative traditions of Native American crafts as they make a kachina doll of their own and learn the folklore behind the dream catcher. The program also introduces the rhythmic sound of drums, celebratory songs, dances and traditional tales that weave together the fabric of Native American culture while acquainting children with the meanings behind them.

**SEPTEMBER 11TH**

• **REMEMBERING SEPTEMBER 11TH:** 23 min, grades 4-6: Commemorate September 11, 2001 with this thoughtful and sensitive video that examines the tragic events of that day as well as the inspiring and heroic
tributes that followed. Explore the nature of terrorism and the patriotic response exhibited in the United States following these events. Students will hear the stories of real heroes, and will listen to the thoughts and feelings of other young children as they develop a memorial to September 11th at their community center.

THANKSGIVING

- **THE HOBOKEN CHICKEN EMERGENCY**: 60 min, grades K-5: When the Bobowicz family asked their son Arthur to pick up a turkey for Thanksgiving, they weren’t expecting him to bring home a 266 pound live chicken named Henrietta! “But she’s the best poultry bargain on earth!” he justifies in this wild and wacky comedy about Henrietta at large in the city of Hoboken.

- **MOLLY’S PILGRIM**: 24 min, grades K-4: This program is based upon the book by Barbara Cohen. Molly, a young Russian-Jewish emigrant, learns about the first Thanksgiving while teaching her classmates about modern day pilgrims.

- **SQUANTO AND THE FIRST THANKSGIVING**: DVD: After being captured from his beloved Pawtuxet tribe, Squanto is taken to Spain where he is sold into slavery. Years later, Squanto regains his freedom and embarks on a miraculous journey back to his homeland, where he teaches the Pilgrims how to survive the difficult early years in the Plymouth colony, culminating in the first Thanksgiving celebration.

- **STORIES FOR THANKSGIVING**: DVD, 34 min: Includes 2 stories: Giving Thanks: A Native American Good Morning Message (8 min): Known as the Thanksgiving Address, this Native American good morning message is based on the belief that the natural world is a precious and rare gift- from the moon and the stars to the tiniest blade of grass. Narrated by Chief Jake Swamp in both English and the Mohawk language. The Pilgrims of Plimoth (26 min): The arrival of the Pilgrims in the new world is chronicled in this dramatic re-enactment of their daily activities during those first trying years in the colony they called Plimoth.

- **THANKSGIVING** (Holidays for Children Series): 25 min, grades K-4: Thanksgiving is a time to remember how much we depend on and are thankful for the earth’s bounty. In this video about the traditional American harvest holiday, visit Plimouth Plantation and discover how and why the first Thanksgiving meal came to be. Nanticoke tribe dancers recreate the sense of excitement and wonder the Pilgrims must have felt upon the first meeting the Native Americans, and children learn an Abnaki tribe myth on the origin of corn that teaches about sharing resources. Creativity and imagination are further stimulated as children learn to make miniature Mayflower boats from walnut shells.

- **THANKSGIVING DAY**: 5 min, grades K-3: This video offers a clear introduction to the origins, traditions and customs associated with celebrating the Thanksgiving holiday.

- **THANKSGIVING STORIES**: 40 min: Thanksgiving is a holiday with many special meanings-what does it make you think of? Meet a Native American grandmother and see how her memories bring new value to the holiday. Relive the story of the first Thanksgiving, join a young turkey on his adventures, and see how a king teaches his people to be thankful. This four-part program includes: Grandmother White Loon Feather’s Thanksgiving, A Pilgrim First, Thanksgiving, and King of the Greedy.

VALENTINE’S DAY

- **MY FUZZY VALENTINE** (WordWorld Series): DVD, 60 min: Includes two Valentine’s Day stories: My Fuzzy Valentine: When Sheep decides she wants to make a special Valentine song for her pal Bear, she runs into trouble finding just the right rhyme to finish her song. With the help of Fly, she discovers the perfect rhyme and makes Bear a Valentine song with real heart. The Love Bug: Bug wants to sign a Valentine for his favorite
WordFriend, but he doesn’t know how to write his name. With lots of encouragement from Frog he learns that with a little practice he can write his name.

- **VALENTINE’S DAY** (Holidays for Children Series): 25 min, grades K-4: From cupid to heart-shaped candy and cards, Valentine’s Day is the day for sharing tokens of caring and affection. This video explores the history behind Valentine’s Day and explains why certain traditions are associated with love and the rebirth of spring. Modern ballet dancers show how their art is used to portray different emotions and children learn how to make a floral heart centerpiece to give to someone special.