

Rocks and Minerals

All About Earth's History

593350 VH
P 23 min CA 2000 Library Video Company
Earth Science for Children Series - Closed-captioned. Traces the evolution of the formation of the Earth and the organisms that populate it. Examines rock layers and fossils. Activity demonstrates how scientists use core samples to study the Earth. Teacher's guide.

Geology

All About Fossils

593345 VH
P 23 min CA 2000 Library Video Company
Earth Science for Children Series - Closed-captioned. Examines how fossils are formed and see how paleontologists figure out the age of these ancient creations. Activity shows how molds and casts are made and how fossils are restored for display in museums. Teacher's guide.

Fossils

All About Land Formations

593352 VH
P 23 min CA 2000 Library Video Company
Earth Science for Children Series - Closed-captioned. Examines earthy structures such as mountains, deserts, and canyons and shows the forces that created them. Activity demonstrates why moving water is such a powerful force for change. Teacher's guide.

Geology; Mountains

All About Rocks and Minerals

593344 VH
P 23 min CA 2000 Library Video Company
Earth Science for Children Series - Closed-captioned. Learn the characteristics of minerals and see how different minerals make up different kinds of rocks: igneous, sedimentary, and metamorphic. Visit a lapidary shop. Activity creates solid crystals from a liquid. Teacher's guide.

Mineralogy; Rocks

America Grows Up: The Great Comstock Silver Strike/The Overthrow of the Tweed Ring

596957 DV
MJS 50 min b&w 2004 Social Studies School Service
You Are There Series - This CBS series used primary sources, historical quotations, and news anchor Walter Cronkite to present faithful and dramatic reconstructions of significant historical events as if the moments were live television events. "The Great Comstock Silver Strike" presents October 29, 1873 as John Mackey and James Fair have invested close to \$300,000 into the Comstock mine finally receive the news that silver is discovered. "The Overthrow of the Tweed Ring" presents November 7,

1871 as Louis Jennings, Sheriff James O'Brien, and cartoonist Thomas Nast succeed in their movement to defeat the corrupt Boss Tweed in New York City on election day. Contains: 1 Disc.

United States - History - 1865-1898; Elections; Mines and Mineral Resources

America's National Monuments: Legacy of...Series

For descriptions see individual titles:
Geologic Wonders of the Northern Plains [596759]
Manifest Destiny [596761]
The Southern Plains [596762]

Ammonite - Fibonacci Fossil Kit

595907 KT
IMJS 2006 Educational Innovations Inc.

Contains a pair of Ammonite fossils. These early mollusks are a naturally occurring example of the Fibonacci sequence. Includes guide illustrating the relationship between Ammonite and the Fibonacci sequence. Contents: 1 Display containing two sections of an Ammonite fossil, teacher's guide sheet.

Fossils; Earth Science

Assignment Discovery Series

For descriptions see individual titles:
Grand Canyon: Our Geologic Past [025989]

The Atmosphere

591520 VH, OF
IMJS 30 min CA 2002 Weather Channel
Weather Classroom Series - Closed-captioned. This episode explores such atmospheric phenomena as trade winds, warm and cold fronts, jet streams, and the seasons.

Earth Science; Atmosphere; Seasons; Weather

Atmospheric Pressure and Solar Energy

596840 DV
IMJ 10 min CA 2007 New Dimension Media
Climate Regions & Weathers of the World Series - Closed-captioned. Our atmosphere has several layers, each with its own properties. The atmospheric pressure and the sun's energy drive the process of weather, determine the climate, and make life on Earth possible. Industrial activity and greenhouse gases seem to be disturbing this delicate balance. Contains: 1 Disc and Jacket Teacher's guide.

Atmosphere; Weather; Earth Science; Climate

The Biggest Treasure Chest of All: Our Natural Resources

593814 VH
I 11 min CA 2003 United Learning
Geologist's Notebook Series - Closed-captioned. Explores Earth's wealth of geological natural resources including minerals, metals, fossil fuels, and rocks. Gives an introduction into the ways we depend on these resources in order to live the way we do. Teacher's guide with blackline masters.

Geology; Natural Resources

Bill Nye the Science Guy Series

For descriptions see individual titles:
Dinosaurs/Reptiles [024451]
Earth's Crust [592975]
Earth's Crust/Rocks and Soil [024471]
Fossils [590999]
Rocks and Soil [592984]

The Birth of a Theory

027043 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Traces the origins of the concepts of continental drift and sea floor spreading, and discusses their contributions to plate tectonics theory.

Earth Science; Continental Drift; Plate Tectonics

A Brief History of Earth Science

593728 VH
S 21 min CA 2004 Hawkhill Associates
Closed-captioned. A brief history of how the major concepts in the earth sciences were developed in the 19th and 20th centuries. The ice ages, plate tectonics, and the birth of ecology are traced. Teacher's guide.

