

DEWEY DECIMAL CLASSIFICATION

500 Natural Sciences & Mathematics

Pure Sciences 500-500.2

Science 520-523

Seasons 525-525.5

Time 526-529

Physics 530-531

Sound and Light 524-535

Heat 536-536

Electricity and Magnetism 537-538

Nuclear Energy 539-539.7

Chemistry and Allied Sciences 544-544

Rocks, Minerals and Fossils 549-549

Sciences of Earth and Other Worlds 550-551

Gems, Metals and Minerals 552-552

Water 553-553.7

Paleontology, Fossils, Prehistoric Animals 560-568

Life Sciences 570-578

Botanical Sciences 381-583

Living Organisms 584-589

Zoological Sciences 590-599

Human Body, Drugs, Disease, Wellness 611-628

Flight and Space Travel 629-629.4

NOTE: Search this page by clicking the Adobe Acrobat Reader binocular icon, typing the word in "Find What" box and clicking Find. Click the binocular-with-arrow icon to continue locating the word further down the page.

VHS FILMS & LVD (Laser Video Disc)

PURE SCIENCES

- 500 **HOW GOOD IS SOVIET SCIENCE?** - Coronet - 58 min. H
 Subject Area: Science
 In the Soviet Union, where scientific and technical training is given unparalleled emphasis, a personal computer is almost impossible to get. It is a paradox of poverty among plenty.
- 500 **MACMILLAN ALMANAC FOR KIDS** – Caravatt – 60 min.
 Visual experiences that bring science, nature, and art t life on the home video screen. Learn about faces, string figures, journey into space, kites, secret language, soap bubbles, volcanoes, and body talk. (1985)
- 500 **STRANGE NEW SCIENCE OF CHAOS** - Coronet - 60 min H
 Subject Area: Scientific Achievement
 NOVA explores a revolutionary new science that is learning how to analyze, and derive benefits from a universe of chaos.
- 500 **TOP GUN AND BEYOND** - Coronet - 58 min. H
 Subject Area: Science
 NOVA looks at how fighter planes have evolved and how today's pilots have adapted to the often untenable physical demands of excessive g-forces.
- 500.15 **SCHOOLHOUSE ROCK** (Science Rock) 32 min. P-I (1987)
 Catchy songs and sketches to make science fun
- 500.15 **SCIENTIFIC METHOD** - Barr - 23 min. J-H
 Subject Area: Science
 Blending a touch of humor with interesting demonstrations, this entertaining film illustrates for students the scientific method's three main components - observing, hypothesizing, and testing.
- 500.15 **WHAT IS SCIENCE?** - EBC - 8 min. I (1989)
 Subject Area: Science (2 copies)
 This video offers students a structure for organizing their observations and guides them through two experiences that demonstrate how to answer a question scientifically.

MATH

- 510 **ADDITION** - Journal - 13 min. P (1987)
 Reinforce basic math principals in primary level classroom.

- 510 **BANANA FEVER** - EBC - 11 min. P-I (1975)
Subject Area: Math, Short Division
- 510 **BOX IT/BAG IT**
Short division of whole numbers
- 510 **CHARTS, GRAPHS, AND DIAGRAMS** – 100% Educational
Videos 17 min. P-I
Teaches students different types of graphs Charts, and diagrams and how to use them.
- 510 **DECIMALS: WHAT'S THE POINT** - Disney - 15 min. I
Subject Area: Math
- 510 **DIVISION** - Journal - 13 min. P (1987)
Subject Area: Math
- 510 **DONALD IN MATHMAGIC LAND** - Disney - 27 min.
Presents interrelated concepts of geometry in two and three dimensions and application of fractions in measurement. Gives understanding of solving math problems.
- 510 **FRACTIONS** - Journal - 13 min. P (1987)
Subject Area: Math
- 510 **LEARNING ABOUT NUMBERS** - CTW - 30 min. – P (1986)
Through music, animation and comedy, children are shown how to recite and recognize numbers.
- 510 **MATH FOR PRIMARY SERIES: MULTIPLICATION** – Aims 7 min. - P
- 510 **MATHEMATICS FOR PRIMARY** - AIMS
LVD
Side 1: Addition
Side 2: Subtraction
Side 3: Multiplication
Side 4: Division
- 510 **MULTIPLICATION** - Journal - 14 min. P (1987)
Subject Area: Math
- 510 **MULTIPLICATION ROCK** – School House Rock - 30 min.
Learning multiplication tables is easy when you sing along with Multiplication Rock.
- 510 **NUMBERS ALL AROUND US** - Journal - 12 min. P
Subject Area: Beginning Math (1987)
- 510 **SUBTRACTION** - Journal - 13 min. P (1987)
Subject Area: Math - Subtraction
- 511.32 **DISNEY'S COUNTDOWN** - Disney - 12 min. P
Subject Area: Math
The film uses entertaining animation, and the most popular and well-loved characters to stimulate students' interest in numbers.
- 513 **CLIFFORD'S FUN WITH NUMBERS** – Scholastic 30 min. - P
- 513 **CLIFFORD'S FUN WITH OPPOSITES** - Scholastic 30 min. - P
- 513 **CLIFFORD'S FUN WITH SHAPES** - Scholastic 30 min. - P
- 513 **LEARNING TO ADD AND SUBTRACT** – CTW 30 min. P (1987)

SCIENCE

- 520 **BEYOND THE MOON** (Rev.) - BFA - 10 min. I-J-H
Subject Area: Science, Astronomy
- 520 **A PLACE OF DREAMS: The National Air & Space Museum**
LCA - 36 min. J-H
Subject Area: Scientific Achievement
Cliff Robertson conducts an exciting film tour through Washington, D.C.'s spectacular museum dedicated to the men and women who made air and space flight possible.
- 520 **SCIENCE & TECHNOLOGY VIDEO MAGAZINE - Vol. 1** - EBC I-J-H - 9 Editions (1989)
Each edition contains a 30-minute segment on Life Science, Physical Science, Earth Science & Technology.
- 520 **SCIENCE & TECHNOLOGY VIDEO MAGAZINE - Vol. 2** - EBC I-J-H - 9 Editions. (1989)
Each edition contains a 30-minute segment on Life Science, Physical Science, Earth Science & Technology.
- 523 **DINOSAURS & ASTEROIDS: JUPITER & OTHER PLANETS** - EBC - 14 min. I-J-H (1987)
Subject Area: Space, Comets
Time and space are interwoven in the patterns of the universe. This film explains the asteroid impact theory of dinosaur extinction, and defines the asteroid belt.
- 523 **WHAT IS AN ECLIPSE?** - BFA - 11 min. I-J-S
Subject Area: Astronomy, Space
Using animation & three-dimensional models, the film illustrates how the motion of the moon around the earth causes both solar & lunar eclipses.
- 523.2 **BEYOND OUR SOLAR SYSTEM** (2nd Ed) - Coronet – 13 min J-H
Subject Area: Science
Narrated by an astronomer at the Adler Planetarium in Chicago, this imaginary galactic trip introduces and examines the various components of our universe - stars, novae, nebulae, pulsars, quasars, and galaxies.
- 523.2 **CLOSE UP ON THE PLANETS** - Disney - 20 min I-J-H (1983)
Subject Area: Science
This film provides a first hand look at the planets of our solar system.
- 523.2 **EXPLORING OUR SOLAR SYSTEM** - Aims - 15 min. I-J
- 523.2 **EXPLORING OUR SOLAR SYSTEM** - NGS - 22 min. P-I (1991)
Subject area: Science
- 523.2 **GALILEO: THE SOLAR SYSTEM** - Barr - 24 min. P-I
Subject Area: Earth & Space Science
A fascinating, animated look at Galileo and his research on the solar system.
- 523.2 **GALILEO: THE SOLAR SYSTEM** – Barr LVD
- 523.2 **SOLAR ENERGY** – Science in Action – 18 min.
Demonstrates how the power of the sun is captured and controlled to serve many important and efficient uses.
- 523.2 **SOLAR SYSTEM: AN INTRODUCTION** - BFA - 12 min. I-J (1991)
Subject Area: Science
- 523.2 **SOLAR SYSTEM** (2nd Ed) - Coronet - 19 min. I (1982)
Subject Area: Science
Telescopic and space probe photographs serve as visual background for an examination of the physical characteristics, orbits, periods of rotation and revolution, and recently discovered facts of each planet.
- 523.2 **SOLAR SYSTEM**, Rev. - EBC - 20 min. J-H

Subject Area: Science

Describes each of the planets and its moons, focusing on the atmosphere and geology.

- 523.2 **SOLAR SYSTEM "A FIRST LOOK"** – 100% Educational Videos – 15 min. P-I
Gives a detailed look into the components of our solar system.
- 523.2 **SOLAR SYSTEM** - Natl. Geog - 20 min. J-H (1982)
Subject Area: Science
Students explore the planets and some of the other bodies of the solar system.
- 523.2 **SPACE, EARTH AND ATMOSPHERE** - Prism Ent. - 30 min. All Ages (1987)
Presents and answers questions about space.
- 523.2 **WHERE DO LOST BALLOONS GO?** - Coronet - 9 min. P
Subject Area: Science
Wondercat loses his balloon & gains an introductory understanding of the behavior of the invisible gas we call air - how it moves in & out of things, how it pushes on things & moves them, and how it behaves when things move through it.
- 523.3 **THE MOON: A GIANT STEP IN GEOLOGY** - EBC - 24 min. J-H (1975)
Subject Area: Science, Astronomy
Documentation of the first lunar landing and rock samples brought back by astronauts has unlocked many mysteries of moon geology.
- 523.3 **ORIGIN OF THE MOON** - BFA - 5 min. I-J
Subject Area: Astronomy
Our earth & its moon may have begun about five billion years ago in a cloud of cold gases. Whirling and concentrating, the gases formed into our solar system.
- 523.3 **REFLECTING ON THE MOON** - NGS - 15 min. P-I
Subject Area: Science (1982)
- 523.3 **WHY DOESN'T GRASS GROW ON THE MOON?** - Coronet 11 min. – P
Subject Area: Science
Through an exciting series of observations and conclusions, Wondercat begins to understand why grass doesn't grow on the moon.
- 523.4 **ADVENTURES IN SPACE: Space Probes & Starships** - Aims - 30 min. - H
NASA footage from the "Voyager" and "Mariner" space probes, all the planets are described.
- 523.4 **ASTEROIDS, COMETS, METEORITES** (Rev) - BFA 10 min. I-J (2 Copies)
Subject Area: Science
Shows how astronomers have learned about these objects traveling around the sun, what each group looks like and the place of each in the solar system. A short history of Halley's Comet is included.
- 523.4 **COMET** - Barr - 12 min. I-J-H (1987)
Subject Area: Space Science
Using spectacular and realistic animation, COMET describes the general phenomena of comets and their place in the solar system.
- 523.4 **COMETS, METEORS & ASTEROIDS** (2nd Ed.) – Coronet 14 min. I-J-H
Subject: Science
Telescopic studies, space probes and computer animation give us a fascinating view of the travelers between the planets that takes us from the Antarctic where meteorites preserved by polar ice are being discovered to a space probe rendezvous with Halley's comet in its most recent passage.
- 523.4 **PLANETS** (2nd Ed) - Coronet - 24 min. I-J-SH

The dust storms of Mars, the dense atmosphere of cloud-enshrouded Venus, the violent winds on the ringed gas giants Jupiter, Saturn and Uranus, as well as distant Neptune are here for us to see as never before.

- 523.4 **PLANETS IN ORBIT: THE LAWS OF KEPLER** - EBC 10 min J-H
Subject Area: Science Astronomy
This film traces a brief history of man's earliest observation and beliefs about the universe and then goes on to show how Johann Kepler made three discoveries that revolutionized astronomy.
- 523.4 **OUR SUN AND ITS PLANETS** (2nd Ed) - Coronet 16 min P
Subject Area: Science
An imaginary journey through space, using NASA footage and realistically dramatic animation, allows viewers to fly by the four inner planets, pass through the asteroid belt, and travel to the outer planets.
- 523.8 **THE NIGHT SKY** - EBC - 11 min. P-I
Subject Area: Science
Indicates the tremendous variety of objects in space. Shows our ideas of the composition of those objects.
- 523.8 **SPACE: PATH TO THE FUTURE** - Disney - 28 min. I-J-H
Subject Area: Science, Astronomy
Reviews the past twenty-five years of space exploration both in the United States and in the Soviet Union, and poses questions about its potential in the future.
- 523.8 **STARS: A FIRST FILM** - BFA - 13 min. P-I (1982)
Subject Area: Astronomy
We have learned much about our galaxy by studying the constellations, the colors of stars, the distances of the stars from us, and what the stars are made of.
- 523.8 **STARS AND CONSELLATIONS** - NGS - 23 min. I-J (1993)
Shakeiah and Carmen reflect on the mysteries of stars and constellations. They recall lessons learned, a field trip to an observatory and a lecture by an astronomer.
- 523.8 **UNIVERSE** - MIT - 27 min. I-J-H
Subject Area: Science
Provides the student with an overview of the creation, relationships, and ultimate destruction of galaxies as modern science understands them.
- 523.8 **WHAT IS THE BRIGHTEST STAR?** Coronet - 11 min. P
Subject Area: Science

SEASONS

- 525 **ANIMAL ANTICS – WINTER** – 50 Min. P-J (1998)
Its getting cold outside, and many of the animals are preparing for winter.
- 525 **ANIMAL ANTICS – AUTUMN** – 50 Min. P-J (1998)
Like magic, the leaves are starting to turn brown; and the race is on to prepare for cold weather days.
- 525 **ANIMAL ANTICS – SUMMER** – 50 min. P-J (1998)
The days are hotter and brighter than ever, and whether you're soaking up the sunshine or snoozing in the shade, you just can't go wring. It must be Summer!
- 525 **ANIMAL ANTICS – SPRING** – 50 Min. P-J (1998)
The days are getting longer, the weather is getting warmer, and there's excitement in the air. That could only mean one thing: It's Spring!
- 525 **AUTUMN** - Coronet - 11 min. P

Subject Area: Seasons

- 525 **AUTUMN** (Four Seasons Series) - Natl Geog. - 15 min P-I
Subject Area: Seasons
Autumn evokes a variety of images: flocks of migrating birds, animals searching for last morsels of food, and trees ablaze in shades of red, yellow, and orange.
- 525 **AUTUMN COMES TO THE FOREST** - Coronet - 11 min P-I
Subject Area: Life Science
Shows leaves, nuts and fruits falling from trees. Shows animals gathering food, storing it in the ground, in trees and in their own bodies.
- 525 **CHILDREN IN AUTUMN** (2nd Ed) - EBC - 12 min. P
Subject Area: Seasons (1985)
What awaits children in autumn? A chance to observe changes in the plants, animals, and weather - the entire world - around them.
- 525 **THE FOUR SEASONS** - Aims - 14 min. All ages
Subject Area: Music Appreciation/non-narrated
- 525 **MAGICAL MOTHER NATURE: THE FOUR SEASONS** – Rainbow (KAW) - 18 min. P
Subject Area: Seasons
- 525 **THE FOUR SEASONS** – 100% Educational Videos – 15 min. I-H
Subject Area: Seasons
- 525 **SEASONS** – Educational Activities – 40 min. P
An innovative video program that uses riddles, songs, and poems to acquaint children with each of the four seasons. Kit includes a teacher's guide, puzzles, games, and a video.
- 525 **SPRING** - Coronet - 10 min. P
Subject Area: Seasons
- 525 **SPRING** (Four Seasons Series) - Natl Geog. - 15 min P-I (1983)
Subject Area: Seasons
The film illustrates the ways in which plants and animals change with the arrival of spring.
- 525 **SPRING COMES TO THE FOREST** - Coronet - 10 min P-I
Subject Area: Seasons
Life beginning again in the forest is captured in this visually exciting film. By compressing time, it records the growth processes occurring in nature throughout the spring months.
- 525 **SUMMER** - Coronet - 12 min. P-I
- 525 **SUMMER** (Four Seasons Series) - Natl Geog. - 13 min P-I (1983)
Subject Area: Seasons
Hot sun, long, lazy days, and sudden thunderstorms - that, is summer, summer's heat, light, and rain are vital to the growth of animals and plants.
- 525 **WINTER** - Coronet - 11 min. - P-I
- 525 **WINTER** (Four Seasons Series) - Natl. Geog. 16 min P-I (1983)
Subject Area: Seasons
Snow blankets the ground, and the forest is silent. Winter is the season that most severely tests animals.
- 525 **WINTER COMES TO THE FOREST** - Coronet - 11 min. P
Subject Area: Seasons
Provides an overview of the change that take place in the forest from fall to spring.
- 525.5 **WINNIE THE POOH & THE BLUSTERY DAY** – Disney 25 min. P (1985)
Subject Area: Seasons

A wind sweeps through the Hundred Acre Wood, toppling Owl's tree home and making everyone, especially Pooh, very uneasy.

- 525.5 **WINNIE THE POOH DISCOVERS THE SEASONS** – Disney 9 min. P- (1983)
Subject Area: Science, Language Arts
The film's lively format covers animal behavior, hibernation, temperature and weather patterns.

TIME

- 529 **REFLECTIONS ON TIME** - EBC - 22 min. I-J-H (1970)
Subject Area: Earth Science, Geology
There are many ways to consider time. This film suggests three basic approaches to the concept: subjective, objective, and geological.
- 529 **STORY OF MEASURING TIME** - Coronet - 10 min I-J-H (1983) Subject area: Mathematics, Time
The narrator of this delightful animated adventure is a time machine that takes us from prehistoric times to the present to describe and explain the use of time-keeping devices from the sundial to the atomic clock.
- 529 **TIC TOC TIME CLOCK** - BFA - 12 min. - P-I
Subject Area: Math, Social Studies Skills
"And here they come now folks" - the coach introduces his team of student players, THE HOURS, as they scramble into the gym for a workout.
- 529 **TIME: HOW WE MEASURE IT** - Barr - 24 min. - I-J
Subject Area: Physical Science
An animated look back in time at the development of time and the methods used to measure it.
- 529 **TIME TO TELL TIME** - BARR - 16 Min. - P
Subject Area: Telling Time
Everett the cuckoo bird had a real problem...he couldn't tell time.
- 529.3 **CALENDAR: DAYS, WEEKS, MONTHS**, 2nd Ed - CORONET 12 min - P (1983)
Subject Area: Math/Language Arts
We learn how to use calendars to find today's date, holidays and other special days. Animated.
- 529.3 **LEARNING TO USE A CALENDAR** – 100% Educ. Videos 17 min. I-H
Subject Area: Calendar
Help students understand the components of a year (days, weeks, and months), and will teach them how calendars are used to measure these components.
- 529.7 **SUPERSENSE: SENSE OF TIMING** - CORONET - 30 min H
Subject Area: Life science
Some varieties of birds, fish & crabs lay their eggs on virtually the same day every year. Can all such coincidences be accidental? No, indeed not!

PHYSICS

- 530 **NEWTON: THE MIND THAT FOUND THE FUTURE** - LCD 21 min. - H
Subject Area: Science/Humanities/History
This film dramatizes the career of Isaac Newton, & highlights the discoveries that revolutionized science in the 17th century & are the basis for scientific work in our century, including the space program.
- 530.1 **COLOR & LIGHT** – Science In Action – 18 min. P-J
Explore the origins of color, basis of primary colors and perceptions of objects around us.
- 530.1 **EVERYTHING IS SOMETHING** - JOURNAL - 13 min. - P-I
Subject Area: Matter
There are three basic forms in which most materials are found-solid, liquid, gas.

- 530.1 **HOW ABOUT ATOMS AND MOLECULES** – Educ. Video Net.
2 tape set – 26 min. total time
- 530.1 **HOW MATERIALS CHANGE** (Matter, Matter Everywhere Series)- CORONET - 12 Min. P-I
Subject Area: Physics, Matter
What happens when we saw wood, dissolve sugar, burn wax, mix plaster, heat dough, bleach fabric, or pour water on iron. Explores basic concepts of physical and chemical change.
- 530.1 **LEARNING ABOUT LIQUIDS, SOLIDS & GASES** - AIMS - 11 min. P-I
Subject Area: Physical Science
A group of children and an adult demonstrate through a series of common experiences the basic properties of three states of matter (solid, liquid, gas) & how these states are directly related to the kinetic-molecular theory of matter.
- 530.1 **LENSES & MIRRORS** – Science in Action – 18 min. P-J
Defines different types of lenses and mirrors and the ways light is refracted and reflected from lighthouses to telescopes.
- 530.1 **MATTER SOLIDS, LIQUIDS, AND GASES** – 100% Educ. Videos – 13.30 min. I-H
Subject Area: Science
What is matter? Students will be intrigued by the universally relevant information presented in this video.
- 530.1 **MATTER INTO ENERGY** - CORONET - 10 min I
- 530.1 **MATTER IS EVERYTHING** - BARR - 12 min P-I-H
Subject Area: Physical Science
Emphasis is placed on the idea that matter is structured of particles in motion and that science is both a process of investigation and a store of knowledge.
- 530.1 **SOLIDS, LIQUIDS, GAS** (Matter, Matter Everywhere Series) CORONET - 12 min P-I
Subject Area: Science
The film shows ways of defining matter; differences between solids, liquids, and gases; and how the state of matter can change.
- 530.1 **SOLID, LIQUID, GAS** - NATL GEOG. - 15 min - P
Subject Area: Science
All materials, both living & nonliving, are matter. This film introduces students to these three forms of matter, teaching them that all matter takes up space and, on earth, has weight.
- 530.4 **EVIDENCE FOR THE ATOMIC-MOLECULAR THEORY** – EBC 16 min I-J (1982)
Subject Area: Physical Science
The basic premise of the Atomic-Molecular Theory is that all matter is composed of tiny, fast-moving particles called atoms and molecules.
- 530.4 **FUSION: THE ULTIMATE FIRE** - BFA - 14 min J-H
Subject Area: Science
Nearly all our energy needs are satisfied by fire, but the fuels that feed these fires are nearly exhausted. One source promises almost unlimited energy for the future - the energy produced by nuclear fusion.
- 530.4 **MEASURING IN ASTRONOMY: HOW BIG, HOW FAR** - BFA 11 min. I-J-H
Subject Area: Space
2,000 years ago, Eratosthenes was able to measure the size of the earth by using his knowledge of geometry.
- 530.4 **WHY DON'T I FALL UP?** (Wonder World of Science Series) - CORONET - 10 min P-I
Subject Area: Science
A fall from tree initiates Wondercat's investigation of why things fall down instead of up. He learns how gravity pulls things down, and discovers, with the help of an obliging little bird, that an object's weight measures this pull.

- 530.8 **MEASURING IS IMPORTANT** - BARR - 20 min. P-I-J
 Subject Area: Science & Math
 Describes the units of measurement & their definitions: length, weight, volume, time, and temperature.
- 531.6/ **BILL NYE THE SCIENCE GUY: THE SUN/THE PLANETS** - 523.4 DISNEY - P-I - 52 MIN.
 Bill sheds light on solar flares, eclipses, sun spots, fusion and solar energy. In the second half of the film, Bill gets up close and personal with each of the solar system's planets and moons.
- 531.6 **ENERGY: A FIRST FILM** - BFA - 8 min I-J
 Subject Area: Physical Science
 There are many forms of energy. Heat, light, electricity, and chemical energy are forms of energy.
- 531.6 **ENERGY, Part I: An International Crisis** – AIMS 12 min. I-J-H
 Illustrates the history of energy use and discusses ways to conserve our dwindling source of energy.
- 531.6 **ENERGY, Part II: Innovative Alternatives** – Aims 17 min. JH-HS
 Scientists have been exploring methods to make our present use of oil more efficient. As well as ways to develop additional sources.
- 531.6 **ENERGY: A NATIONAL ISSUE** - AIMS - 27 min J-H
 To explain the causes of a dwindling energy supply, to suggest problems it can cause, and to alert viewers to the need for more efficient energy use.
- 531.6 **ENERGY FROM THE SUN**, 2nd Ed - EBEC - 18 min. J-H (1982)
 Subject Area: Earth Science
 Presents an easy-to-understand introduction to the new and complex field of solar energy technology.
- 531.6 **ENERGY SAVERS, THE** - DISNEY - 9 min P-I (1983)
 Subject Area: Science
 Donald, Mickey & Goofy team up to teach simple and effective ways to save energy (and money) every day.
- 531.6 **LASERS: BRIGHTER THAN THE SUN** - New Dimension Media - J-H - 29 min.
 Looks at the special nature of laser light and its myriad uses in the areas of medicine, art, engineering, communications and the military.
- 531.6 **SUN POWER** - BARR - 13 min I-J
 Subject Area: Energy/Ecology
 An animated film about solar energy - what it is and what it can do for us.
- 531.6 **WHAT ENERGY MEANS** - NATL GEOG. 15 min. P-I (1988)
 Subject: Science
 A young student learns about the various forms of energy, from chemical energy to light energy. He also discovers that one form of energy can be converted to another; the difference between fuel and energy; and the need to conserve fuels.
- 531.8 **INCLINED PLANES**, 2nd Ed. - (Simple Machine Series) CORONET - 12 min I-J (1982)
 Subject Area: Science
 If you lived in prehistoric times and were animated besides, you might find that inventing the inclined plane would make work a lot easier for you.
- 531.8 **PUSH AND PULL: SIMPLE MACHINES AT WORK** - Rainbow/Nystrom 22 min. I-J
 Subject Area: Science
 Identifies the six types of simple machines.
- 531.8 **SIMPLE MACHINES: INCLINED PLANES & LEVELS** (3rd Ed.) - EBEC - 17 min. - I-J (1982)
 Subject Area: Science
 The concept of how machines help us to work.

- 531.8 **USING SIMPLE MACHINES** - DISNEY - 13 min P-I (1988)
 Subject Area: Science
 This film illustrates various kinds of simple machines (levers, pulleys, inclined planes), describes their functions, and shows their practical uses in the context of daily life.
- 531.8 **WHEELS AND AXLES** (2nd Ed) - (Simple Machine Series) - CORONET - 12 min I-J
 Subject Area: Science
 Once you've seen wheels and axles in all sorts of devices, you'd understand how the exchange between force and distance can help make work easier
- 531.8 **WORKING TOGETHER** (Simple Machine Series) - CORONET 14 min I-J (2 Copies)
 Subject Area: Science
 Suppose you were an inventor in prehistoric times, fully animated of course, and you built machines to help you do work. The more you made, the more you'd find yourself using certain mechanical parts over and over again - the lever, pulley, inclined plane and the wheel and axle.

SOUND AND LIGHT

- 534 **LEARNING ABOUT SOUND** (2nd Ed) - EBEC - 17 min I-J
 Subject Area: Science (1974)
 Investigates the physical properties of sound. An oscilloscope visualizes the frequency and amplitude of sound waves.
- 534 **SOUND** (SCIENCE ESSENTIALS SERIES) (4 tapes and TG)- EBEC 8 min I - J
 1. What is Sound?
 2. Uses of sound?
 3. How does sound travel?
 4. What makes sound different?
- 534 **SOUND, ENERGY AND WAVE MOTION** – CORONET 14 min I-J-H
 Subject Area: Science
 A jazz trio playing in an open field leads us to some important concepts about sound.
- 534 **SUPERSENSE: SOUND SENSE** - CORONET - 30 min H
 Subject Areas: Science
 If asked about hearing differences among living things, many people might know that dogs can detect much higher sounds than humans can. This film presents a representative and most striking variety of such abilities.
- 535 **LEARNING ABOUT LIGHT** (2nd Ed) - EBEC - 15 min I-J
 Subject Area: Physical Science (1976)
 This film has been divided into four related sections of light - The Nature of Light, Refraction, Color, and Light Sources.
- 535 **LEARNING ABOUT LIGHT** - AIMS - 12 min P-I
 Subject Area: Science
 Explains that lights are the result of something burning—solar gases, wood, oil, or natural gas.
- 535 **LIGHT ALL ABOUT US** (2nd Ed) - CORONET - 10 min P-I
 Subject Area: Science
 Colored lights dancing to the rhythm of music, fiber optics sculpture, city lights at night—these are some of the creative applications of light used to stimulate youngsters to explore lighting effects.
- 535 **LIGHT AND IMAGES** - CORONET - 10 min I-J-H
 Subject Area: Physical Science
 We investigate the nature of light and its behavior in terms of reflection, refraction and absorption, and how images are produced in cameras and eyes.
- 535 **LIGHT SCIENCE: YOU CAN DO IT** - BEE - 13 min I-J
 This film offers young viewers an opportunity to explore and learn about the properties of light through hands-on experimentation.

HEAT

- 536 **HEAT (SCIENCE ESSENTIALS SERIES) (4 Tapes and TG)** EBEC - 8 min - I-J
1. What Is Heat?
2. How does Heat Travel?
3. How does Heat Change Material?
4. The Sources and Uses of Heat
- 536 **HEAT AND ENERGY TRANSFER - CORONET - 15 min I-J-H**
Subject Area: Physical Science
From outer space to the earth's core, all things in our universe-living and non-living-are affected by energy transformations that generate heat, and transfers of heat energy from one place to another, by conduction, convection, and radiation.
- 536 **LEARNING ABOUT HEAT (REV) - EBEC - 14 min I-J**
Subject Area: Physical Science
Explains that heat is energy. Demonstrates how heat travels through solids, liquids, and gases.

ELECTRICITY AND MAGNETISM

- 537 **ELECTRICITY - DISNEY - 13 min - P (1984)**
Subject Area: Science
Live action, animated diagrams, working models and photographs of actual application are combined with to answer three basic questions: Where does electricity come from? How does it work? How does it get to me?
- 537 **ELECTRICITY ALL ABOUT US (2nd Ed) - CORONET - 12 min. P-I (1984)**
Subject Area: Science
We use electricity to produce light, heat, things and move things.
- 537 **LEARNING ABOUT ELECTRIC CURRENT (2nd Ed) - EBEC - 15 min I-J**
Subject Area: Science
Introduces students to some of the basic principles of electricity.
- 537 **LEARNING ABOUT ELECTRICITY - AIMS - 16 Min. I-J (1988)**
Live action demonstrations and experiments performed by kids, animated diagrams, and examples from everyday life illustrate the nature of electricity.
- 538 **ELECTRICITY AND MAGNETISM - CORONET - 15 min I-J-H**
Subject Area: Science
Many of the devices that power our technological society depend on a relationship between motion and two basic properties of matter: electricity and magnetism.
- 538 **LEARNING ABOUT MAGNETISM (2nd Ed) - EBEC - 14 min I-J (1975)**
Subject Area: Science
Magnetism, its mysteries and its practical applications are clearly explored.
- 538 **MAGNETS! THE DRAGONS SECRET - EBEC - 13 min.- P**
Subject Area: Science
Children learn what magnets are, how they are made, how they work, and the many uses of magnets.
- 538 **MAGNETS! MAGNETS! - BARR - 12 Min. - P**
Subject Area: Primary Science
Magnets are fun and useful! This film is a basic introduction to magnets and explains many facts about them.

NUCLEAR ENERGY

- 539.75 **LEARNING ABOUT NUCLEAR ENERGY** - EBEC - 15 Min. I-J-H
Subject Area: Physical Science
Studies the structure of the atom. Explains the difference between nuclear energy and chemical energy.
- 539.76 **ATOM: A CLOSER LOOK** - DISNEY - 30 Min. I-J-H
Subject Area: Science, Nuclear Energy
Introduces the basic physics of the atom, presents the history of atomic research, and explains the basic structure of nuclear power plants.

CHEMISTRY & ALLIED SCIENCES

- 544.5 **DIFFUSION AND OSMOSIS** (2nd Ed) - EBEC - 14 min I-J-H (1973)
Subject Area: Plant Life
Diffusion refers to the random movement of molecules by which matter is transported. This film is a study of diffusion as it takes place in living cells.

ROCKS, MINERALS AND FOSSILS

- 549 **MINERALS AND ROCKS** (2nd Ed) - EBEC - 16 Min. I-J-H
Subject Area: Earth Science (1979)
The tiny crystalline substances called minerals from which rock is composed provide an endless and fascinating field of study.
- 549 **THE ROCK CYCLE** - EBEC - 22 min - I-J-H (1982)
Subject Area: Earth Sciences/Geology
The film identifies the major types of rocks, and describes how they are affected by erosion, weathering, heat, and pressure.
- 549 **ROCKS AND MINERALS** (JUNIOR GEOLOGIST) – UNITED LEARNING - 8 min - P-I (1993)
Subject Area: Earth Science
This video encourages students to collect their own specimens.
- 549 **ROCKS & MINERALS** – SCIENCE IN ACTION (VOL. 5) - 18 min.
Illustrates the 3 basic rock formations (sedimentary, igneous, metamorphic) the rock cycle, and how rocks and minerals are used in our daily lives.
- 549 **ROCKS AND MINERALS** (Understanding Our Earth Series) (REV) - CORONET - 11 min - I-J
Subject Area: Earth Science
A geologist who turned a hobby into a career explains how he uses rocks as clues to find out about the earth.
- 549 **ROCKS, MINERALS AND FOSSILS** - BARR - 17 min P-I-J (1987)
Subject Area: Earth Science
An explanation of the classification of rocks to include igneous, sedimentary and metamorphic rock.
- 549 **SEDIMENTARY ROCK** - CORONET 12 min - I-J-H
Subject Area: Earth science
Over time, particles of sand, shell and mud settle in layers and harden into sedimentary rock, the most prevalent type of surface rock on earth.
- 549 **WHAT GOOD ARE ROCKS?** - CORONET - 12 min - P-I
Subject Area: Life Science
"Wondercat" uses a magnifying glass to help him compare rocks colors, patterns and textures.
- 549 **WHERE DOES SAND COME FROM** - CORONET - 11 min P-I

Subject Area: Life Science

Movements of sand grains on the beach & in the water lead "Wondercat" to conclusions about how wind & water from beaches and sand dunes, and how they can rob beaches of their sand.

- 549 **WONDER WHY** - COAL - Lucerne Media - 26 min. - P-I
Discusses many uses of coal.

SCIENCES OF EARTH & OTHER WORLDS

- 550 **GEOLOGY: A FIRST FILM** - BFA - 10 min P-I
Subject Area: Science
While viewing very beautiful scenery, young students learn about the forces that change the earth - water, wind, animals, plants, temperature, and the forces beneath the surface.
- 550 **GEOLOGY (SCIENCE ESSENTIALS SERIES) (4 Tapes) 8 min. - EBEC P-I-J**
Subject Area: Science
1. What are the different shapes on the Earth's surface
2. How does water shape the Earth's surface
3. How do living things shape the Earth's surface
4. How does wind shape the Earth's surface
- 551 **BILL NYE THE SCIENCE GUY: EARTH'S CRUST/ROCKS & 549 SOIL** - DISNEY - P-I - 52 Min.
Bill Nye travels to the depths of the earth (literally) to explain how the Earth's surface and its inner mantle differ. In the second part of the film, Bill discusses volcanoes, landslides, tectonic plates, rivers, weather and their varied effects on the creation of rocks and soil.
- 551 **EARTH: CHANGES IN ITS SURFACE** - CORONET - 14 min I-J
Subject Area: Earth Science
Mountains rising, canyons deepening, continents afloat, embedded in huge shifting global plates- these are some of the continuous changes that modify the earth's surface.
- 551 **EARTH SCIENCE: EXPLORING PLANET EARTH** - EBEC 20 min I-J-H
Captures the excitement of our new discoveries about the planet and the intensity of scientists who are changing our concepts about our own brief history. (2 Copies)
- 551 **HOW ITS SURFACE CHANGES (REV) (Understanding Our Earth Series)- CORONET - 11 min I-J (1983)**
Subject Area: Earth Science
Natural forces change the earth; wind and water erode mountains, glaciers carve out valleys, land is built up by rivers and volcanoes and mountain chains are created by the collisions of great plates.
- 551 **HOW WE KNOW THE EARTH MOVES (REV) - BFA - 10 MIN I-J-H (1982)**
Subject Area: Earth Science
How do we know that the earth spins on its axis and that it travels around the sun? The evidence is gathered from the early observations of the movements of constellations.
- 551 **IF YOU COULD SEE THE EARTH (REV) - EBEC - 9 min P-I (1988)**
Subject Area: Earth Science
Satellite footage shows the earth and its continents and oceans. (2 Copies)
- 551 **TELEDETECTION: A NEW LOOK AT THE EARTH** - FILMS FOR HUMANITIES - 29 min - J-H
Subject Area: Ecology
- 551.136 **MOUNTAIN BUILDING IN THE HIMALAYAS (PLATE TECTONICS SERIES) - CORONET - 25 min J-H**
Subject Area: Earth science
Most mountain ranges result from two geologic processes: magnetism at continental margins and crustal uplift after continents collide.
- 551.136 **PLATE TECTONICS** - BARR - 8 min. P-I-J
An illustration of our planet's radical physical changes over the past several hundred million years.

- 551.2 **HEARTBEAT OF A VOLCANO** - EBEC - 21 min I-J-H
 Subject Area: Earth Science/Geology
 Illustrates the measurement of volcano and earthquake activity and changes in the shape of volcanoes. Provides a detailed, close view of a major volcanic eruption.
- 551.2 **LANDFORMS #1** – 100% Educ. Videos – 17 min. I-H
 Subject Area: Earth Science
 What is a landform? From the highest mountain to the lowest valley, landforms decorate the earth.
- 551.2 **VOLCANO! (NOVA SERIES)- CORONET** - 58 min H
 Subject Area: Geology/Ecology
 This program focuses on micro gravity techniques and research that reveals changes in gravity that suggest that the density of magma below the earth is not constant.
- 551.2 **VOLCANOES: EXPLORING THE RESTLESS EARTH** - EBEC - 20 min I-J (1981)
 Subject Area: Earth Science/Geology
 On-location photography and animated drawings illustrate volcanic phenomena in Hawaii, Mexico, Italy and Iceland.
- 551.2 **VOLCANOES: EXPLORING THE RESTLESS EARTH**
 LVD HEARTBEAT OF A VOLCANO
- 551.22 **EARTHQUAKES - FILMS HUMANITIES** - 26 min I-J-H
 Subject Area: Earth Science (1988)
 This program examines the current state of earthquake research.
- 551.22 **EARTHQUAKES** - DISNEY - 15 min I-J
 Subject Area: Science/Ecology
 Three-dimensional computer animation illustrates such geological terms as sea-floor spreading, subduction and collision, and shows how the natural movement of the earth's plates can cause earthquakes.
- 551.22 **EARTHQUAKES: EXPLORING EARTH'S RESTLESS CRUST** - EBEC - 22 min I-J-H (2 Copies) (1983)
 Subject Area: Earth Science
 This investigation into the work of seismologists examines the research being conducted to study earthquake activity, to predict dangerous tremors, and to minimize the damage and loss of life wrought by powerful and frightening geologic events.
- 551.22 **PREDICTABLE DISASTER** - (Nova) - 60 min. I-J-H
 Subject Area: Earthquakes (1988)
 The shaky science of forecasting earthquakes the most devastating natural disasters.
- 551.22 **SAN ANDREAS FAULT** - EBEC - 21 min I-J-H (1974)
 Subject Area: Earth Science/Geology
 Extending more than eleven hundred kilometers, from the Gulf of California north through the San Francisco Bay region, the San Andreas fault is one of the most active geological phenomena known to man.
- 551.22 **WARNING: EARTHQUAKES** - EBEC - 23 min I-J-H
 Subject Area: Earth Science
 Using scenes from Turkey, Chile, Italy, Alaska, and California this film illustrates the destructive power of earthquakes.
- 551.4 **CASTLES OF THE UNDERWORLD** - NEW DIMENSION VIDEO P-I-J-H - 26 Min.
 The principals of cave formations are illustrated. Explains the geological events of the past that have led to the caves of today. Cave life is briefly discussed.
- 551.4 **CITIES OF CORAL** (Nova Series) 60 min. I-J-H
 The spectacular life of the Caribbean coral reef. (1975)
- 551.4 **CORAL REEF** - NGS. - 23 min J-H (1979)

Subject Area: Science

What the inhabitants of the reef are like, how they find or create their homes, and how they depend on one another are topics discussed in this beautifully photographed film.