Science - History; Earth Science

Cambridge Core Science: GeoBasics Series

For descriptions see individual titles:
Our Planet Earth [596020]
Rocks and Minerals [596019]

The Canadian Shield

597929 DV, DM
IMJ 22 min CA 2009 Film Ideas Inc
North America Geographic Regions & Landforms Series - Closed-captioned. Explores the features of this distinct geographic region in central Canada containing some of the hardest and oldest rocks in North America. This region is the first portion of North America to be pushed up above sea level beginning some 3-4 million years ago. Included within the Canadian Shield are portions of five Canadian provinces, four U.S. states, and Greenland. Contains: 1 Disc.

Physical Geography; Rocks

Challenge Series

For descriptions see individual titles:
Rocks, Fossils, and Minerals [022403]

Rocks and Minerals

Climate Regions & Weathers of the World Series

For descriptions see individual titles:
Atmospheric Pressure and Solar Energy [596840]
Historical and Urban Climates [596839]
The Seasons and the Monsoon [596837]
Storms, Cyclones, and Hurricanes [596836]
Winds and Weather Forecasting [596838]

ConceptLinks Series

For descriptions see individual titles:
Earth's Changing Surface Module [596748]

Continental Drift: The Theory of Plate Tectonics

022360 VH
MJSA 22 min 1980 Encyclopedia Britannica
Outstanding location footage, concise diagrams, maps, and animation help visualize geographic phenomena such as rifting, faulting, volcanoes, earthquakes, and ridge formation.
Plate Tectonics; Earth Science

Continents Adrift: An Introduction to Continental Drift and Plate Tectonics

024534 VH
IMJ 27 min 1995 Rainbow Educational Video
Earth Science Series - Learning about Continental Drift and Plate Tectonics, students will see that ocean waves will break on new shorelines, towering mountains will rise in places that are now flat, and earthquakes and volcanoes will continue to shape the new land. Teacher's guide.
Plate Tectonics; Earth Science; Continental Drift

Core Geology

597816 DV
JSA 33 min CA 2007 Ambrose Video Publishing Inc.
Closed-captioned. Contains an introduction to the study of geology. Includes key figures in the field with major theories and discoveries presented in chronological order.
Program Segments: 1669 - Geological Laws; 1812 - Properties of Minerals; 1830 - Geology Occurs by Natural Processes; 1833 - Three Types of Rocks: Igneous, Sedimentary, and Metamorphic; 1837 - Past Ice Age is Theorized; 1907 - Radioactive Decay is Used to Date the Earth; 1912 - Alfred Wegener Proposes Continental Drift Theory; and 1972 - Ancient Life and the Fossil Record. Contains: 1 Disc and Teacher's guide folder.
Geology

Cross Section Earth Model

594731 KT
PI 2005 Educational Resources
Soft foam model of Earth separates to reveal the Earth's layers. Explore the Earth inside and out. Contains: 1 Soft foam cross-cut model of the Earth (2 pieces), and 1 Activity guide.
Earth; Geology

Digging Through the Earth

593214 VH
I 11 min CA 2003 United Learning
Geologist's Notebook Series - Closed-Captioned. Live-action and 3D animation explain the layers encountered in digging through the earth. Includes reasons for heat found in the center. Teacher's guide with blackline masters.
Geology; Earth Science

Digging Up Dinosaurs

020311 VH, DV
P 30 min CA 1983 Lancit Media Productions
Reading Rainbow Series - Closed-captioned. Presents a reading of the book DIGGING UP DINOSAURS, by Ailiki. Host LeVar Burton sets off in his jeep to explore the mystery surrounding the life and death of the dinosaur. Teacher's guide. DVD contains: 1 Disc.
Books and Reading; Fossils; Paleontology; Dinosaurs

Dino Dig: Excavation Kit

598024 KT
NP 2009 Lakeshore Learning Materials
For use with your own sand table. Students can discover, sift out, and brush off dinosaur skeletons. Dinosaurs measure about 3".
Contains: 24 Miniature dinosaur skeletons, 4 Plastic sieves, 4 Brushes.
Dinosaurs; Archaeology; Fossils; Paleontology

Dinosaur Bones

596571 DV
NP 12 min CA 2006 Scholastic Inc.
Closed-captioned. Animated. Full of fun facts, rhyming text, and collage illustrations. Dinosaur skeletons are explained and we are reminded that the bones used to belong to living creatures. Contains: 1 Disc and In-case Teacher's guide.
Dinosaurs; Barner, Bob; Fossils

Dinosaurs

594505 CD
PI 34 min 1999 Museum Tour
Twin Sisters: The Science Series - Learn about dinosaurs, fossils, and prehistoric life with these 12 informative songs. Includes "I Found a Fossil", "The Brachiosaurus Rap", and more. Contains: 1 Compact Disc and in-case song book.
Fossils; Dinosaurs

Dinosaurs/Reptiles

024451 VH
I 52 min 1994 Disney Educational Productions
Bill Nye the Science Guy Series - Uses comedy, interviews with scientists, and hands-on experiments to look at dinosaurs and reptiles. Teacher's guide.
Reptiles; Fossils; Dinosaurs; Paleontology