- 551.4 **500 MILLION YEARS BENEATH THE SEA** (UNDERSEA WORLD OF JACQUES COUSTEAU SERIES) – CHURCHILL 24 min. - I-J-H
Subject Area: Science
In a South Pacific lagoon, Captain Cousteau and his divers discover that 500 million years of life are in jeopardy today because of man's exploitation of the natural resources in the coastal zones
- 551.4 **INVESTIGATING HISTORY: TREASURES FROM THE DEEP** LVD Coronet - All Ages
Side A: Puzzle From the Past
Side B: Solving the Puzzle
- 551.4 **THE LIVING SEAS** (MINNIE'S SCIENCE FIELD TRIP SERIES) - DISNEY - 15 min - P-I (1988)
Subject Area: Science/Oceans
An informative and entertaining look at the oceans and what they can teach us. Minnie Mouse is our hostess for a "guided tour" of Epcot Center's Living Seas Pavilion.
- 551.4 **MYSTERIES OF THE DEEP** - DISNEY - 24 min - I-J-H (1985)
Subject Area: Life Sciences
This film exploration of the lower depths of the sea reveals facts more fantastic than legend - the amazing evolution of life and the underwater struggle for survival.
- 551.4 **OCEAN DYNAMICS: THE WORK OF THE SEA** - EBEC 23 MIN. I-J-H (1981)
Subject Area: Science/Oceanography
Waves - sometimes traveling hundreds of kilometers an hour - are only the most obvious way that oceans affect land.
- 551.4 **PLANTS OF THE SEA** - BFA - 13 min - I-J-H
Subject Area: Oceanography
Much of the energy from the sun is captured in usable form by marine plants.
- 551.4 **RESTLESS SEA** - DISNEY - 35 min - I-J-H
This updated version of a Disney classic adds fascinating facts on global plate tectonics, including information about the beginning of the sea and primal life.
- 551.4 **A SWAMP ECOSYSTEM** - NGS - 23 Min. J-H
A close look at one of the largest freshwater swamps in North America, the Okefenokee.
- 551.4 **WATER PLANET** - VIDEODISCOVERY - J-H
LVD
Features more than 3000 still images and 60 motion sequences that explore marine and aquatic science.
- 551.4 **WETLANDS: WE NEED THEM** - BERLET - 20 Min. - I-J-H
This film shows wetlands as a habitat for many types of plants and animals.
- 551.4 **WORLD BENEATH THE SEA** - AIMS - 23 min. H
Subject: Oceanography
Life beneath the sea through the eyes of a scientist. How sea animals survive the constant dangers of ecology.
- 551.432 **ETERNAL CHANGE: STORY OF A MOUNTAIN** – AIMS 14 min. - I-J-H
Subject: Earth Science, Volcanoes, Glaciers
The evolution and continual changes of Mt. Rainer.
- 551.432 **MOUNTAIN REGION, (U.S. REGIONS)** EBEC 23 Min. – I (1988)
Subject Area: Geography
From the natural wonders of Yellowstone National Park to the electric glitter of Las Vegas, the Mountain Region contains some of the most amazing landscapes in the United States.

- 551.432 **MOUNTAINS: A FIRST FILM** (REV) - BFA - 12 min P-I
 Subject Area: Earth Science
 Introduces the basic causes and effects of erosion and shows how mountain snows and streams help provide our water supply.
- 551.46 **ADAPTATION TO OCEAN ENVIRONMENTS** - BFA - 11 Min. I-J-H
 This film explores the adaptations that are found in animals that live in the open ocean, on the ocean floor, and on the rocky reefs.
- 551.46 **BENEATH THE CARIBBEAN** - AIMS - 23 Min. I-J-H
 A voyage to the Caribbean Sea to learn about many unique marine animals living in this tropical paradise.
- 551.46 **BENEATH THE SOUTH PACIFIC** - AIMS - 25 Min. - I-J-H
 Viewers travel to the tropics to examine the complex ecosystem that develops around a coral reef.
- 551.46 **EXPLORING THE OCEAN** (REV)- CHURCHILL - 14 min - P
 An introduction to a study of the ocean, its plants, animals, mineral content, and its uses to man.
- 551.46 **IT'S OCEANS** (REV) - CORONET - 14 min - I-J-H
 Subject Area: Science
 Oceanographers investigate the fascinating aspects of the oceans.
- 551.46 **LIFE IN THE OCEAN** - BFA - 16 min I-J-H (1982)
 Subject Area: Oceanography
 Illustrates and describes many of the plants and animals of shore, shallow water, and ocean depths, relating them to each other, to their environment, and to similar forms found on land.
- 551.46 **LIFE UNDER THE SEA** - AIMS - 17 min., I-J-H
 Underwater cameras reveal life among the reefs. Hermit crabs, starfish, sea urchins, lobsters, octopi, and moray eels are featured. A special musical score enhances the outstanding photography.
- 551.46 **LIVING REEF, THE** - AIMS - 22 min I-J-H
 Subject Area: Oceanography
 The reef itself, which at first appears to be a rocky up thrusting from the sea floor, is in fact a community of living animals built on the skeletons of corals centuries dead.
- 551.46 **THE OCEAN: A FIRST FILM** - BFA - 11 min P-I (1987)
 Subject Area: Oceanography
 Because it affects weather and climate and is a source of food, the ocean greatly influences all living things, including man.
- 551.46 **OCEANS AND CLIMATES** - CORONET - 24 min H (1989)
 Subject Area: Science
 This revealing program concentrates on the relatively short-term climatic fluctuations, especially El Nino, associated primarily with ocean currents and seasonal conditions.
- 551.46 **OCEANOGRAPHY: INTRODUCTION TO OCEANOGRAPHY** - CORONET - 50 min H (1989)
 Subject Area: Earth Science/Oceanography
 This grand overview provides an exciting introduction to the science of oceanography, its techniques, laboratories and instruments and some of the great puzzling mysteries that are gradually being solved by oceanographers.
- 551.46 **SECRETS OF THE TITANIC** - NGS - 60 min. (1986)
 A legend surrenders her mysterious past. This exclusive, narrated by Martin Sheen, highlights the century's most celebrated underwater expedition.
- 551.47 **WAVES** (OCEANOGRAPHY SERIES) - CORONET - 25 min H
 Subject Area: Science

Waves are concerned with two significant oceanographic issues - how wave energy propagates across oceans, and what happens when waves hit shore and dissipate their energy.

- 551.48 **LAKES, RIVERS & OTHER SOURCES** - Journal - 17 min. J-H
An investigation of the water system reveals the origins of the water, the action of rivers, how lakes die and the forces that create the underground water supply.
- 551.48 **RIVERS: WORK OF RUNNING WATER** - EBEC - 22 min I-J-H (1985)
Subject Area: Oceanography
Shows the progressive stages in the development of streams and rivers along their paths from highland areas to the sea.
- 551.5 **AIR: A FIRST FILM** - BFA - P-I - 12 min.
Although it is all around us, air cannot be seen, but still it is a very important part of the world in which we live.
- 551.5 **WATER AND WEATHER** - CVE - 30 min. - P
Answers questions that have always puzzles children about water and weather.
- 551.5 **WEATHER INSTRUMENTS** - BFA - 12 min I-J
Subject Area: Science
Simple weather instruments illustrate various means of measuring and recording.
- 551.5 **WHAT'S IN A RAINBOW?** (Making Scientific Models) Journal - 12 min. P-I
This film discusses the circumstances that create a rainbow.
- 551.5 **WIND AND WHAT IT DOES** (REV) - EBEC 10 min P
Subject Area: Earth Science (1990)
Wind is moving air, and this film uses experiments to show how heat makes wind.
- 551.552 **STORMS** - DISNEY - 15 min. P-I (1988)
Subject Area: Science
The original graphic animation illustrates causes of lightning, thunder and tornadoes, while satellite views of hurricanes show their swirling winds.
- 551.552 **STORMS: THE RESTLESS ATMOSPHERE** - EBEC - 22 min P-I-J-H
Subject Area: Science
Describes three major storm systems in the atmosphere: thunderstorms, tornadoes, and hurricanes.
- 551.552 **VIOLENT STORMS** - CORONET - 14 min I-J-H
Subject Area: Science
Dark towering thunderheads, a funnel cloud descending to earth minutes after its sighting by Doppler radar, the eye of a hurricane tracked by satellite - these signal the approach of a violent storm.
- 551.576 **CAN I SIT ON A CLOUD?** - CORONET - 9 min P (1988)
Subject Area: Science
In learning how water evaporates, then condenses to form clouds, how clouds can produce rain or snow, Wondercat finds out about change of state and discovers that you can sit on what used to be a cloud when it's frozen.
- 551.576 **CLOUD FORMATION** - BFA - 15 min J-H
Subject Area: Earth Science/Atmosphere
A beautifully filmed Japanese production that includes dramatic time-lapse photography of mountainous cloud formations and introduces a transmitter called a radiosonde, which is sent aloft on a weather balloon and sends signals back to earth about atmospheric conditions.
- 551.576 **CLOUDS: A FIRST FILM** - BFA - 10 min P
Subject Area: Science

Because they bring the water that supports all life on land, clouds are important to man and to all life on earth.

551.576 **CLOUDS ABOVE** (2nd Ed) - BFA - 10 min P-I (1982)

Subject Area: Science

What a cloud is and how it is formed is the central theme of the film.

551.576 **CLOUDS AND PRECIPITATION** (ATMOSPHERIC SCIENCE) - CORONET - 15 min J-H

Subject Area: Science

Satellite, aerial and ground based photography illustrate basic information about cumulus, stratus, and cirrus clouds and show how all these clouds continually appear and vanish into the air.

551.576 **WHAT MAKES CLOUDS** (REV)- EBEC - 15 min - I-J-H

Subject Area: Science (1988)

This video removes the mystery but retains the wonder as it explains cloud formation.

551.578 **ANA IN THE RAINFOREST** - BULLFROG P-I - 11 min. (1992)

In an animated dream Ana takes an imaginary journey to the tropical rainforest to find a remedy for her sick iguana. She learns of the danger the forest faces and is determined to help save the forest.

551.578 **GROUNDWATER** - EBEC - 18 min - J-H (1982)

Subject Area: Earth Science/Geology

Groundwater is an important, and in many states, an essential resource. It is found in a network of reservoirs beneath the earth's surface called aquifers - rocks that transmit and store large amounts of water.

551.578 **RAIN: A FIRST FILM** - BFA - 9 min - P-I

Subject Area: Science

Beautiful visual experiences encourage students to look for interesting patterns in clouds and rain, while learning about the water cycle.

551.578 **RAIN FOREST** - NGS - 60 min. (1983)

Encounters wonders, great and small, in the tropical forests of Costa Rica.

551.578 **WHERE DOES THE RAIN GO AFTER IT FALLS?** (WONDER WORLD OF SCIENCE) - CORONET -

8 Min. - P

Subject Area: Science

Wondercat learns about water running off into rivers and oceans, sinking into the ground, or evaporating into the air to become clouds and to fall as rain again.

551.6 **SPEAKING OF WEATHER** - DISNEY - 8 min - P

Subject Area: Science

This film explains how the sun, water, and air work together to create weather.

551.6 **WATER & THE WEATHER** - STANTON - 11 min. P-I

This film shows the role of water in determining weather, & shows how weather in turn works to provide the Earth with a needed supply of fresh water.

551.6 **WEATHER** - CONCORD - 32 min. P (1987)

Explains how the forced wind interacts to create our weather. A segment on temperature and wind explains why temperatures vary, how wind changes and temperatures are related.

551.6 **WEATHER** (SCIENCE ESSENTIALS) (4 Tapes, 8 min ea) EBEC I

1. What Makes Wind?
2. What Makes Rain?
3. What Makes Clouds?
4. What Makes Weather?

551.6 **WEATHER: AIR IN ACTION** (2ND. EDITION) - AIMS

LVD

Side 1: Temperature, Pressure & Humidity

Side 2: Winds, Fronts and Storms

- 551.6 **WEATHER: COME RAIN, COME SHINE** - NATL. GEOG. 22 min I-J-H (1988)
Subject Area: Science
Students will learn that the makeup and motions of a relatively thin envelope of atmosphere surrounding the earth are responsible for our weather.
- 551.6 **WEATHER SYSTEMS IN MOTION** - CORONET 14 min I-J-H
Subject Area: Science
Winds, spiraling around high and low pressure regions, air masses drifting past each other, high speed jet streams in the upper atmosphere - these are the ingredients that produce weather in the mid-latitudes.
- 551.6 **WHAT MAKES WEATHER?** - EBEC - 14 min I-J (1981)
Subject Area: Earth Science/Meteorology
Describes the relationship between the sun and the atmosphere conditions we know as weather.
- 551.62 **CLIMATES OF NORTH AMERICA** - EBEC - 17 min I-J
Subject Area: Social Studies/Weather (1962)
Explains that the variables of temperature and rainfall determine the major climate zones of the continent.
- 551.63 **WEATHERMAN: A SCIENTIST** - BFA - 11 min I
Subject Area: Science
Forecasting the weather is a major responsibility of the weatherman.
- 551.646 **ATMOSPHERE IN MOTION (REV)** - EBEC - 14 min I-J-H
Subject Area: Earth Science/Meteorology
Recent changes in the ozone layer have refocused attention on the importance of the atmosphere to life on our planet. (1987)
- 551.646 **LEARNING ABOUT AIR** – AIMS – 11 min. P-I
Subject Area: Science
Mr. Air, a mine, greets viewers and highlights the fundamental characteristics of air.
- 551.646 **WINDS AND AIR CURRENTS (ATMOSPHERIC SCIENCE)** - CORONET 13 min I-J-H
Subject Area: Science
Wind - air in motion. You can't see it but you can see its effects and you can demonstrate the causes of its movement.
- 551.7 **THE EARTH IN CHANGE: THE EARTH'S CRUST (Rev)** - EBEC 16 min I-J (1989)
Subject Area: Science
Although the earth appears to be stable and unchanging, it is actually constantly in a state of flux: continents are continually moving, and mountains are forming and wearing away.
- 551.7 **EARTH: MAN'S HOME** - EBEC - 10 min P (1987)
Subject Area: Science
Man's speck of living space in the universe is Earth, yet even the Earth is not entirely "home", because most of it is ocean, and of the remaining surface - land - only the green area is truly suitable for man's inhabitation.
- 551.7 **EARTH'S ATMOSPHERE** - CORONET - 13 min I-J-H
Subject Area: Science
We live on a remarkable planet - a world of living things, each linked in some way with earth's protective shell of gases.
- 551.7 **OUR DYNAMIC EARTH** - NATL. GEOG. 23 min J-H
Superb animation and supporting live-action footage explain the three kinds of plate behavior: divergence, convergence, and translation. (1979)
- 551.792 **AFTER THE GLACIERS** - AIMS - J-H - 11 min.
How glaciers helped to shape the continents by scooping out valleys and piling up rocks.

551.792 **EVIDENCE FOR THE ICE AGE** (REV) - EBEC - 14 min. I-J-H (1988)

Subject Area: Science

Thousands of years ago, glaciers spread over the continents, moving rocks and soil in the process. This film presents such signs as isolated boulders and rocks with long, parallel scratches as physical evidence for the Ice Age.

551.792 **GLACIERS ON THE MOVE** - EBEC- 11 min - J-H

Subject Area: Earth Science

Describes the effects of gravity, pressure, and temperature on the large masses of ice.

GEMS, METALS, MINERALS

552 **GEMS, METALS AND MINERALS** - Tell Me Why Video P - 30 min.

552.2 **RADIOACTIVE DATING** - CORONET - 13 min I-J-H (1983)

Subject Area: Science/Chemistry/Physics

Ancient materials - fossils, continental rocks, ocean sediments and moon rocks. How old are they? Radioactive dating supplies some answers.

552.2 **TOO HOT TO HANDLE? THE NATURE OF RADIOACTIVITY** - FILMS HUMANITIES - 20 min J-H

Subject Area: Science

WATER

553.7/ **BILL NYE THE SCIENCE GUY: WATER CYCLE/OCEANOGRAPHY** DISNEY - P-I - 52 Min.

551.46 Bill demonstrates the phases of the water cycle: evaporation, condensation, precipitation and collection. In the second part of the film Bill Nye explains why oceans are salty and explores the ocean currents.

553.7 **INTRODUCTION TO WATER CYCLE** - EBEC - 12 min P-I

Subject Area: Science/Meteorology

This film illustrates the many different ways our water supply is recycled. (1988)

553.7 **LEARNING ABOUT WATER** - AIMS - 12 min P-I (1987)

Subject Area: Science

Children explore water and its various states, ice, steam and its natural source in rain.

553.7 **SOURCE OF LIFE: WATER IN OUR ENVIRONMENT** – Rainbow 24 min. - P-I-J

Discusses how we appreciate water for its beauty, drinking and recreation. Then problems of pollution that threaten the Earth's water.

553.7 **THE IMPORTANCE OF WATER** – 100% Educ. Videos 18 min. I-H

Subject Area: Science

With the help of this video, your students will be able to appreciate the importance of water.

553.7 **WATER: A PRECIOUS RESOURCE** - NATL GEOG - 23 min I-J-H (1980)

Subject Area: Science

Students learn where water comes from, and by animated sequence of the hydrologic cycle they learn how water is endlessly recycled.

553.7 **WATER CYCLE** (2nd Ed) - EBEC - 14 min I-J-H (1982)

Subject Area: Earth Science/Meteorology

Illustrates the constant exchange of moisture between air, land, and sea, known as the water cycle.

553.7 **WATER & WHAT IT DOES** (2nd Ed) - EBEC 12 min P

This film examines the changes that take place as water is heated and cooled. (1988)

PALEONTOLOGY

- 560 **FOSSILS ARE INTERESTING** - BFA - 11 min - I-J
Subject Area: Fossils
Describes fossils that give clues to prehistoric life.
- 560 **FOSSILS: CLUES TO THE PAST** - NGS - 23 Min. J-H
Subject Area: Fossils (1983)
A fossil is any evidence of life from the geologic past.
- 560 **FOSSILS! FOSSILS!** - BARR - 15 min - P-I-J
Subject Area: Fossils
Fossils are ancient animals or plants which became embedded in sediments, leaving remains that scientists examine to learn about the earth's past.
- 560 **PREHISTORIC ANIMALS OF THE TAR PITS** - BFA - 14 min I-J-H
Subject Area: Science/Fossils
In some areas of the world, as in Peru and California, thick black tar collects in pools or pits. Thousands of years ago, animals became trapped in the sticky tar.
- 560 **PREHISTORIC ANIMALS, REPTILES AND AMPHIBIANS** - PRISM - 30 min. – P (1988)
Simple answers to questions about dinosaurs and other interesting creatures.
- 560 **PREHISTORIC WORLD** - MIDWICH - 30 min. – P (1987)
Discover the world of prehistoric reptiles.
- 567.9 **DINOSAURS AND STRANGERS CREATURES** - CONCORD 33 min. – P (1987)
This programs examines what dinosaurs looked like, how they ate, how they lived and how they died.
- 567.9 **DINOSAURS AND MONSTERS** - PLAYHOUSE - 60 min. - P
Mister Rogers helps young children understand what scary monsters are - and aren't. (1979)
- 567.91 **ALPHABET OF DINOSAURS** - CORONET - 13 min - P
Subject Area: Reading & Writing Skills
Young viewers will develop sound recognition skills & begin to understand & appreciate the intriguing prehistoric world of dinosaurs with this whimsical new program.
- 567.91 **DIGGING FOR DINOSAURS** – 100% Educ. Videos 28 min. I-H
- 567.91 **DINOSAUR AND THE COSMIC COLLISION** - CORONET 28 min. I-J-H
Sixty five million years ago the dinosaur and other species of plants and animals vanished. This film examines a new theory about the cause of their extinction.
- 567.91 **DINOSAURS (TYRANNOSAURS REX EXPOSED)** Nova Series CORONET - 58 min.
Subject Area: Life & Earth Sciences
Details the discovery & excavation of this historic specimen.
- 567.91 **DINOSAUR WHO WONDERED WHO HE WAS** - CORONET - 12 min - P
Subject Area: Science/Language Arts
Dinosaurs & prehistoric times have always been favorite themes with children. This imaginative tale will be invaluable in the science classroom, and will inspire creative expression, dramatics and art activities.
- 567.91 **DINOSAURS: A FIRST FILM** - BFA - 10 min P-I
Subject Area: Life Science
Long ago, a kind of animal arose that was to dominate the earth for more than one hundred million years - the dinosaurs. Then they disappeared. A new kind of animal arose to dominate the earth - the mammals.
- 567.91 **DINOSAURS: AGE OF REPTILES** - BFA - 17 min P-I-J
Subject Area: Life Science: Animal's

An excellent introduction to the study of these incredible reptiles.

- 567.91 **DINOSAURS: FUN, FACT AND FANTASY** – AIMS 54 min - P-I
Dill, a British crocodile, travels back in time millions of years to visit his prehistoric ancestors.
- 567.91 **DINOSAURS: PUZZLES FROM THE PAST** - NATL GEOG - 20 min K-P-I (1981)
Subject Area: Life Science: Animals
Colorful animation introduces both meat-eaters and plant-eaters.
- 567.91 **DINOSAURS: THE TERRIBLE LIZARDS** (2nd Ed) - AIMS - 10 min P-J (1988)
Vivid backgrounds show the natural habitat of these "terrible lizards" as the characteristics of each dinosaur are described.
- 567.91 **HOW BIG WERE THE DINOSAURS?** - CORONET 11 Min. - P
In a movie theater, Wondercat watches a battle of animated dinosaurs and asks "Were they really that big?"
- 567.91 **WHAT'S THE BIGGEST LIVING THING?** (WONDER WORLD OF SCIENCE) - CORONET - 10 Min. - P
Subject Area: Life Science
Impressed with the size of elephants and giraffes in a zoo, Wondercat is curious about what the biggest living thing is.
- 567.91 **WHOOPING SMALL DINOSAUR** - CORONET - 26 min - I-J-H
Subject Area: Biology/Earth Science
How the bones of one of the smaller varieties, a "whooping small dinosaur," is removed from the ground, shipped to a museum, extracted from their rocky prison and then assembled are all part of this fascinating record of scientists at work.
- 568 **DINOSAURS, DINOSAURS, DINOSAURS** - TWIN TOWER – P 30 min. (1986)
Journey into the mysterious world of dinosaurs where secret healing waters stop host Gary from undergoing a reptilian metamorphosis!
- 568 **MORE DINOSAURS** - TWIN TOWER - P - 30 min. (1986)
Travel the globe on this magical tour and discover how dinosaurs lived, what they were what they were really like and ideas on why they vanished.

LIFE SCIENCES

- 570 **ANIMAL ARCHITECTURE** - BFA - 9 min - I-J-H
Subject Area: Life Science
All animals need food and shelter. Many animals find the protection they need in structures they build for themselves.
- 570 **WHAT'S ALIVE?** - BFA - 11 min - P-I
Subject Area: Life Science/Animals
What makes living things different from non-living things?
- 573.2 **GOD, DARWIN & DINOSAURS** (NOVA SERIES)- CORONET - 58 min H
Subject Area: Biology/Evolution
This program documents the creation-evolution controversy and uses the debate to explore a broader question: What is science?
- 573.2 **HEREDITY** (2nd Ed) - EBEC - 15 min J-H
Subject Area: Life Science/Heredity
Microphotography and precise animation help to visualize chromosomal mechanics and DNA as determinants of human genetic information.
- 573.3 **MYSTERIES OF MANKIND** - NATL GEOG - 60 min All Age
Trails of footprints...unearth fossilized skeletons dated a million years and more. (1989)

- 573.3 **PREHISTORIC TIMES (REV) - CORONET** 10 min J-H
 Subject Area: Social studies
 Summarize the present scientific explanation of the formation of the atmosphere, oceans, continents and beginning of life.
- 574 **ADAPTATIONS (MANY WORLDS OF NATURE SERIES)- MTI -** 12 min I-J
 Subject Area: Science
 The study of nature is the study of relationships. This film depicts the many methods which species use to adapt to their environments.
- 574 **BIOLOGY -EXPLORING THE LIVING WORLD - EBEC** 19 min. J-H (1979)
 Subject Area: Biology/Life Sciences
 Reveals how plants and animals adapt to many different environments.
- 574 **HOT ENOUGH FOR YOU (NOVA SERIES)- CORONET -** 60 min I-J-H
 Watch as scientists reveal the sources of "greenhouse gases" and point to a variety of ways to reverse this dangerous warming trend.
- 574 **MOLECULAR BIOLOGY - CORONET** 15 min J-H
 Subject Area: Science/Biology
 Molecular biologists are trying to understand how the molecules of life first formed and began their control of biological processes using energy-rich molecules of ATP that drive the life functions, and DNA.
- 574.154 **GREAT AMERICAN DESERT, THE UNITED STATES - CORONET -** 16 min I-J-H
 Subject Area; Social Studies/Geography
 Early pioneers called it the Great American Desert - that vast semi-arid region lying beyond the Mississippi.
- 574.154 **LIFE IN THE DESERT - EBEC -** 11 min I-J (1978)
 Subject Area: Life Science/Environmental
 The erosion and weathering that have shaped the desert landscape, the interrelationships between organisms in the desert food web, and the varied ecological relationships that exist between plants and animals in this community are highlighted.
- 574.154 **ON DRY LAND: THE DESERT BIOME (Level 1) I-J-H**
 LVD Side A: The Desert Environment
 Side B: Life in the Desert
- 574.5/
 333.7 **BILL NYE THE SCIENCE GUY: BIODIVERSITY/GARBAGE**
 DISNEY - P-I - 52 Min.
 Bill Nye sets-up office in an ocean, forest and field to commune with nature and shows what happens when one link falls from nature's chain. In the second half of the film, Bill explores the vast amounts of non-biodegradable waste that humans create.
- 574.5 **THE ECOSYSTEM: NETWORK OF LIFE - BFA -** 11 min. J-H
 All living things interact in a web of energy relationships.
- 574.5 **NATURE'S SYSTEMS - Concord -** 30 min. P. (1987)
 Study of the environment of plants and animals.
- 574.5 **THE SCIENCE OF SOIL –** 19 min.
 What is soil? What are soil horizons? How many different kinds of soil are on earth? What is soil conservation? This video dishes up the "dirt" on soil!
- 574.5 **SHORTGRASS PRAIRIE: PART I - LCA -** 15 min I-J-H
 Subject Area: Science/Environmental Studies
 The fascinating shortgrass prairie covered in this film is an area where the extremes of climate abound. We witness the habits of hibernating and non-hibernating animals.
- 574.5 **SHORTGRASS PRAIRIE: PART II - LCA -** 15 min I-J-H
 Subject Area: Science/Environmental Studies

The summer season in the shortgrass prairie region of North America is the subject of this beautifully photographed tribute to the plants and animals indigenous to the land.

- 574.5 **SOIL: AN INTRODUCTION** - BFA - 8 min P-I
Subject Area: Earth science
Wind, water, and temperature wear away the rocks to form the base for topsoil.
- 574.524 **SYMBIOSIS** - BFA - 9 min J-H
Subject Area: Science/Ecology
There are many examples in nature of organisms that live together in mutual dependence.
- 574.526 **LIFE IN THE GRASSLANDS** (2nd Ed) - EBEC 11 Min. - I-J
Subject Area: Life Science/Environmental
We see the complete grasslands succession cycle - including fire and subsequent growth - in this overview of the American prairie.
- 574.87 **CELL BIOLOGY** - CORONET - 17 min - J-H
Subject Area: Science/Biology
With amazing tools that allow them to peer deep into cells, cell biologists are beginning to understand the structure, functioning and history of these highly organized, complex chemical factories that are the building blocks of life.
- 574.87 **CELL BIOLOGY: CYTOPLASM** - CORONET - 14 min - H
Subject Area: Science/Biology
Cytoplasm is an all-inclusive word referring to the material held inside a cell by the plasma membrane.
- 574.87 **CELL BIOLOGY: THE NUCLEUS** - CORONET - 13 min - H
Subject Area: Science/Biology
Since the discovery of the first cells, investigators have been intrigued by the most apparent structure within each cell - the nucleus.
- 574.87 **CELL BIOLOGY: THE LIVING CELL** - CORONET - 17 min J-H.
Subject Area: Science/Biology
The cell - a basic unit of structure and function for all living organisms - so fundamental yet so mysterious.
- 574.87 **DNA: LABORATORY OF LIFE** - NGS 21 min. J-H (1985)
Explains how DNA works in the cells. DNA is the carrier of genetic information in the cell.
- 574.87 **ECOLOGICAL BIOLOGY** - CORONET - 15 min - J-H
Subject Area: Science/Biology
Ecology investigates the distribution of organisms in space and time, why they live where they do and how their populations interact.
- 574.87 **INSIDE A CELL!** – Teacher’s Video Co. – 45 min.
A simple lab project turns into a rollicking adventure when a student is trapped inside a cell and his lab partners have to help him get out!
- 574.87 **MAGIC OF CELLS** – Allied Video Corp. – 20 min.
Defines a cell as the smallest living unit; guides the viewer on an amazing voyage through the parts of a cell; and, examines the extraordinary diversity of cells. (1994)
- 574.909 **DESERT ANIMALS AND PLANTS** - KODAK - P - 30 min.
Featuring the camel, the side-winder snake, the lizard, the white lady spider and the cactus.
- 576 **MICROBES: BACTERIA & FUNGI** (level 1) - AIMS
LVD Introduce the subject of microbes, bacteria, and fungus.
- 578.4 **MICROSCOPE & ITS INCREDIBLE WORLD** - BARR - 21 min J-H
Subject Area: Science

This film shows viewers several specimens, and demonstrates the range of the microscope.

578.4 **WORLD WITHIN WORLDS** - NATL GEOG - 23 min I-J-H

Subject Area: Science (1981)

A high-powered microscope reveals the basis of life. This microscope is a tool that has given scientists a new way of seeing.

BOTANICAL SCIENCES

581/ **BILL NYE THE SCIENCE GUY: PLANTS/FORESTS** - DISNEY

582.16 P-I - 52 Min.

Bill Nye discusses how plants breathe, make food, defend themselves and move their seeds around. In the second half of the film, Bill visits various forests and examines a real forest fire to see what it does to help a forest's ecosystem.

581 **BEGINNING OF THE FOOD CHAIN: PLANKTON** - EBEC 12 min I-J

Subject Area: Life Science/Ecology

The major source of food for all marine life floats abundantly off our ocean's coasts in the form of microscope plants and animals collectively known as plankton.

581 **LIVING OR NONLIVING** - NATL GEOG - 16 min P-I

Subject Area: Science (1986)

An old bus filled with young children breaks down while traveling through the desert. The engine stops and the group learns first that life exists almost everywhere-even in the seemingly empty desert that surrounds them.

581 **PLANT OR ANIMAL** - NATL GEOG - 15 min P-I

Subject Area: Science (1986)

This film helps us distinguish plants from animals.

581 **UNFRIENDLY FLORA & FAUNA** - CORONET - 15 min I-J

Subject Area: Botany/Science

A small minority of plants & animals are harmful to humans.

581.1 **PHOTOSYNTHESIS: LIFE ENERGY** - NATL GEOG - 22 min J-H (2 copies) (1983)

Subject Area: Science

Although much has been learned about the way in which green plants manufacture food and release oxygen, this process is not yet completely understood.

581.158 **BEHAVIORAL BIOLOGY** – CORONET 15 min. - H

Subject Area: Science/Biology

Of all life's elemental processes, the most amazing may be behavior.

581.158 **GENETICS AND PLANT BREEDING** - BFA - 17 min J-H

Subject Area: Life Science

Plant scientists have studied the process of fertilization in plants and have used this information to control matings and to develop new plant varieties.

582.046 **FLOWERS AT WORK** (3rd Ed) - EBEC - 16 min I-J

Subject Area: Life Sciences/Plant Life

Reveals the variety of pollination processes by which the cycle of plant life is continually renewed.

582.046 **SEED DISPERSAL (MANY WORLDS OF NATURE SERIES)**- MTI 13 min I-J

Subject Area: life Science

Explores the extraordinary relationship between the seeds and the natural elements which disperse them, thus providing for the survival of the species.

582.046 **SEEDS & WEEDS** - Journal - 12 min. P-I

Most weeds grow from seeds, so this film investigates some weeds, how they spread their seeds & how the seeds grow.

- 582.046 **SEEDS GROW INTO PLANTS (REV) - CORONET - 6 min P**
 Subject Area: Science
 Involves students in a fascinating discovery of one of nature's unending cycles—seed to plant to flower to fruit to seed dispersal to new plant.
- 582.046 **WHAT DO SEEDS DO? A FIRST FILM - BFA - 12 min P-I-J**
 Every seed contains stored food as well as the embryo from which the plant will grow.
- 582.046 **WHAT'S INSIDE A SEED? (WONDER WORLD OF SCIENCE) - CORONET - 11 min P**
 Subject Area: Science
 As Wondercat learns about seed plants, we observe how the roots of the baby plant grow downward while the stem grows upward, carrying the leaves into the air and sunlight.
- 582.13 **FLOWERS (MANY WORLDS OF NATURE SERIES) - MTI - 14 min I-J**
 Subject Area: Science
 This beautifully photographed film tells us about the inseparable relationship between insects and flowers, and the ingenious mechanisms flowers use to insure the continuation of their species.
- 582.13 **FLOWERS, PLANTS & TREES (TELL ME WHY) – PRISM 30 min. All Ages (1988)**
 Answers questions about flowers, plants and trees such as what is botany, why aren't all trees green, what is a weed, etc.
- 582.13 **HAROLD & HIS AMAZING GREEN PLANTS - DISNEY - 9 min P (1985)**
 Subject Area: Science/Health/Nutrition
 Helps young children understand the life cycle of green plants.
- 582.13 **HOW GREEN PLANTS MAKE & USE FOOD (REV)- CORONET - 12 min I-J**
 Subject Area: Science
 All life on earth ultimately depends on food and oxygen produced by photosynthesis in green plants.
- 582.13 **HOW PLANTS GROW – 100% Educational Videos – 18 min**
 Learning objectives are knowing the functions of the plant parts.
- 582.13 **LEARNING ABOUT FLOWERS & SEEDS (2nd Ed) - EBEC 13 min. P**
 Illustrates that some plants produce flowers and describes the major parts of a flower.
 Depicts the flower-seed-plant cycle of a typical plant.
- 582.13 **PHOTOSYNTHESIS - AIMS - All Ages**
 LVD
 Side 1: Photosynthesis
 Side 2: Plants in Action
- 582.13 **PLANTS ARE DIFFERENT & ALIKE (2nd Ed) - CORONET - 12 min K-P**
 Subject Area: Science
 Different kinds of plants have different kinds of roots, stems, and leaves.
- 582.13 **PLANTS AND THEIR IMPORTANCE – 100% EDUC. VIDEOS –13 min. I-H**
 Subject Area: Science
 Students will understand why plants are crucial to the survival of the world.
- 582.13 **PLANTS THAT GROW FROM LEAVES, STEMS & ROOTS (REV) CORONET - 14 min I-J-H (1984)**
 Subject Area: Science
 From the simple act of planting a bulb to new methods of cloning, we can grow new plants from a single parent, passing along uniform characteristics from one generation to the next.
- 582.13 **PLANTS: SCIENCE ESSENTIALS (4 Tapes, 8 min ea) EBEC - I-J-H**
 1. What Do Plants Need to Live?
 2. What Is A Plant?
 3. How Do Plants Travel?
 4. How Do Plants Respond To The World?
- 582.13 **POLLINATION - NATL GEOG. - 23 min. - I-J (1983)**

Subject Area: Science

The transfer of pollen from one part of a flowering plant to another part of the same plant or to an entirely different plant takes place on a vast scale, often in fascinating and complex ways.

- 582.13 **SECRETS OF THE PLANT WORLD** - DISNEY - 15 min - I-J
Traces the life of various plants from mobilized seed to mature parent plant ready to propagate seedlings of its own. (1990)
- 582.13 **WHAT DO FLOWERS DO? A FIRST FILM** (REV) – BFA 12 min - P-I-J
Subject Area: Life Science/Plants
Most flowers are composed of petals, pistil, and stamens. Flowers help the plant produce new plants. The union of pollen and egg in the flower leads to the development of a seed. This revision shows fertilization and how flowers fit into the ecology of plant life.
- 582.13 **WHAT DO PLANTS DO? A FIRST FILM** (REV) – BFA 12 min - P-I-J
Subject Area: Life Science/Plants
Plants are alive. They move, grow, use food, and reproduce. This revision shows how plants make food and carbon dioxide and how they adapt to many environments.
- 582.13 **WHAT PLANTS NEED FOR GROWTH** (2nd Ed) – EBEC 11 Min.
Subject Area: Life Science
Humorous animation, time-lapse photography, and observations of plants in controlled environments are combined in this film to demonstrate the dependence of growing things on water, air, light, food, and warmth.
- 582.16 **EYE ON NATURE: TREE OF THORNS** – CORONET 10 min - I
Subject Area: Science
In the grasslands of Africa grow the trees of thorns, also known as acacias. In its own determined quest and ability to exist, the tree of thorns makes existence possible for a host of others.
- 582.16 **THE TREE** (2nd Ed) - CHURCHILL - 11 min. P-I
Subject Area: Science/Language Arts
A girl discovers how living things depend on each other - and how much there is to see, just sitting under a tree.
- 582.16 **TREE BLOSSOMS** (MANY WORLDS OF NATURE) - MTI - 13 min. I-J
Subject Area: Science
To study nature and its interdependent life forms, it is necessary to divide it into small worlds. This film reveals to us the often overlooked blossoms of trees.
- 582.16 **THE TREE: A LIVING COMMUNITY** - CHURCHILL -11 min I
Subject Area: Science
This is an adaptation of the original film, THE TREE, using the same picture but with a different soundtrack best suited for grades 4-6.
- 582.16 **TREE IS A LIVING THING** - EBEC - 11 min P (1964)
Helps children discover how trees resemble- and differ from- other flowering plants.
- 583.89 **FROM BLOSSOM TO FRUIT** - BFA - 14 min J-H
Subject Area: Science
Animated drawings show the process of fertilization, and an examination of the ovule after fertilization reveals the development of the resulting embryo plant. The importance of a flower is shown to be its role in plant reproduction.

LIVING ORGANISMS

- 589.2 **OUR LIVING WORLD: THE FUNGI KINGDOM** – AIMS 13 Min. - H
This film covers the range of fungi species, from the commonly recognized mushrooms through molds and yeast.
- 589.2 **OUR LIVING WORLD: PARASITES** - AIMS – 22 min.- H

Study the parasite/host relationship and examine some of the parasitic members of the monera, protist, fungi and animal kingdoms.

ZOOLOGICAL SCIENCES

- 590 **ADAPTATION OF ANIMALS** (2nd Ed) - CORONET - 14 min. I-J (1989)
Subject Area: Life Science
The concept of adaptation is made clear by specific examples using a wide variety of animals, both vertebrate and invertebrate, and emphasizing ways in which body structure and behavior are related to environment.
- 590 **ALL YEAR ROUND SERIES: HOME** - Journal 15 min P
Different animals have different kinds of homes to suit their needs and to make use of things found in their surroundings.
- 590 **ALPHABET OF ANIMALS** (2nd Ed) - CORONET 13 min P
Subject Area: Language Arts/Science
This film delights with a rhyming script, beautiful photography of scores of animals and a colorful drawing to accompany each letter of the alphabet. This film brings both the alphabet and the behavior of animals to life.
- 590 **ANIMAL BABIES** - NATL GEOG. 15 min P-I (1981)
Introduces students to a variety of familiar and exotic animals and their offspring.
- 590 **ANIMAL COMMUNITIES** - AIMS - 15 min. All Ages LVD
The interaction of animals with each other and their habitats.
- 590 **ANIMAL GUESSING GAMES** - NGS - 15 min – P (1988)
Subject Area: Science
Students have fun learning about some of their favorite animals. Sharpen observation skills with close-up looks at animal features. Match mothers and babies and guess who lives where.
- 590 **ANIMAL HOMES (MANY WORLDS OF NATURE)** – MIT 13 Min. - I-J
Subject Area: Science
Examines the meaning of home to a variety of insects, birds and mammals.
- 590 **ANIMAL TRACKS & SIGNS** - EBEC - 11 Min. - P-I
Subject Area: Science/Language Arts
Tracks preserved in stone are "clues" that tell us dinosaurs once roamed the earth. Today, we can identify animals living near us by the tracks they leave in mud, snow, or sand. (1961)
- 590 **ANIMALS A TO Z** - NGS - 15 min - P-I (1986)
Subject Area: Science
Facts presented in rhyme are fun to learn and often easier to remember.
- 590 **ANIMALS & THEIR HOMES (REV)** - CORONET - 9 min P-I (1985)
Subject Area: Science
Filmed entirely in the wild, beautiful nature photography and revealing close-ups introduce potential home-building viewers to some of the available home sites and their future neighbors.
- 590 **ANIMALS ARE DIFFERENT & ALIKE** (2nd Ed) - CORONET - 13 min - P
Subject Area: Science
Children will learn that animals live in many different kinds of places, under many different circumstances, but all animals will be found where they can get the things they need to stay alive.
- 590 **ANIMALS ON THE FARM** - NGS - 15 Min. – P (1992)
Information about farms of today, familiar farm animals, farm families and finally joining shoppers at the supermarket.
- 590 **ANIMALS THAT BUILD** - NATL GEOG - 14 min P-I

Subject Area: Science (1983)

With strands of silk, with leaves & branches, with brick and steel, animals build a variety of structures that serve many purposes.

- 590 **ANIMALS THAT LIVE IN THE CITY** - NATL GEOG. - 15 min. P-I (1988)
Subject Area: Science
Cities are home to a surprising number and variety of wild animals.
- 590 **THE CAT'S MEOW** - NATL GEOG. - 10 min. P-I (1986)
Subject Area: Science
This film takes you to some familiar places, a household kitchen and a dark alley, and introduces you to some familiar rivals, the cat and the mouse.
- 590 **A FIRST LOOK AT FARM ANIMALS** - AIMS - 14 MIN. P-I
Subject Area: Science
Filmed at a picture-perfect farm. An introduction to farm animals features goats, sheep, pigs and other farm animals.
- 590 **HOW ANIMALS SURVIVE** - AIMS - I-J
LVD Subject: Animal Survival
Discusses how the animal kingdom uses their sense of taste, touch, sight, smell and hearing to successfully interact with their surroundings.
- 590 **HOW NATURE PROTECTS ANIMALS (REV)** - EBEC - 8 min. P-I - 2 COPIES (1988)
Subject Area: Science
Emphasizes three important ways that nature protects animals: hiding, fleeing, and discouraging attack.
- 590 **HOW WE CLASSIFY ANIMALS** - AIMS
LVD How biologists classify animals according to their similarities and dissimilarities.
- 590 **NATURE'S BUILDERS** - AIMS - 8 min. P-I
Subject Area: Science
This film allows youngsters to explore the ways in which a bird, a spider, and an insect use their building instincts and capabilities to survive, grow, and reproduce.
- 590 **NATURE'S STRANGEST CREATURES** - DISNEY - 16 min. I-J-H
Subject Area: Science/Language Arts
Shows some of the most unique animals in the world in their native habitat in Australia and the Island of Tasmania.
- 590 **SUPERSENSE: SEEING SENSE** - CORONET - 30 min. H
Subject Area: Science (1989)
The film explains how "less sophisticated" animals accomplish their amazing tasks of sight.
- 590 **SUPERSENSE: SUPER SCENTS** - CORONET - 30 Min. - H
Subject Area: Science (1989)
It is common knowledge that smell plays an important part in the sensory life of mammals.
- 590 **WHAT'S AN ANIMAL: A FIRST FILM** – BFA 16 Min. - I-J
Subject Area: Life Science/Animals
The characteristics of each of the eight most common groups of animals are identified with a full range of exciting and unusual visualizations.
- 590.744 **ALPHABET OF LANDS & WATERS (Rhymes & Poetry)** - CORONET - 13 min P
Subject Area: Language Arts/Geography
An interdisciplinary film that uses motion picture and photography to define geographical terms and reinforce reading skills.
- 590.744 **AT HOME WITH ZOO ANIMALS** - NGS - 15 Min. - P-I
Illustrates how zoos attempt to enrich the environments of their animals. (1992)

- 590.744 **BEYOND THE BARS: ZOOS AND ZOO ANIMALS** -
 Rainbow/Nystrom - 19 min. – P (1987)
 This film takes is young viewers to the Philadelphia Zoo-the oldest zoo in America, & one of the largest.
- 590.744 **LOOK AT ZOOS** - NATL GEOG - 12 Min. - P-I (1986)
 Subject Area: Science
 Youngsters will discover the ways in which scientists study animals in zoos and the ways in which zoo veterinarians work to keep the animals healthy.
- 590.744 **SAN DIEGO ZOO (MINNIE'S SCIENCE FIELD TRIPS)** - DISNEY - 17 min. – P (1988)
 Subject Area: Science
 Minnie Mouse is our hostess for this "guided tour" through the zoo's facilities.
- 590.744 **THE ZOO** - (2nd Ed) - EBEC - 11 Min. - P-I (1979)
 Subject Area: Science/Language Arts
 Viewers learn how some zoos exhibit animals in natural surroundings, protect vanishing species and how zoos maintain their operation.
- 590.744 **ZOO ANIMALS BEHIND THE SCENES** - CORONET - 13 Min. P-I (2 copies)
 The work done by zoo people often takes them to places that we don't ordinarily get to visit - places behind the scenes.
- 590.744 **ZOO BABIES (REV)** - CORONET - 8 min. P
 A lively trip to the zoo is an excellent way to begin developing basic science concepts, such as how baby animals do and do not resemble their parents, how they grow and develop, and how they receive care and protection from their parents.
- 591 **HOW ANIMALS TALK** - KODAK - 30 min. – P (1988)
 Scientist Thane Maynard explains the animal sounds we hear are communications - with meaning.
- 591 **WOLVES & COYOTES OF THE ROCKIES** - Beacon - 60 min. P-I-J
 This film documents one winter in the life of a wolf pack in a habitat it shares with other species.
- 591.5 **ADAPTATIONS OF PLANTS** (2nd Ed) - CORONET 14 min I-J
 Subject Area: Science/Life Science
 This film shows how various plants are adapted for protection from plant-eating animals, and how seed plants are adapted for reproduction.
- 591.5 **ANIMAL CAMOUFLAGE** - BFA - 9 min. I-J-H
 Subject Area: Life Science
 For many animals, the interaction with their environment has resulted in colors and patterns that allow the animals protection from their enemies.
- 591.5 **ANIMAL HIDE & SEEK: CAMOUFLAGE** - CORONET 10 min P
 Subject Area: Life Science
 The film uses children's enjoyment of games of discovery to interest them in animal camouflage.
- 591.5 **ANIMALS EAT IN MANY WAYS** - BFA - 10 min. P-I-J
 Subject Area: Science
 Watching butterflies, hummingbirds, cows, snakes, and other animals eat provides the viewer with insights into the great variety of adaptive mechanisms.
- 591.5 **ANIMALS IN VERSE** - SVE - 7 min. – P (1987)
 Vivid photographs of exotic as well as familiar animals: a variety of city animals, useful farm animals and the care of young animal babies by their mothers.
- 591.5 **AUSTRALIA'S ANIMAL WONDERS** - NATL GEOG. 15 min. P-I (1983)
 Subject Area: Science/Animals
 One of Australia's marsupials, the kangaroo, moves by hops and bounds: another marsupial, the gliding possum, can glide in the air from tree to tree.

- 591.5 **AUSTRALIA'S IMPROBABLE ANIMALS** - NGS - 60 min. All Ages (1987)
Australia's extreme environments host a wondrous array of curious life forms-crocodiles & cassowary birds in the wetlands, pygmy possums & sugar gliders in the mountains, & huge numbers of kangaroos in the arid outback.
- 591.5 **BABY ANIMALS IN THE WILD** – SCHOLASTIC 30 min. – P (1987)
Join the amusing cast of animal characters as they entertain in these hilarious and tender-hearted stories and songs.
- 591.5 **FLYING SQUIRREL** - EBEC - 11 min. P-I (1989)
Subject Area: Language Arts/Reading
After leaving her babies safe in her nest in an old tree, a mother flying squirrel goes out to search for food.
- 591.5 **GRAY SQUIRREL (2nd Ed)** - EBEC - 10 min. P (1960)
Subject Area: Science/Language Arts
The film follows the daily activities of three young squirrels and their mother in their natural forest home, from spring to mid-winter.
- 591.5 **HOW ANIMALS GET THEIR FOOD** - NATL GEOG. 15 min P-I (1988)
Subject Area: Science/Animals - 2 copies
The film takes viewers to many different habitats where they observe how various animals eat.
- 591.5 **HOW ANIMALS MOVE** - KODAK - P - 30 min. (1988)
Scientist Thane Maynard discusses the muscle structure and special body adaptations of numerous animals.
- 591.5 **PLANTS & ANIMALS DEPEND ON EACH OTHER** - CORONET - 11 min. P
Food, shelter, transportation, oxygen, carbon dioxide, and reproduction are some of the needs and processes examined as children are encouraged to consider and discover ways in which plants and animals form a community and depend upon one another.
- 591.5 **NATURE'S CAMOUFLAGE** - AIMS - 12 min. - I-J-H
Close up photography of insects and reptiles demonstrates the ways they are camouflaged. Similar protection is seen in fish and crabs.
- 591.5 **PROTECTIVE COLORATION (MANY WORLDS OF NATURE)** MTI - 13 Min. - I-J
Subject Area: Science/Animals
Colors, behavior, and habitat are inseparably linked, so much so, that destruction of natural habitat usually means destruction of the animals which live there.
- 591.5 **WHERE ANIMALS LIVE** - NGS - 15 Min. - P-I (1988)
Subject Area: Science
Shows us wildlife in four vastly different habitats - hot desert, steamy rain forest, soggy mangrove swamp, and cold northern forest.
- 591.5 **WINTER SIGNS** - MTI - 14 min - I-J
Subject Area: Science/Insects
Winter is not a time of year you would expect to find much insect life. But if you know what to look for and where to look, there are many signs of insect life to be found.
- 591.5 **WORLD OF PLANT AND ANIMAL COMMUNITY** - EBEC 14 min. - P-I (1986)
Subject Area: Science/Social studies
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.
- 591.51 **ANIMAL PREDATORS (Rev)** - JOURNAL - 13 Min. - P-I
Although predators hunt & kill other animals for food, they do this in order to survive, not because they are "bad."

- 591.51 **PREDATORS OF NORTH AMERICA** - NGS - 12 min. - I-J
Focuses on predators in a temperate forest ecosystem. Within the forest, all creatures must prey on something else to feed themselves. (1981)
- 591.52 **DESERT CREATURES** - EBEC - 12 min. P-I (1989)
Desert creatures avoid the daytime sun & look for food at night.
- 591.52 **SUPERSENSE: SIXTH SENSE** - CORONET - 32 min H
A sixth sense, intuitive, instinctual or extra sense of perception has long been suspected and conjectured about, yet substantive proof for it has not been fully accepted. (1989)
- 591.52 **TREE LIVING ANIMALS** - KODAK - P - 30 min. (1988)
Thane Maynard explains the special body adaptations of animals who seek safety, food and shelter in the branches high above the ground.
- 591.59 **ANIMALS AT NIGHT** - EBEC - 11 min P (1984)
Subject Area: Science/Animal Life
Tells the story of nocturnal animals - how they differ in their physical characteristics and behavior from animals that are active during the day.
- 591.9 **ANIMALS OF THE AMAZON RIVER BASIN** - AIMS I - 29 min.
Explores the dazzling world of Brazil's rain-forest in the Amazon River basin as it focuses on the extraordinary wildlife in the area.
- 591.9 **MOUNTAIN ANIMALS** - KODAK - P - 30 min. (1988)
Scientist Thane Maynard explains how some animals such as rams, goats, sheep, yaks, llamas, gorillas and bears survive mountainous terrain.
- 591.92 **UNDER THE SEA - CONCORD** - P - 35 min. (1987)
Underwater cameras introduce you to the live reefs, hermit crabs, starfish, sea urchins, lobsters, octopi and moray eels. Learn which are dangerous and which are not.
- 591.96 **ANIMALS OF AFRICA** - CONCORD - P - 32 min. (1987)
Animals ranging from the big cats to the wildebeest are featured in beautiful on-location filming.
- 592 **ANIMALS WITHOUT BACKBONES** (2nd Ed) – CORONET 14 min. I-J
Subject Area: Science
Explores the eight major invertebrate groups, from sponges to arthropods.
- 594 **MOLLUSKS (Snails, Mussels, Octopuses, and their Relatives)** EBEC - 14 min. J-H (1984)
Subject Area: Science/Animal Life
Discusses the five classes of mollusks, picturing their physical characteristics, reproductive processes, feeding habits, and ways of protecting themselves.
- 594.3 **SNAILS: BACKYARD SCIENCE** (REV) - BFA -12 min P-I
Subject Area: Science
By looking closely at a common backyard snail, we discover for ourselves many interesting things about it.
- 595.1 **EARTHWORMS: NATURE'S SOIL BUILDERS** - Stanton - 11 min. P-I
Describes the structure of earthworms and how earthworms adapt to living underground.
- 595.1 **LIFE STORY OF THE EARTHWORM** – EBEC-10 min I (1984)
Subject Area: Science
How the nightcrawler moves, feeds, reproduces, and reacts to various stimuli is shown.
- 595.1 **WASPS: PAPER MAKERS OF THE SUMMER** - LCA - 10 min. I-J-H
Subject Area: Science
The paper makers discussed in this film are certain species of wasps-paper wasps, yellow jackets and hornets.

- 595.1 **WORMS AND HOW THEY LIVE** - AIMS - I-J
 Subject Area: Worms, Earthworms
 Discusses the various species of worms, their habitats, life cycle, etc.
- 595.4 **SPIDERS** - KODAK - P - 30 min. (1988)
 Thane Maynard discusses the 30,000 species of spiders. He explains how they protect themselves by spinning their webs to hold off prey and what they do with their prey once captured.
- 595.4 **TARANTULA (WILD WORLD OF ANIMALS)** – VESTRON P-I - 30 min. (1977)
 Reveals the fascinating secrets of the world's largest spider. See the tarantula hunting, mating, eating and being attacked by it's worst enemy - the wasp.
- 595.44 **SPIDERS: BACKYARD SCIENCE** - BFA - 11 min P-I
 Subject Area: Science
 Shows the life cycle of the spider beginning with the creation of the egg sac.
- 595.44 **SPIDERS & HOW THEY LIVE** – AIMS & LVD - 15 min. I-J
 A young boy, his mother and a friend bring a spider into their home and study its habits.
- 595.44 **WHY DO SPIDERS SPIN WEBS?** (WONDER WORLD OF SCIENCE) - CORONET 11 min P
 Subject Area: Science
 Awed by the pattern and structure of a delicate spider's web, Wondercat can't help but wonder why spiders spin them.
- 595.5 **HUNTERS OF CHUBUT (LORNE GREENE'S NEW WILDERNESS) PRISM** - 22 min. P-I (1987)
 Visit the rugged Atlantic Coast of Argentina where sea lions and penguins battle and breed in a packed and frenzied colony.
- 595.7 **ALL ABOUT ANIMALS: INSECTS** - AIMS - 12 min. P-I
 Subject Area: Science
 The fascinating characteristics of animals we classify as insects are revealed through song, artwork, and exciting photography.
- 595.7 **ALPHABET OF INSECTS** - CORONET - 11 min. P
 Subject Area: Science
 An interdisciplinary film that uses a combination of animation & carefully selected nature photography to reinforce reading skills & give practice in observation & comparison.
- 595.7 **AMAZING ANTS** - CORONET - 11 min P-I (1987)
 Subject Area: Science
 Here ants tend, protect and milk a herd of aphids, and there - an ant lion lurks hungrily.
- 595.7 **ANTS AND HOW THEY LIVE** - AIMS - I-J
 LVD
 Subject Area: Life Habits of Ants
 A young boy named Chris, his mother and Chris's girlfriend explore the remarkably organized lives of ants.
- 595.7 **BEETLES** - MTI - 13 min. I-J
 Subject Area: Science
 Witness the unique and fascinating life metamorphoses of the beetle.
- 595.7 **BUTTERFLIES** - MTI - 12 min I-J
 Subject Area: Science
 This film will explain the unique characteristics of different butterfly groups and the unique roles played by wings and by coloration.
- 595.7 **CATERPILLARS** - MTI - 12 min J
 Subject Area: Science
 Designed to perform a specific role in the life scheme of moths and butterflies, this larval chaneling has adapted to meet the challenges of a hostile environment.

- 595.7 **EYE ON NATURE: BUTTERFLIES** - CORONET - 11 min I
 Subject Area: Science
 These colorful insects are unique in their beauty, in how they live, migrate, protect themselves and reproduce.
- 595.7 **INSECTS: LITTLE GIANTS OF THE EARTH** - Coronet
 LVD
 Side A: What is An Insect?
 Side B: Insects and the World
- 595.7 **INSECTS: THE LOVELY AND LETHAL** - EBC - 23 min. I-J-H (1982)
 Subject Area: Science
 Viewers will learn how insects evolved and the role they play in the environment.
- 595.7 **INKY, DINKY SPIDER** (LORNE GREENE'S NEW WILDERNESS)
 PRISM - P-I - 30 min. (1987)
 Visit the Florida Everglades where spiders establish their summer kingdom.
- 595.7 **THE MONARCH BUTTERFLY STORY** (REV) - EBC 9 min - I
 Subject Area: Science (1987)
 This film captures the fascinating life cycle of the monarch butterfly.
- 595.7 **TELL ME WHY – INSECTS –** Paramount – 30 min. P-H
 What are caterpillars? Can a butterfly smell? What are mosquitoes? How are flies born? What are grasshoppers? What are bees? How is honey made? What do wasps use to build nests?
- 595.7 **WONDERFUL WORLD OF THE BUTTERFLY**- LUCERNE - I-J - 27 min.
 Explores the habits and lifestyle of the butterfly.
- 595.7 **WORLD OF INSECTS** - NATL GEOG - 20 min I-J-H
 Subject Area: Science (1979)
 Presents a world of incredible numbers and diversity, of creatures adapted to survive and flourish in almost every environment.
- 595.726 **CRICKETS: BACKYARD SCIENCE** - BFA - 11 min. P-I
 Subject Area: Science
 Shows the complete life cycle of a cricket.
- 595.726 **LOCUSTS** - LCA - 10 min. I-J-H
 Subject Area: Science
 In this film, locusts are shown mating and laying eggs.
- 595.77/ 614.431 **MOSQUITO: A BITE FOR SURVIVAL** - EBEC - 29 min. I-H
 Subject Area: Life Science/Insects (1984)
 Follows the life cycle of the mosquito from the egg through the larval and pupa stages to the hatching of the adult.
- 595.78 **PRETTY POISON** (LORNE GREENE'S NEW WILDERNESS) PRISM - I-J-H - 22 Min. (1987)
 The monarch butterfly, migrates with enough poison to kill five full grown humans!
- 595.799 **LIFE OF THE HONEYBEE** (2nd Ed) - EBEC 24 Min. I-J-H
 Subject Area: Life Science/Animal Life
 Introduces viewers to the activities and unique behavioral patterns of the honeybee.
- 596 **ANIMALS WITH BACKBONES** (2nd Ed) - CORONET 11 min. I-J-H
 Subject Area: Science/Vertebrates
 Pupils are familiarized with the basic structural differences between vertebrates and invertebrates.
- 596.95 **NEW WILDERNESS** - DEVIL ISLAND – Prism – 30 min.
 Travel to the deserted island of Mona, just off the coast of Puerto Rico, the home of one of the largest lizards in the Western Hemisphere, the Mona Iguana. (1987)
- 597 **AQUARIUM: CLASSROOM SCIENCE** (REV)- BFA - 12 min. P-I

Subject Area: Science/Animals & Plants

Shows that not only fish, but insects, salamanders, and a variety of other interesting living things can be raised in an aquarium.

- 597 **FISH (REV) - CORONET - 14 min. - I-J-H**
Subject Area: Science
Nearly three-fourths of our planet is covered by water, home to one major division of vertebrates: fish.
- 597 **FISH: A FIRST FILM - BFA - 12 min. - P-I**
Subject Area: Science
Amazing characteristics of fish and their adaptive techniques are described and depicted in this fascinating primer that enthralls young viewers.
- 597 **FISH: A FIRST INQUIRY - BFA - 10 min. - P-I**
Subject Area: Science
There are many animals that are called fish, but not all of them are really fish. The young viewer learns important ideas about classification.
- 597 **A FISH STORY - STANTON - 14 min. - P-I**
Basic study of fish, using the guppy as an example, stresses importance of proper care and the right way to set up an aquarium.
- 597 **FORGOTTEN MERMAIDS (UNDERSEA WORLD OF JACQUES COUSTEAU) - GUIDANCE ASSOC. - 60 Min. - J-H (1986)**
Cousteau and crew journey to the Cypress Glades of East Florida to film the story of the manatee. They encounter a manatee that became trapped in a sewer pipe, and helped him to gain his freedom.
- 597 **OCTOPUS-OCTOPUS (1986)(UNDERSEA WORLD OF JACQUES COUSTEAU) - GUIDANCE ASSOC. - 60 Min. - J-H**
Capt. Cousteau, his crew and friends sail the Mediterranean to film and study the Octopus.
- 597.6 **AMPHIBIANS (REV) - CORONET - 14 min. - I-J-H**
Subject Area: Science
This revision retains the emphasis on the classification of animals as amphibians and the nature of metamorphosis.
- 597.6 **LOOKING AT AMPHIBIANS (REV) - EBEC - 8 Min. - P**
Subject Area: Science (1988)
Illustrates some of the ways in which amphibians differ from other animals in appearance, body structure and functions, and behavior.
- 597.6 **TADPOLES AND FROGS - NATL GEOG - 12 min - P-I**
Subject Area: Science (1986)
Students see close up the miraculous metamorphosis of a tadpole into a frog.
- 597.6 **WHAT IS AN AMPHIBIAN? - EBEC - 11 Min. - J-H**
Subject Area: Science (1962)
Shows the origin and evolution of the amphibians - the most primitive and earliest-known land animals.
- 597.8 **FROGS AND TOADS - KODAK - P - 30 min. (1988)**
Scientist Thane Maynard discusses the world of frogs and toads - amphibians that progress from life in the water to life on the land.
- 597.9 **TURTLE FAMILY - KODAK - P - 30 min. (1988)**
Scientist Thane Maynard explains the differences among tortoises, terrapins and turtles.
- 597.92 **ANIMAL FAMILIES: THE TURTLE - BARR - 11 Min. P-I-J**
- 597.98 **CROCODILES (WILD WILD WORLD OF ANIMALS) - VESTRON 30 min. - P-I (1975)**

Observe the mother crocodile caring for her hatchlings; reveals the truth behind stories of the crocodile's ravenous appetite and discusses the legend of the crocodile bird.

- 598.1 **FISH, AMPHIBIANS AND REPTILES** 22 min. P-J
Theme: Life Science (This video shows how amphibians, fish and reptiles are unique and how they adapt to their environment.
- 598.1 **LEARNING ABOUT REPTILES** - NATL GEOG - 12 min. P-I
Subject Area: Science (1986)
The film introduces the five major reptile groups that have survived until today: crocodiles and alligators, snakes, lizards, turtles, and the rare tuatara.
- 598.1 **REPTILES (REV)** - CORONET - 14 min. I-J-H
Subject Area: Science
Descendants of the life form that dominated earth for millions of years today can be found in nearly every environment.
- 598.1 **REPTILES** - NATL GEOG - 20 min J-H (1973)
Subject Area: Science
Over the ages, through the evolution of amphibians to reptiles, countless forms of life have died out.
- 598.1 **SNAKES (2nd Ed. REV)** - CORONET 14 min I-J
Subject Area: Science
In a wide-ranging survey of snakes that focuses on habitats and structural and behavioral adaptations, we observe how snakes move and feed, examining closely their distinctive features.
- 598.1 **SNAKES AND HOW THEY LIVE (REV)** - AIMS - 12 min I-J
Subject Area: Science
This film shows the physical characteristics of different species of snakes.
- 598.1 **SNAKES, SCORPIONS & SPIDERS** - LCA - 15 min. I-J-H
Subject Area: Science
The short grass prairie is home for three of man's most feared and most despised animals - snakes, scorpions and spiders.
- 598.2 **ALPHABET OF BIRDS (2nd Ed)** - CORONET - 12 min. P
Subject Area: Language Arts/Science
Alphabet letters are illustrated and used to name a wide variety of birds, thus giving the student valuable practice in word and sound recognition.
- 598.2 **BABY BIRDS** - KODAK - 30 Min. – P (1988)
Scientist Thane Maynard discusses the difference between nest lodgers and nest leavers and how they are cared for by their parents.
- 598.2 **BACKYARD BIRDS** - NATL GEOG - 15 Min. - P-I
Subject Area: Science (1988)
Shows a variety of familiar birds-including robins, cardinals, and chickadees-and discusses their food, water, and shelter requirements as well as their habits and territorial needs.
- 598.2 **BIRDS** - NATL GEOG - 12 Min. - P-I (1986)
Subject Area: Science
Birds both familiar and exotic are used to introduce such topics as food-getting, flight, & courtship.
- 598.2 **BIRDS (REV)** - CORONET - 14 Min. - I-J-H
Subject Area: Science
This revised film investigates in greater depth the structural adaptations that enable birds to fly.
- 598.2 **BIRDS AND RODENTS (Tell Me Why Series)** - PRISM 30 min. All Ages (1989)
This program presents & answers questions about birds and rodents.

- 598.2 **BIRDS IN WINTER** (2nd Ed) - CORONET - 11 Min. P-I-J
 Subject Area: Science/Ecology
 Winter gives your pupils a unique opportunity to closely observe birds in the natural setting of a backyard feeding station.
- 598.2 **BIRDS OF OUR STORYBOOKS** (REV) – CORONET 9 min. - P
 Subject Area: Language Arts/Science
 From farm to city to sea, well-known American birds are shown in their natural environments and in typical storybook illustrations.
- 598.2 **BIRD'S NEST** (MANY WORLDS OF NATURE) - MTI 13 min. I-J
 Subject Area: Science
 This film shows us the egg-laying and nesting habits of birds, and it explains what these habits reveal about the evolution of birds.
- 598.2 **BIRD'S YEAR** (MANY WORLDS OF NATURE) - MTI 12 min. I-J
 Subject Area: Science
 Examination of several common species provides new appreciation of the vast differences in habit and lifestyles that occur not only from species to species, but throughout the passage of the year.
- 598.2 **BLUEBIRDS...BRING THEM BACK** - BERLET - 20 min P-I-J-H (1986) Subject Area: Science
 These beautiful birds will steal your heart as you watch them struggle against many odds to find nesting places to incubate their eggs and raise their young.
- 598.2 **DEATH ON THE WING** (LORNE GREENE'S WILDERNESS) PRISM - 30 min. P-I (1984)
 Soar with the golden eagle.
- 598.2 **FLIGHT OF PENGUINS** (UNDERSEA WORLD OF JACQUES COUSTEAU) GUIDE ASSOC. 60 min (1986)
 Using their reconnaissance helicopter the crew follows mature penguins as they return to the rookery in the summer, when the ice breaks up.
- 598.2 **LOOKING AT BIRDS** (REV) - EBEC - 11 min P
 Subject Area: Science (1988)
 Illustrates some of the ways in which birds differ from other animals-in appearance, body structures and functions, and behavior.
- 598.2 **ROBIN REDBREAST** (2nd Ed) - EBEC - 11 min P-I
 Subject Area: Science
 This film provides an over-all study of this best known North American bird.
- 598.2 **TRUMPETER SWANS RETURN** - BERLET - 20 min All Ages
 Subject Area: Science
 Swans are found in many parts of the world and two are native to North America, the tundra swan and the trumpeter.
- 598.2 **TWO LITTLE OWLS** - BERLET 20 min All Ages (1984)
 Subject Area: Science/Language Arts
 Share the excitement and intimacies that are filmed of the two little owls nest life over seven weeks.
- 598.2 **WHAT IS A BIRD?** - EBEC- 16 min - H
 Subject Area: Science/Biology
 This film shows the evolutionary relationship between birds and reptiles.
- 598.2 **WHY BIRDS SING** - CORONET - 29 Min. - I-J-H
 Subject Area: Science
 Observations suggest that birds sing to claim their territories and to attract mates.
- 598.4 **A LOVE STORY: THE CANADA GOOSE** (LORNE GREENE'S WILDERNESS) - PRISM - 30 Min. - All Ages

A powerful story of love and devotion as the graceful Canadian geese raise their young in the face of constant danger from raccoons, minks and man. (1982)

- 598.8 **MASTER HUNTER OF THE NIGHT** (LORNE GREENE'S WILDERNESS) - PRISM - 30 min. - All Ages
Explore the true nature of the fabled night predator - the horned owl. (1982)
- 598.8 **WHITE LIGHTENING** (LORNE GREENE'S WILDERNESS) PRISM - 30 min. - All Ages (1982)
The snowy owl prevails on Quebec's Hudson Bay.
- 599 **ADVENTURES OF BUNNY RABBIT** (2nd Ed) – EBEC 10 Min. – P (1984)
Shows what young gray rabbits look like, the kind of home in which they live, and how mother rabbits care for their young.
- 599 **AFRICAN LION & REALM** - DISNEY - 20 Min. - I-J-H
Hidden for centuries by desert, jungle and swamps, this area and animal habitats have only recently come to the attention of scientists. This film discusses the lion and how he fights for his survival. (1964)
- 599 **AFRICAN WILDLIFE** - NGS - 60 Min - All Ages (1986)
Witness the realities of birth, death and survival in this vivid encounter with the animal world.
- 599 **ANIMALS OF THE NIGHT** - KODAK - 30 Min. - All Ages
Scientist Thane Maynard introduces us to the world of nocturnal animals. (1988)
- 599 **CHEETAH** - EBEC - 10 Min. - P
Lifestyle and habitat of the cheetah.
- 599 **ENCHANTED FOREST** (LORNE GREENE'S WILDERNESS) PRISM - 30 Min. – P (1982)
Explore the magical world of the red deer.
- 599 **FRESH WATER ANIMALS** - KODAK - 30 Min. - All Ages
Just one-five-thousandth of the earth's water is fresh. Scientist Thane Maynard discusses how inhabitants of fresh water find ingenious ways to survive. (1988)
- 599 **GIRAFFE** - EBEC - 10 Min. - P-I-J - (2 Copies)
Examines the physical characteristics and behavior of African animals in their natural environment.
- 599 **GRIZZLIES** - NGS - 60 Min. - All Ages (1987)
Travel from Alaska's Brooks Range to Wyoming's Yellowstone National Park for a fascinating portrait of this powerful, intelligent and extremely aggressive creature.
- 599 **LAND OF THE POLAR BEARS** (Nova Series) - 60 Min.
Travel to remote Wrangel Island for a look at the largest denning area for polar bears as well as the Siberian snow goose. (1985)
- 599 **LION** - EBEC - 11 Min. - P-I-J
Examines the physical characteristics and behavior of African animals in their natural environment.
- 599 **MAMMALS** (REV) - CORONET - 14 Min. - I-J-H
Subject Area: Science
In the structure of their bodies and the size of their brains, mammals are the most highly developed animals on earth.
- 599 **MAMMALS** – 100% Educational Video – 20 min. (1998)
What animals have hair or fur, give birth to live young, feed their young milk, and are warm blooded? Mammals, of course?
- 599 **MAMMALS** - NGS - 12 Min. - P - (1982)
Subject Area: Science

Mammals are probably the most familiar animals on earth. The film identifies those characteristics that set mammals apart and helps sharpen students classifying skills.

- 599 **MAMMALS (TELL ME WHY) - PRISM - 30 Min. - P-I**
Discusses a diverse group of mammals to include whales, porpoises, kangaroos, bears, etc.
- 599 **MAMMALS AND THEIR YOUNG - NGS - 15 Min. - P-I**
Subject Area: Science (1988)
Shows us some of the characteristics common to all mammals, including humans, as well as the great variety among mammals.
- 599 **MANATEES AND HOW THEY LIVE - AIMS - 26 Min. - J-H**
A rare glimpse into the world of one of the most endangered marine mammals on earth.
- 599 **POLAR BEAR ALERT - NGS - 60 min. All Ages (1982)**
Narrated by Jason Robards, journey to Churchill, Manitoba, where residents witness the migration of the polar bear that are on a northward trek.
- 599 **THE SECRET LEOPARD - NGS - 60 min. All Ages (1986)**
This intimate profile takes you to Kenya's famous Masai Mara Game Reserve, where the mother of three young cubs prowls her haunts and strives to raise her family.
- 599 **WHY CAN'T I FLY LIKE A BIRD? (WONDER WORLD OF SCIENCE) - CORONET - 11 min P**
Subject Area: Science
"Flying looks like so much fun," sighs a frustrated Wondercat, as he flaps the useless wings he has made for himself.
- 599 **ZEBRAS (EYE ON NATURE) - CORONET - 10 min I**
Subject Area: Science
The lives of these horselike African mammals are actually quite colorful.
- 599.32 **BEAVER FAMILY - (2nd Ed) - EBEC - 14 min P-I-J (1984)**
Subject Area: Science/Animal Life
Filmed on location in the Rocky Mountains, this charming film pictures a beaver family as it interacts with its natural environment throughout the year.
- 599.32 **BETWEEN THE WALLS (LOOK AGAIN) – BULLFROG (1990) 10 min. - P**
A young girl discovers a mouse that lives between the walls of her home and solves a problem when it is threatened.
- 599.32 **IN BEAVER VALLEY (NATURE CLASS)- DISNEY - 32 min I-J-H**
Subject Area: Science/Language Arts
Wild life in he wilderness of the Continental Divide.
- 599.32 **MICE AND HOW THEY LIVE - AIMS - 11 min. - I**
A close up view of mice - playing, eating, their habits and habitat and their natural enemies.
- 599.32 **ROCKY MOUNTAIN BEAVER POND - NGS - 60 Min. All Ages (1987)**
Tireless worker, exceptional parent, and highly skilled builder, the beaver has earned its reputation as nature's great architect & engineer.
- 599.4 **BATS & HOW THEY LIVE - AIMS - 14 Min. - I-Adult**
Close up, slow motion photography captures a rare and unique view of a variety of species of bats. Discusses the bat's anatomy, flight movements, and hunting abilities.
- 599.5 **ABOUT SHARKS - NGS - 12 Min. - I-J-H (1981)**
Introduces students to some of the more than 300 species of sharks. Features a shark embryo developing in an egg case and then hatching.
- 599.5 **ANIMAL FAMILIES: DOLPHINS & WHALES - BARR - 11 min P-I**
Subject Area: Science
These animals are warm-blooded and have blow-holes on the tops of their heads an aid in

breathing.

- 599.5 **CLOSE ENCOUNTERS OF THE DEEP KIND** (LORNE GREENE'S WILDERNESS) - PRISM - 30 min. - All Ages
Sail into the northern Pacific and help solve the mystery of the humpback whale. (1987)
- 599.5 **HUNTERS OF CHUBUT** - PRISM - 22 min. - All Ages Narrator: Lorne Greene (1985)
Visit the rugged Atlantic coast of Argentina where sea lions & penguins battle & breed in a packed & frenzied colony. Even these large hunters fall prey to the biggest, most powerful predators on earth-the Killer Whale.
- 599.5 **PORTRAIT OF A WHALE** - NATL GEOG - 12 min. - P-I
Subject Area: Science (1986)
Filmed off the coast of southern Argentina, the film captures these powerful but gentle giants as they perform a variety of daily activities.
- 599.5 **THE RIGHT WHALE: AN ENDANGERED SPECIES** – NGS 23 Min. - J-H (1976)
The remarkable footage in this film captures in great detail many physical characteristics of the whales.
- 599.5 **SHARKS** - NGS - 60 Min. - J-H (1982)
Takes you on a special expedition to study these fish of fearful legend and challenge the myths surrounding them.
- 599.5 **THE SINGING WHALE** (UNDERSEA WORLD OF JACQUES COUSTEAU) GUID. ASSOC. - 60 Min. - J-H
Cousteau and crew follow the humpback whale during their migration from the polar regions. They observe mother whales giving birth and nurturing their young and their eventual reunion with the males. (1986)
- 599.5 **A SOUND OF DOLPHINS** (UNDERSEA WORLD OF JACQUES COUSTEAU) GUID ASSOC - 60 Min.- J-H
The crew attach an underwater camera to the ship so that they may observe the behavior of the free-spirited dolphins. (1986)
- 599.5 **WONDER OF DOLPHINS** - CORONET- 11 Min. - All Ages
Subject Area: Science
The introduction to this motion picture enumerates some of the extraordinary attributes of dolphins.
- 599.61 **BOY OF INDIA: RAMA & HIS ELEPHANT** - (REV) CORONET 12 Min. - P-I
Subject Area: Social Studies
On a plantation in a verdant valley in the state of Assam in India, young Rama is learning how to be a mahout - an elephant handler - like his father.
- 599.61 **ELEPHANT** - NGS - 60 min. - J-H (1990)
From Sri Lanka to Kenya, this in-depth look at the largest, strongest, and among the most intelligent creatures is charming, and sometimes alarming.
- 599.61 **ELEPHANT BABY** - EBEC - 11 Min. - P-I
Subject Area: Language Arts/Social Studies
Filmed in Mysore, India, this film tells the story of a baby elephant, from his first day in the forest, through the many weeks of training in a "classroom" made of bamboo poles, to the day he joins a working force of elephants in a teakwood lumber camp.
- 599.61 **ELEPHANTS** - CORONET - 5 Min. - P
Subject Area: Science
Big! Heavy! Noisy! With trumpeting cries and lumbering strides, elephants come thundering across the grassy plains, big ears flapping, great trunks swinging, stripping leaves from trees, squirting water into their mouths and dust all over their bodies.
- 599.72 **ANIMAL FAMILIES: THE HORSE** - BARR - 11 min. - P-I

- 599.72 **FIRST LOOK AT HORSES** - AIMS - 14 min. - P
Presents a concise overview of the horse: its history, its remarkable qualities and how it lives.
- 599.72 **YESTERDAY'S HEROES** (LORNE GREENE'S WILDERNESS) PRISM - 30 min. - All Ages (1988)
Venture to Australia and experience the harsh and fatal reality of horses, donkeys, and camels whose strong backs helped build the island continent.
- 599.73 **THE BUFFALO STILL ROAM** - BERLET - 20 Min. - J-H
The buffalo played an important role to the Indians and had peaked in population to 60 million. When they numbered less than 300, measures were taken to protect them from complete extinction.
- 599.74 **ALL ABOUT BEARS** - BERLET - 20 min. - P-I
Talks about the three different types of bears in North America, the Polar, Black and Grizzly, its lifestyle and habitats.
- 599.74 **FROZEN EDEN** (LORNE GREENE'S WILDERNESS) (1987) PRISM - 30 Min. - All Ages
Journey to the vast Ungava Peninsula, where the world's last great Caribou herds thunder over a frozen Eden on their annual thousand mile migration.
- 599.74 **HUNTRESS** -(LORNE GREENE'S WILDERNESS) – PRISM 30 Min. - All Ages (1988)
Trek across the Colorado Rockies with a young cougar after her mother drove her from the family den.
- 599.74 **KINDNESS KILLS** (LORNE GREENE'S WILDERNESS) PRISM - 30 Min. - All Ages (1988)
When the black bears become addicted to human handouts, they can become dangerous in such close proximity to the tourists.
- 599.74 **LAND OF THE TIGER** - NGS - 60 Min. - All Ages
Features spectacular footage of tigers stalking their prey, caring for their young, swimming, playing and fighting. (1985)
- 599.74 **LIONS** (WILD, WILD WORLD OF ANIMALS) - P-I - 30 min
Journey to the Serengeti reserve in Africa to observe a pride of lions, and discover that the lioness is really the head of the household!(1975)
- 599.74 **OLD DOGS, NEW TRICKS** (LORNE GREENE'S WILDERNESS) All Ages - 22 min. (1987)
Travel to the mountains of Montana and Wyoming to meet the smart, adaptable new king of the wild - the coyote.
- 599.74 **"PANDAS: A GIFT FROM CHINA"** - EBEC - 14 Min. P-I
Subject Area: Language Arts/Zoo (1974)
The body fur of giant pandas is white, but their limbs, ears, and areas around their eyes are black.
- 599.74 **PLAYFUL PANDAS** - CORONET - 10 Min. - P
Subject Area: Language Arts
Washington, D.C. has had one of its infrequent snowfalls, giving a delightful climax to the story of two pandas in their new outdoor enclosure at the National Zoo.
- 599.74 **SAVE THE PANDA** - NGS - 60 Min. (1983)
The heartwarming story of China's living treasure in its struggle for survival.
- 599.74 **SEAL ISLAND** - DISNEY - 33 Min. - I-J-H
Subject Area: Science, Soc. Studies
The annual return of the fur-bearing seal to the Pribilof Islands to bear their young and mate.
- 599.74 **WOLVES AND HOW THEY LIVE** - AIMS - 17 Min. - I
Witness the private lives of a pack of Canadian timber wolves, and notice the similarities of wolves and humans.
- 599.8 **ANIMAL FAMILIES: THE MONKEY** - BARR - 11 Min. - P-I

- 599.8 **CHEETAH** - EBEC - 11 Min. -P-I-J
- 599.8 **IT'S A MALE WORLD** (LORNE GREENE'S WILDERNESS) 30 min. - J-H (1988)
Examine the unusual sexual dynamics of the Hamadryas, a species of baboon whose social hierarchy operates as a male tyranny.
- 599.8 **TALE OF THE SNOW MONKEY** (LORNE GREENE'S WILDERNESS) 30 min. - All Ages (1988)
This episode follows the lives of four groups of snow monkeys and their remarkable tale of survival.
- 599.88 **ASCENT OF THE CHIMPS** (LORNE GREENE'S WILDERNESS) 30 min. - All Ages (1987)
Filmed at the Arnhem Zoo in the Netherlands where the natural habitat of the chimp has been built. Observe their community of love, power struggles, reconciliation and even murder!
- 599.88 **APES** - CORONET - 5 min - P
Subject Area: Science/Language Arts
Featuring the chimpanzees, gibbons, and gorillas.
- 599.88 **GREAT APES: FACTS VS FANTASY** - EBEC 23 min. I-J-H
Subject Area: Science
Surveys the four classes of great apes in existence today: gorillas, orangutans, chimpanzees, and pygmy chimpanzees

HUMAN BODY

- 611 **HUMAN BODY TORSO KIT MODEL** - NYSTROM
- 611.1 **CIRCULATION AND THE HUMAN BODY, REV** - CHURCHILL - 11 min. I-J-H
Subject Area: Science/Health
The film demonstrates the heart's action; describes the function of the pulmonary circulation, and the function of the arteries, veins and capillaries in the systemic circulation.
- 611.1 **HUMAN BODY: CIRCULATORY SYSTEM** – CORONET 12 Min. - I-J-H
- 611.1 **THE HUMAN BODY: CIRCULATORY SYSTEM (2ND ED)** – CORONET 16 min. HS
Subject Area: Science/Biology
Beating slower, faster, steadily resting briefly between beats, your four-chambered heart sends blood surging through a double circuits, bringing food.
- 611.1 **PUMPING LIFE: HEART & CIRCULATION SYSTEM** - RAINBOW-NYSTROM 22 Min. - I
Describes the structure and function of the human circulatory system and the heart.
- 611.2 **BREATHING & RESPIRATION: MECHANICS OF LIFE** - BFA 9 Min. – I
Subject Area: Science
Our lungs provide us with a very large surface through which oxygen can pass into the blood. Air is pulled into the lungs by the movement of ribs and a muscular tissue called the diaphragm.
- 611.1 **BREATHING & RESPIRATION (YOUR ACTIVE BODY)** – CORONET 10 min I
X-ray motion pictures help explain the process that brings oxygen into your lungs (breathing), transfers it to our blood which then makes it available to all the living cells of your body (respiration).
- 611.2 **CIRCULATORY & RESPIRATORY SYS.** - NGS 20 min J-H . (1988)
This film explores what happens when a blood vessel ruptures. The camera captures a white blood cell as it seeks out, attacks, and consumes invading bacteria
- 611.2 **THE HUMAN BODY: RESPIRATORY SYSTEM (2nd Ed)**- CORONET - 12 Min.- I-J-H
Diagrammatic animation on a molecular, cellular & organic level shows how air flows into your body, gives up oxygen that passes through capillaries in your lungs into your blood, and then,

combining with the hemoglobin, is carried by the pulsing arteries and capillaries to your cells for use.

- 611.3 **DIGESTION AND ABSORPTION (YOUR ACTIVE BODY)** - CORONET - 12 Min. - I
Your cells need foods that provide certain nutrients so you need to choose the foods you eat as wisely as zookeepers choose food for animals.
- 611.3 **DIGESTION AND THE FOOD WE EAT (MECHANICS OF LIFE)** BFA - 9 Min.- I
Subject Area: Life Science
All living things need food for energy and growth. The foods we eat must include enough carbohydrates and fats to provide us with energy & enough proteins to allow us to grow.
- 611.3 **DIGESTION: FOOD TO ENERGY** - BARR - 17 min. I-J
Subject Area: Life Science
This film traces how food is digested and absorbed by the body to fight disease and keep it running smoothly.
- 611.3 **DIGESTIVE SYSTEM (2nd Ed)** - EBEC - 20 min. J-H (1981)
Subject Area: Biology
Explains both chemical and mechanical processes by which the digestive system converts food to energy.
- 611.3 **DIGESTIVE SYSTEM** - NGS - 20 min. J-H (1988)
Advanced image techniques are used in this film to explore the fascinating internal processes of the digestive system
- 611.3 **THE HUMAN BODY; DIGESTIVE SYSTEM (2nd Ed)** CORONET 17 min H
Foods can't be used by your body in the form it is when you eat it. Breaking it down into parts that are smaller physically and simpler chemically is the work of your digestive system.
- 611.3 **GLANDS & YOUR BODY** - BARR - 17 min. H (1987)
This film offers a clear and detailed explanation of the many different glands which help control our body.
- 611.3 **HEART & CIRCULATION (YOUR ACTIVE BODY)** - CORONET - 10 min. I
Subject Area: Science
For you to stay alive & active, the cells of your body have to be supplied with nutrients and oxygen, and waste products have to be carried away from them.
- 611.3 **HEART & LUNGS PLAY BALL** - DISNEY - 11 min. P-I
Subject Area: Science/Health
Located in the Cranium Command, the decision-making center of the brain, Captain Cortex introduces viewers to the animated heart, lungs and circulatory system of a sixth grader named Jessica.
- 611.7 **BONES & JOINTS (MECHANICS OF LIFE)** - BFA 8 min. I
Subject Area: Life Science
Our skeletons have several functions. They support other parts of our bodies, help us move, provide protection for delicate organs, and play a role in the development of blood cells.
- 611.7 **BONES & MOVEMENT (YOUR ACTIVE BODY)** - CORONET 11 min. I
Subject Area: Life Science/Health
X-rays show how bones are held together by ligaments, how different kinds of joints function and how bones are cushioned from shocks.
- 611.7 **BONES & MUSCLES GET RHYTHM** - DISNEY - 11 min. P-I
Subject Area: Science/Health
The program teaches young viewers how the bones, muscles, joints & ligaments work together to facilitate movement.

- 611.7 **BONES & MUSCLES: A TEAM** - BARR - 18 min. I-J
In order to keep our muscles & bones strong, we must use them. Lots of exercise, rest & sleep, and eating nutritious food are the keys to building healthy muscle tone.
- 611.7 **THE HUMAN BODY: MUSCULAR SYSTEM** (2nd Ed)- CORONET 11 min. I-J-H
Subject Area: Science/Biology
Some four hundred muscles, nearly half your body weight, are responsible for every internal & external movement your body makes.
- 611.7 **MUSCLES AND ENERGY (YOUR ACTIVE BODY)** - CORONET - 11 min. I
Subject Area: Science
Animation shows how muscles get and use energy and produce wastes that can make them ache.
- 611.7 **MUSCLES AND MOVEMENT (MECHANICS OF LIFE)** - BFA - 10 min I (2 COPIES)
Muscles move by contracting. Muscles can only contract and relax. Most of the muscles in our body can be described as voluntary or involuntary.
- 611.7 **MUSCULAR & SKELETAL SYSTEMS** - NGS - 20 min. J-H (1988)
Introduction of the bones and skeleton, which protect and support the body.
- 611.7 **MUSCULAR STRENGTH AND ENDURANCE** - BFA 16 min I-J
Subject Area: Physical Education
Describes a program for developing strength and endurance of the upper body, arms, and abdominal muscles.
- 611.7 **OUR FLEXIBLE FRAME: SKELETAL & MUSCULAR SYSTEMS** - RAINBOW/NYSTROM 22 Min.- I-J
This film describes the two systems of the human body and explains how they work, together and separately.
- 611.8 **THE HUMAN BODY: NERVOUS SYSTEM** (2nd Ed) – CORONET 24 min. - J-H
Subject Area: Science/Biology
The colors and sounds and odors-the myriad shapes and texture that make up your world-only exist for you because of the billions of cells that form your nervous system.
- 611.8 **NERVOUS SYSTEM** (3rd Ed) - EBEC - 16 min. J-H
Subject Area: Science/Biology
Vivid color animation and rare micrographs of actual nerve cells help to visualize and explain how the nervous system controls and integrates all body activities by sensing changes, interpreting them, and reacting to them.
- 611.8 **NERVOUS SYSTEM** - NGS - 20 min. - J-H
Explanation of how the nervous system connects the human body to its external environment through sensory receptors, such as eyes, ears and those in the skin.
- 612 **ALL YEAR 'ROUND: GROWING** - JOURNAL - 15 min. – P (1988)
Discusses how all living things grow and change, including people.
- 612 **BOY STUFF** – CHURCHILL – 16 min. I-J
Subject Area: Health, Hygiene
A hygiene file about a serious subject told with a light touch that eliminates ho-hums.
- 611 **BOY TO MAN (3rd Ed)** – CHURCHILL – 19 mins. I-J
Subject Area: Sex Education, Health
Answers difficult questions boys ask themselves as they go through puberty, and what lies ahead.
- 612/
371 **CAN A GUY SAY NO?** - LCA - 31 min. - H
Subject Area: Sex Education
Peer group and parent-teen situations provide a thoughtful examination of adolescent sexuality in this unique program.
- 612 **EYES: SEEING THE LIGHT** - CORONET - 15 Min. I-J

Subject Area: Health/Science (2 COPIES)
Illustrates the structure and functioning of the human eye.

- 612 **OUR FIVE SENSES** – 100% Educ. Videos – 12 min. I-H
Subject Area: Health
- 612 **GIRL STUFF** (2nd ED) – CHURCHILL – 17 min. I-J
Subject Area: Health, Feminine Hygiene
Here are all the things a girl needs to know about how to take care of her blossoming body.
- 612 **GIRL TO WOMAN** (2nd ED) – CHURCHILL – 17 min. I-J
Subject Area: Health, Sex Education
Answers difficult questions girls ask themselves as they go through puberty, and what lies ahead.
- 612 **HEALTH: YOUR SENSES AND THEIR CARE** (2nd Ed) – AIMS 8 Min. - P
Subject Area: Health/Safety
Teaches the names and basic functions of the five senses.
- 612 **LEARNING TO USE YOUR SENSES** (2nd Ed) - EBEC 9 Min. - P (1984)
Subject Area: Science/The Senses
This film uses the varied experiences of a birthday party to teach primary-school children about their five senses.
- 612 **MAN: THE INCREDIBLE MACHINE** - NGS - 28 Min. J-H (1982)
Subject Area: Science
A colorful exposition of the ingenious design and adaptability of the human body; the most complex of living organisms.
- 612 **REPRODUCTIVE SYSTEMS** - NGS - 20 Min. - J-H
This film follows the development of human life from fertilization to birth.
- 612 **SENSES** (MIP Series) - EBEC - 26 Min. P (2 COPIES)
Discusses your five senses.
- 612 **SENSES AND THE WORLD AROUND YOU** - BARR 21 Min. I-J
Subject Area: Science
Explains how our senses - seeing, hearing, smelling, tasting, touching, and more - are the tools that help us know the world around us.
- 612 **SKIN: YOUR AMAZING BIRTHDAY SUIT** – CORONET 13 Min. - I-J (1984)
Subject Area: Health/Safety
As this film demonstrates, your "amazing birthday suit" always fits properly, furnishes one of your body's main barriers against germs and dirt, gives you your sense of touch, and helps regulate body temperature.
- 612 **SMELLS TELL** - STANTON - 10 Min. - P
This film shows that we are aware of our surroundings only through our five senses, and to emphasize the role of our sense of smell.
- 612 **STOMACH STORY** - CORONET - 14 Min. - P (1983)
Subject Area: Health/Science
Spinner has a stomachache and Dr. Jonas uses the Magnificent Body Model to introduce him to our amazing digestive system.
- 611 **THEN ONE YEAR** – CHURCHILL – 23 min. I
Subject Area: Sex Education, Health
Answers the difficult questions girls and boys ask themselves as they go through puberty.
- 612 **YOU AND YOUR EARS** - DISNEY - 8 Min.- P
Subject Area: Health/Safety
The structure of the ear is clearly explained along with rules for proper ear care and safety.

- 612 **YOU AND YOUR EYES** - DISNEY - 8 min P
 Subject Area: Health/Safety
 Jiminy gives a memorable explanation of eye structure and function as well as basic rules for eye safety and care.
- 612 **YOU AND YOUR FIVE SENSES** - DISNEY 8 min. P (1984)
 Subject Area: Health/Safety
 Man has the same five senses as other animals, but because of his power to reason, he often responds differently to the same stimuli.
- 612 **YOU AND YOUR SENSE OF SMELL AND TASTE** - DISNEY - 8 min P
 Subject Area: Health/Safety
 A fascinating insight into how two of the five senses work together for our enjoyment and protection.
- 612 **YOU AND YOUR SENSE OF TOUCH** - DISNEY - 8 min. P
 Subject Area: Health/Safety
 Touch is really four sensations - cold, hot, pressure, and pain - perceived by the brain.
- 612 **YOU - THE HUMAN ANIMAL** - DISNEY - 8 min. P
 Subject Area: Health/Safety
 Students will learn that their uniqueness as human beings stems from highly developed intelligence, language skills, and the ability to reason and adapt.
- 612 **YOU-THE LIVING MACHINE** - DISNEY - 8 min. P (1988)
 Subject Area: Health/Safety
 Jiminy Cricket demonstrates how our "living machine" converts fuel (food) into energy and transports it to all parts of the body and explains what to do for body maintenance and repair.
- 612 **YOUR EARS** (2nd Ed) - EBEC - 6 min. P
 The ear extends deep inside the human head. The outer ear funnels sound waves into the ear whereas the process of actually identifying and interpreting sounds takes place in the brain.
- 612 **YOUR EYES** (2nd Ed) - EBEC - 10 min. P (1989)
 Subject Area: Health/Science
 This program identifies the parts of the eye, how the eye works, and how the body functions to care for and protect the eye.
- 612.014 **MEDICINES, DRUGS, & POISONS (OUR WONDERFUL BODY)** - CORONET - 9 min. P
 Subject Area: Health/Guidance
 Stresses the importance of taking only those medicines prescribed by a doctor, or if no prescription is needed, only those administered by their parents.
- 612.11 **THE IMMUNE SYSTEM: YOUR MAGIC DOCTOR** - BARR - 20 min. I-J
 Comparing the body to a fortress constantly under siege by "invaders", this film presents the immune system as a hardworking internal "doctor" that detects and destroys microscopic disease-causing agents.
- 612.11 **OUR IMMUNE SYSTEM** - NGS - 25 min. H (1988)
 This film discusses the diseases, which occur when the immune system turns against the body itself, and allergies, which occur when the body attempts to defend itself against harmless microorganisms. Also discusses AIDS.
- 612.11 **LIFE OF A RED BLOOD CELL** - AIMS - 10 min. P-I
 Subject Area: Health/Science
 The life of a red blood cell is an exciting, sometimes hazardous one as this humorous, animated, introduction to the circulatory system shows.
- 612.3 **EAT FOR HEALTH** (2nd Ed) - EBEC - 8 MIN. P (1982)
 Subject Area: Food/Health (2 COPIES)
 Helps young viewers understand that what they eat affects how they feel and contributes to their increased energy and growth.

- 612.3 **EVERYBODY NEEDS FOOD** – 100% Educ. Videos – 18 mins. I-H
Students will learn about the human requirement for nourishment. They will also learn about how food is grown, the food pyramid, and many of the different forms of food that exist.
- 612.3 **FOOD** - EBEC - 15 min. P-I (1984)
Subject Area: Social Studies/Basic Economics
The film identifies the four basic food groups needed for good nutrition and promotes an awareness of the value of a well-balanced diet.
- 612.3 **FOOD CHAINS: A BOND OF LIFE** - BARR - 15 min. J-H
Subject Area: Life Science
Shows how energy from the sun is converted into food by plants and then passed on through a complex food chain to nourish every other living thing on earth - including human beings.
- 612.3 **FOOD: ENERGY FOR LIFE** - CORONET 9 min. J-H (1983)
Subject Area: Science/Biology
The important concepts of photosynthesis, food chains, and the recycling of nutrients through death and decay are shown to be vital to this balanced unending cycle of nature.
- 612.3 **FOODS AND FUN: A NUTRITION ADVENTURE** - DISNEY -13 min. P-I
Animated film that presents nutrition concepts and shows how good health results from proper nutrition, rest, and exercise.
- 612.3 **GOOD EATIN'** - CORONET - 15 min. P-I
Subject Area: Health/Science
Choice, not chance, is the key to good eating, as Spinner learns when Dr. Alice introduces him to the importance of proper nutrition.
- 612.3 **GOOD EATING HABITS** (2nd Ed) - CORONET 10 min. P-I
Subject Area: Health/Safety
Humorous comparison between the "bad" eating habits of zoo animals and the good eating habits of children, show how good eating habits contribute to more pleasant mealtimes and better health.
- 612.3 **HEALTH: FOOD & NUTRITION** (2 Ed) -AIMS -13 min. P-I
The program teaches the need for food-for energy and growth-as well as the need for the "right amount" of food from a wide variety of choices.
- 612.3 **HEALTH: EXERCISE, REST, AND SLEEP** (2nd Ed) - AIMS 11 min. - P-I
Through animation and dramatization, the film teaches some important ideas about good health.
- 612.3 **HOW A HAMBURGER TURNS INTO YOU** - Perennial 19 min
- 612.3 **JUNK FOOD MAN** - AIMS - 10 min. P-I
Subject Area: Nutrition
Encourages good nutrition by explaining why junk foods are useless and even harmful.
- 612.3 **NUTRITION** (MIP Series) EBEC - 18 min. P (2 copies)
Discusses the importance of good nutrition.
- 612.3 **NUTRITION: FUELING THE HUMAN MACHINE** - BFA – 18 Min. - J-H Subject Area: Health/Biology/PE
The possible dangers of food additives and sugar, and the need of exercise to avoid obesity complete this holistic approach to nutrition - an energetic approach which will inspire viewers to upgrade their personal fuel.
- 612.3 **NUTRITION: SOME FOOD FOR THOUGHT** - CORONET - 16 Min.- I
Subject Area: Health, Nutrition
- 612.3 **NUTRITION FOR HEALTH: THE FOOD PYRAMID** – AIMS 15 Min. - J-H

This program defines the Food Pyramid, discusses proper nutrition with high school students and talks about the five food groups.

- 612.3 **THUMBS UP FOR NUTRITION** - NATL DAIRY COUN. 16 min
- 612.3 **WHAT'S GOOD TO EAT?** - PERENNIAL - 17 Min. - I
This film shows how the body uses nutrients from food and it presents the four food groups as a reliable pattern for making responsible food choices.
- 612.3 **YOU AND YOUR FOOD** - DISNEY - 8 Min. - P
Subject Area: Health
Discusses the value of food and the kinds necessary to good health.
- 612.7 **ALL YEAR 'ROUND: MOVING** - JOURNAL - 15 Min. - P
- 612.7 **BODY MOVEMENT (M.I.P. SERIES)** - EBEC - 25 Min. P – (2 Copies)
- 612.71 **HUMAN BODY: SKELETAL SYSTEM (2nd Ed)** – CORONET 14 Min. - I-J-H (1985)
Subject Area: Science/Biology
A living framework of hard, firm bones fitting together in a variety of ways, gives your body its form and flexibility, protects your vital organs and lets you move.
- 612.71 **THE SKELETON (2nd Ed)** - EBEC - 17 Min. J-H (1985)
Subject Area: Biology/Life Sciences
Identifies the functions of an animal skeleton. Depicts the structure of the human skeleton and the function of each group of bones.
- 612.82 **HUMAN BODY: THE BRAIN** - CORONET - 16 Min. - I-J-H
Subject Area: Brain/Nervous System
The human brain - about three and a quarter pounds of sensory, associative and motor neurons - is the central organ of the nervous system and regulatory of all voluntary and involuntary actions in the body.
- 612.82 **BRAIN & NERVOUS SYSTEM THINK SCIENCE** - DISNEY - 11 min. P-I
Viewers learn how the brain and the nervous system work together to control our actions and thoughts.
- 612.82 **BRAIN AND SPINAL COLUMN** - AIMS
LVD The functions and structures of the brain, spinal cord, and nerves are explained with the help of laboratory experiments, diagrams, models and microphotography.
- 613 **DANGEROUS TO YOUR HEALTH** - AIMS 8 min. P-I (1987)
Subject Area: Health/Drug Abuse
This film reveals a young boy's daydreams of the careers he desires to pursue, and expose how the use of cigarettes, marijuana and alcohol could affect his physical health and mental alertness which are vital to each of his professional ambitions.
- 613 **GOOFY'S HYGIENE GAME** - DISNEY - 10 min. P-I (1988)
Subject Area: Health/Safety
Using clips from classic Disney cartoons in conjunction with the Hygiene Game (featuring decision questions on bathing, grooming, dental care, clean clothes and blowing your nose), Goofy entertains while he reinforces cleanly habits.
- 613 **HEALTH: COMMUNICABLE DISEASES, 2nd Ed.** – AIMS 10 min. P
Subject Area: Health
Film tells us where germs live and how they are spread from person to person.
- 613 **OUR WONDERFUL BODY: PEOPLE WHO HELP US STAY**
LVD **HEALTHY, MEDICINES, DRUGS AND POISONS** CORONET P-I

Part 1 - Space explorer "Zork" becomes curious when he sees a woman looking into a boy's ear. He discovers that the woman was a doctor. Join Zork in meeting other people who help us when we're sick.

Part 2 - Space explorer "Zork" becomes curious when he sees a girl taking a pill. Young viewers will learn about prescriptions and over the counter drugs, and how some drugs can hurt people rather than help them.

- 613 **SMOKING, DRINKING & DRUGS** - CORONET - 15 min P-I
Subject Area: Health/Science
Spinner meets a smoker who can't break the habit, goes after the "lowdown" on why people experiment with drugs, and learns what "drug dependence" means.
- 613 **SNIFFLES, SNEEZES, AND CONTAGIOUS DISEASES** - CORONET - 13 min. P-I
Subject Area: Health
Spinner's friends Elliot asks how we defend ourselves against germs.
- 613.07 **HEALTH & YOUR BODY** (M.I.P. SERIES) - EBEC 27 min. (2 COPIES)
- 613.25 **BEING A FAT CHILD** - MTI - 11 min. I-J-H
Subject Area: Health
Focuses on the emotional and psychological pain that accompanies adolescent overweight and some of the ways they struggle to cope.
- 613.25 **DIET UNTO DEATH: ANOREXIA NERVOSA** - MTI - 16 min. I-J-H Subject Area: Health
- 613.25 **LOOKS: HOW THEY AFFECT YOUR LIFE** - CORONET - 51 min. J-H Subject Area: Psychology
Psychological studies and psychologists give us probing insights beneath the surface of our appearances for a new awareness of the role of beauty in our social and personal lives.
- 613.25 **WAIST LAND: EATING DISORDERS** - MTI - 23 min J-H
Subject Area: Psychology/Health
Explores the social & psychological forces behind the growth of bulimia and anorexia, two devastating eating disorders that are ruining thousands of lives.
- 613.25 **WAISTLAND: WHY DIETS DON'T WORK** -MTI - 23 min. J-H
Subject Area: Nutrition/Psychology
This film examines the weight loss phenomenon and explains why diets don't work.
- 613.7 **FITNESS & ME: HOW TO EXERCISE** - DISNEY - 11 min. P
Introduces young students to the importance of physical fitness throughout their lives.
- 613.7 **GREAT BODY: LOW-IMPACT AEROBICS** (ESQUIRE) 30 min.
An ideal way to have fun while burning calories and conditioning your cardiovascular system. (1986)
- 613.7 **GREAT BODY: UPPER BODY BEAUTIFUL** (ESQUIRE) 30 min.
A fast, fun and effective way to firm your bust line while trimming and toning your entire upper body. (1986)
- 613.7 **HEALTH: OUR PICTURE OF OURSELVES** - AIMS - 11 min. P-I
Subject Area: Health
A film that talks about feelings and about how you can help yourself.
- 613.7 **HOW TO GET FIT** - DISNEY 13 min. H
Subject Area: Health/Safety
This film shows that regular practice of specific exercises is the key to developing strength and endurance.
- 613.7 **JANE FONDA'S WORKOUT: LOW IMPACT AEROBIC** - 51 min.
A low impact aerobic class designed to teach your body to burn fat, improve your cardiovascular fitness, muscle strength and flexibility.

- 613.7 **KEEPING IN TOP SHAPE** - BFA - 13 min. I
 Subject Area: Health/Safety
 Sometimes when we awaken we feel great and other times we might just feel drained or without any energy to participate in activities.
- 613.8 **ALCOHOL, DRUGS & KIDS** - AIMS - 18 min. I-H
 Subject Area: Guidance/Counseling
 The preteen experiences with alcohol, marijuana, and crack of four teenagers are told through dramatic flashbacks and interviews.
- 613.8 **AMERICA HOOKED ON DRUGS** - MTI - 22 min. J-H
 Subject Area: Guidance Counselors
 Drug use is one of the biggest crises facing Americans today.
- 613.8 **AMERICA HURTS: DRUG EPIDEMIC** - MTI - 33 min. J-H
 Subject Area: Guidance/Health
 You will learn about the horrifying dangers of widely-used drugs like marijuana, cocaine, crack and so-called "designer" drugs.
- 613.8 **CINCINNATI BONES & TREASURE OF HEALTH** - AIMS 14 min. P-I
 Subject Area: Health/Guidance
 Explorer Cincinnati Bones uncovers the devastating effects of drugs in this exciting journey through the human body, presented in live action with special visual effects.
- 613.8 **CRUEL SPIRITS: ALCOHOL & VIOLENCE** -MTI -32 min. H
 Subject Area: Health/Drug Programs
 Alcohol is a powerful drug. It changes people's personalities and can cause them to lose control.
- 613.8 **DARE TO SAY NO** - DISNEY - 16 min. I
 Subject Area: Health/Alcohol & Drugs
 This film follows two teenagers through a series of vignettes in and out of the classroom.
- 613.8 **DRUGS ARE FOR JELLY BRAINS** - BARR 12 min P-I
 Subject Area: Health/Drugs
 This informative film teaches children that they do not have to give in to peer pressure and do something they know is harmful in order to be accepted by others.
- 613.8 **EPIDEMIC: DEADLIEST WEAPON IN AMERICA** - MTI - 30 min. H
 Subject Area: Safety/Substance Abuse Programs
 A hard-hitting program that examines both the statistical and human sides of the most unpredictable killer in recent history: the drunk driver.
- 613.8 **EPIDEMIC! KIDS, DRUGS & ALCOHOL** - MTI 29 min. J-H
 Subject Area: Substance Abuse Program
- 613.8 **FAMILIES OF ALCOHOLICS (SUBSTANCE ABUSE COLLECTION)** - MTI - 13 min. J-H
 Subject Area: Family Classes/Social Services
 Introduces two alcoholic families and tells how each has been rehabilitated to make the painful comeback with an alcoholic family member.
- 613.8 **GOOD KIDS DIE TOO** - LCA - 20 min. I-J-H
 Subject Area: Substance Abuse
 As teens and young adults watch this poignant drama unfold, they will begin to understand that life is about choices, who you let influence your choices, and that there are irrevocable consequences for poor choices.
- 613.8 **GROWING UP IN SMOKE** - (SUBSTANCE ABUSE COLLECTION) MTI - 17 min. I-J-H
 The problem is that cigarettes are all around us. We have become used to the idea that they are just familiar artifacts of daily life. It is hard to keep in mind that they really are a terrible killer.

- 613.8 **HEAR ME CRY** - LCA - 30 min. J-H Subject: Suicide
The alarming problem of adolescent suicide is the basis for this compassionate drama.
- 613.8 **I'LL NEVER FORGET YOU** (Len Bias) – Perennial 14 min. J-H
On June 19, 1986, Univ. of Maryland basketball star Len Bias was drafted by the Boston Celtics. He celebrated by snorting cocaine, and died of a heart attack at the age of 23.
- 613.8 **IT WON'T HAPPEN TO ME** - MTI - 31 min J-H
Subject Area: Substance Abuse Program
Breaking through denial is the toughest and most important step toward recovery. This dramatic program shows how a support group helps one young user admit he has a drinking problem.
- 613.8 **KIDS & ALCOHOL DON'T MIX** - BARR - 14 min. P-I-J
- 613.8 **KIDS AND DRUGS: THE REASONS WHY** - DISNEY - 15 min. P-I
Subject Area: Guidance/Health
This contemporary film encourages youngsters to make their own decisions while showing them how they can have fun and win social acceptance in positive ways.
- 613.8 **MARIJUANA** - MTI - 11 min. I-J-H
Subject Area: Health/Substance Abuse
- 613.8 **MCGRUFF AND DRUG FREE KIDS** - AIMS - 17 MIN. P-I
McGruff explains that drugs are dangerous and depicts ways of saying “no” to drugs, and illustrates positive things kids can do with their free time.
- 613.8 **ME, AN ALCOHOLIC?** (SUBSTANCE ABUSE COLLECTION) MTI - 23 min. J-H
This film covers the problem of teenage alcoholism by developing a dramatized case history of one teenager with a drinking problem, and the difficulty he has admitting it, even to himself.
- 613.8 **MEDICINE, DRUGS AND YOU: A FIRST FILM** - BFA - 12 min. P-I
Subject Area: Health/Safety
The film will serve as a basic primer on safe, intelligent use of substances which may help, or harm, depending on our awareness and attitude.
- 613.8 **SAYING “NO” TO ALCOHOL AND OTHER DRUGS** – Live Wire Min. J-H
Helps young teens work their way through the turmoil of early adolescence while making positive and healthful life choices.
- 613.8 **SMOKELESS TOBACCO: THE SEAN MARSEE STORY** - DISNEY 16 min. I-J-H
Subject Area: Health/Guidance
A dramatic film based on the true-life story of Sean Marsee, a 19 year old from Oklahoma, who subsequently died from oral cancer related to his use of snuff.
- 613.8 **SOOPER PUPPY** - MTI - 19 min. P (1989)
Subject Area: Psychology
This film explores the importance of liking yourself and the power of self-esteem.
- 613.8 **SOOPER PUPPY: DRINK, DRANK, DRUNK** - MTI 14 min. P
Subject Area: Psychology/Social Services
Sooper Puppy learns how alcohol affects the body and why it can be dangerous to your health and well-being. (1989)
- 613.8 **SOOPER PUPPY: PUFF OF SMOKE** - MTI - 17 min. P
Sooper Puppy learns what nicotine addiction can do to the mind and body, and why it is better not to start smoking in the first place. (1989)
- 613.8 **STRAIGHT TALK ABOUT DRINKING** - MTI - 30- min J-H
Subject Area: Drug/Alcohol Programs
Designed to help young people make informed decisions about drinking.

- 613.8 **TARGETS** - MTI - 19 min. I-J-H
 Subject Area: Guidance/Social Services
 Children in danger of being a victim of drug abuse, sexual abuse, etc. What happens to these children? "TARGETS" is a pioneering program created to reach young people before they become caught in the cycle of victimization.
- 613.8 **TEENAGE DRINKING: A NATIONAL CRISIS** (SUBSTANCE ABUSE COLL.) - CORONET - 35 min. H
 Discusses the debilitating side effects of drugs and alcohol.
- 613.8 **UNDERSTANDING ALCOHOL USE & ABUSE** - DISNEY - 12 min. I-J-H
 Subject Area: Guidance/Health
 This film takes the serious subject of alcohol consumption and presents it in an informative, but non-threatening way.
- 613.8 **WE'RE NO DUMMIES! WE DON'T TAKE DRUGS!** – Geffner – 33 min. I-J (2 copies) (1993)
 Join renowned ventriloquist Jonathan Geffner and his whimsical puppet partners, Shmendrik, Ezra, Danny and Chippy for a frank yet humorous talk about the dangers of substance abuse. Kids will love this one-of-a kind video!
- 613.8 **WOMEN, DRUGS & ALCOHOL** - MTI - 22 min. H
- 613.8 **YOU CAN SAY NO TO A DRINK OR A DRUG** - MTI - 27 min P-I-J
 Subject: Drug/Alcohol Awareness
 Young people today have access to alcohol & drugs. No one can force you to use alcohol or drugs. No one can stop you, either. The decision rests with each individual.
- 613.85 **SMOKING: THE CHOICE IS YOURS** - DISNEY - 11 min. I
 Subject Area: Health/Guidance
 The film explains the hazards of smoking as it deals with the root problems of self-image and peer pressure which influence students to began smoking.
- 614.4 **ADVICE ON LICE** - DISNEY - 13 min. P-I (1986)
 Subject Area: Health
 This film teaches students about symptoms, transmission, treatment, and prevention of head lice.
- 614.4 **HEALTH: EXERCISE, REST & SLEEP** (2nd Ed) – AIMS 10 min. P-I
 Subject Area: Health/Science
 Through animation and dramatization, the film teaches some important ideas about good health.
- 614.4 **HEART ATTACK: PREVENTION** - BFA - 19 min. H (1982)
 Subject Area: Health
 This low-keyed film inspires without threatening, teaches without boring, and by showing both causes and prevention, will motivate viewers to learn to live with modern pressures.
- 614.4 **LICE ARE NOT NICE** - AIMS - 11 min. P
 Subject Area: Health/Science
 Teaches kids how to recognize the symptoms that may indicates that they have head lice. Explains easy-to-learn techniques for getting rid of lice.
- 614.4 **WELLNESS: IT'S NOT MAGIC** - AIMS - 15 min. P-I
 Subject Area: Health
 The point of the film is that wellness isn't a product of magic, but of common-sense application of good rules of nutrition and cleanliness.
- 614.42 **A COMMUNITY KEEPS HEALTHY** (REV) - BFA 11 min. P-I
 Subject Area: Social Studies
 Many people help keep our community healthy. Community workers inspect milk, vegetables, meat, water, our air; keep our streets clean and collect our garbage.
- 614.42 **HEALTH: PERSONAL CLEANLINESS** (2nd Ed) - AIMS 8 min P
 Keeping clean is easy - and very important.

- 614.431/ **MOSQUITO: A BITE FOR SURVIVAL** - EBEC 29 min.
575.77 I-J-H (1986) 2 COPIES
A look at the lifecycle and micro world of the mosquito - an insect that has a place in nature's scheme of things.
- 614.54 **AIDS AND THE IMMUNE SYSTEM** - CHURCHILL - 12 MIN. I
Children learn through animation and live action how different white cells kill bacteria and viruses, how antibodies assist, and how HIV destroys killer white cells, weakening the immune system so the body can't protect itself from the disease. Also discusses vaccination and antibiotics.
- 614.54 **COME SIT BY ME** - AIMS - 8 MIN. - P
A touching story about friendship and human compassion while teaching young children about AIDS.
- 614.54 **GROWING UP IN THE AGE OF AIDS** - MPI - 75 MIN. H
An ABC news presentation on AIDS. (1991)
- 614.54 **LISTEN UP!** - AIMS - 11 MIN. - J-H
AIDS and HIV are defined and clearly explained: the known ways to contract the virus are discussed, myths are dispelled; and answers to common questions are defined.
- 614.547 **AIDS: WHAT EVERY KID SHOULD KNOW** - BARR - 15 min I-J
A film that offers each community a choice of messages about a deadly disease.
- 614.547 **WHAT IS AIDS?** - MTI - 15 min. I
- 615.8 **SO STAY IN GOOD HEALTH** - AIMS - 8 MIN. - P-I
This delightful short story combines animation, music and live action to encourage children and young adults to stay away from drugs and stay in good health.
- 616 **BODY DEFENSES AGAINST DISEASE** (3rd Ed) - EBEC 22 min. I-J (1982) 2 COPIES
This program uses vivid animation to survey the various types of microbes that can cause disease and to dramatize the body's struggle against them.
- 616 **COMMUNICABLE DISEASES** - CHURCHILL - 13 min. I-J
Subject Area: Health, Science (1990)
This video introduces children to the organisms which cause communicable diseases (stomach aches, rashes, sneezes and sniffles) and the ways in which they're transmitted.
- 616 **NONCOMMUNICABLE DISEASES** - CHURCHILL - 13 min. I-J
Subject Area: Health, Science (1990)
This video helps children learn how the body can become impaired before or at birth. Also, get a head start on avoiding some preventable diseases, such as skin cancer and heart disease.
- 616.025 **FIRST AID ON THE SPOT** (4th Ed) - EBEC - 9 min P-I
Subject Area: Health/Safety
Alerts young viewers to everyday situation in which accidents and injuries happen.
- 616.99 **CANCER: CAPTAIN BILL SAILS THE "C"** - Aims-10 min.-P
Captain Bill voyages through the human body to discuss how cancer cells can interrupt the normal cycle of healthy cells.
- 617 **YOUR MOUTH SPEAKING** - DISNEY - 50 MIN. - I-H
Subject Area: Dental Health
- 617.6 **BIG MOUTH GOES TO THE DENTIST** (2nd Ed) - CORONET - 12 min. K-P-I
Subject Area: Health
Designed to familiarize children with what happens in a regular dental check-up, it explains reasons for different procedures.
- 617.6 **KEEPING YOUR TEETH HEALTHY** (2nd Ed) - EBEC 8 Min. - P - (2 COPIES)
Subject Area: Personal Health/Hygiene
Illustrates routine procedures to protect teeth and prevent decay, and explains the relationship between good nutrition and healthy teeth.

- 617.6 **TEETH ARE FOR CHEWING** - DISNEY - 11 min. - P
 Subject Area: Health
 Make children aware of the functions human teeth perform and of the importance of good dental safety habits.
- 617.6 **TEETH : THE BETTER TO EAT WITH** - NGS - 15 Min. – P (1990)
 Explores the various shapes, positions, and kinds of teeth; the various functions of teeth in eating; and other ways in which animals use their teeth.
- 617.6 **TOOTH AND GUM REVUE** - BARR - 18 Min. - P
 Subject Area: Dental Health
- 624.1 **TUNNELS** - KAW FILMS - 19 Min. - I-H
 Subject Area: Science
 Explores different types of tunnels and their construction.
- 628.9 **FIREHOUSE** (SESAME STREET) - CTW - 30 Min. – P (1990)
 Join Big Bird, Elmo and Gordon as they meet real firefighters and learn all about what they do and how firefighting equipment works.

FLIGHT AND SPACE TRAVEL

- 629.133/ **HELICOPTER RIDE!** (2nd Ed) - CORONET - 14 min.- P-I
 387.7 Subject Area: Social Studies/Language Arts
 In addition to this unique bird's eye view of city and country, students are also provided with interesting, non-technical information about helicopter flight.
- 629.4 **SPACE - CONCORD** - 30 Min. – P (1987)
 This historical approach to better understanding of space takes you from early 13th century to modern space exploration.
- 629.41 **PLANET MOTION & SPACE TRAVEL** - BFA 10 Min. - I-J
 Subject Area: Science/Space
 Planetary motion is influenced by gravity, and we must consider gravity, the motions of other bodies in our solar system, and the motions of our own earth as we plan for space travel to our moon or to near-by planets.
- 629.45 **MINNIE'S SCIENCE FIELD TRIPS: JOHNSON SPACE CENTER** DISNEY - 18 min. - P (1988)
 An entertaining and informative "guided tour" through the training center for astronauts in the U.S. Space Shuttle program.
- 629.45 **TEN THOUSAND NIGHT DREAM** (ASTRONAUT MIKE MULLANE) 42 Min. - J-H
 Air Force Colonel Mike Mullane's account of the deeply personal drama that an astronaut lives in the final 36 hours before a space mission.