Early Warning

594221 VH, OF
MJS 30 min 2004 Weather Channel
Forecast Earth Series - A look at how the National Severe Storms Laboratory, Storm Prediction Center, and National Weather Service work together to develop early-warning technology.
Storms; Earth Science

Earth

593756 VH
PI 13 min 2004 Film Ideas Inc
What's Up in Space Series - Discusses Earth's place in the Solar System and also explains the basics of Earth Science, including atmosphere, weather, rock cycle, erosion, and water cycle. Teacher's guide.
Solar System; Earth Science; Earth

Earth: A First Look

590865 VH
P 17 min 2000 Rainbow Educational Video
A First Look Series - Describes major features of Earth - oceans, mountains, rivers, and volcanoes; then explores Earth's structure, how the crust changes, and natural resources. Teacher's guide.
Earth Science; Natural Resources

Earth, Ecology, and Environment

041340 KT
PI 1996
Explores ways to make earth a better place to live. 6 Books: 1000 FACTS ABOUT THE EARTH/by Moira Butterfield - Discover the many aspects of our planet such as volcanoes, rivers, deserts, rain forests, mountains, oceans, and weather; LITTLE GREEN THUMBS/by Mary An Van Hage - Provides ideas and instructions for projects that involve growing various kinds of plants indoors during the different seasons; WHAT ROT! NATURE'S MIGHTY RECYCLER/by Elizabeth Ring - Discover all the ways decomposition and the tiny organisms created aid the maintenance of the cycle of life; COMPOST! GROWING GARDENS FROM YOUR GARBAGE/by Linda Glaser - Describes for the very young child, what composting is, what it does, and how to go about it; RESCUE MISSION: PLANET EARTH with guide/by children from around the

Rocks and Minerals

world - Through stories, interviews, case studies, poetry, paintings, drawings, and photographs, children share their ideas for a global plan of action to better manage the world's resources; GARDENS FROM GARBAGE/by Judith F. Handelsman - Shows how to grow houseplants from pieces of potatoes, corn, watermelons, garlic, pineapples, citrus fruits, squashes, beans, lentils, wheat, sunflowers, tomatoes, avocados, apples, and other kitchen scraps. Each section includes historical facts relating to that plant. 1 VHS: Earth Day - 11:00.

Gardening; Earth Science; Environment; Plants; Recycling

Earth Revealed Classroom Adaptation

For descriptions see individual titles:

The Birth of a Theory [027043]
Earthquakes [027044]
Geologic Time [027042]
Glaciers [027016]
Ground Water [027017]
Intrusive Igneous Rocks [027060]
Mass Wasting [027020]
Metamorphic Rocks [027061]
Minerals [027052]
Mountain Building and the Growth of Continents [027031]
Running Water [027029]
The Sea Floor [027032]
Sedimentary Rocks [027065]
Weathering [027021]

Earth Science

041344 KT

PI 1996

Explores the inner workings of our planet Earth. Includes 6 books: ROCKS TELL STORIES/by Sidney Horenstein - Discusses the nature, significance, and uses of rocks, how they can change over time, and what they can reveal about the Earth and its history; WHAT HAPPENS WHEN VOLCANOES ERUPT/by Daphne Butler - Explores the beginning of a volcano and the journey it takes throughout its life. See the impact on new farmland, the animals, and people; DISASTERS: VOLCANOES/by Merrilee Hooker - Discusses types of volcanoes, how they are formed, and famous eruptions such as Mt. St. Helens, and disasters; WHAT IF...THE EARTH - Take a look at Earth from its beginnings to what it is like today and visualize what it would be like if the things we take for granted were no longer true. Asks such questions as What if the Earth stood still, What if there were no soil, and more thought provoking :what ifs"; VISUAL FACTFINDER PLANET EARTH/by Neil Curtis - Text and illustrations, diagrams, tables, and charts present information on such topics as, weather and climate, natural resources, environmental problems, and surface features of Earth; and FASCINATING FACTS ABOUT VOLCANOES/by Jane Walker - Find out how volcanoes are formed, what makes them erupt. Look

at some of the world's most famous volcanoes and learn about the damage they cause. Includes projects, quiz and fascinating facts about volcanoes.

Planets; Rocks; Volcanoes

Earth Science for Children Series

For descriptions see individual titles:

All About Earth's History [593350]
All About Fossils [593345]
All About Land Formations [593352]
All About Rocks and Minerals [593344]

Earth Science in Action Series

For descriptions see individual titles:

Earthquakes [593274]
Fossil Fuels [593300]
Fossils [593267]
Geological History [593268]
Land Formations [593269]
Minerals [593270]
Natural Resources [593271]
Oceans [593272]
Rocks [593273]
Soil [593358]
Topography [593357]
Volcanoes [593356]
The Water Cycle [593355]
Weathering and Erosion [593354]

Earth Science Series

For descriptions see individual titles:

Continents Adrift: An Introduction to Continental Drift and Plate Tectonics [024534]
Plate Tectonics - the Puzzle of the Continents [024356]
What's Inside the Earth [024530]

The Earth: The Restless Planet

021229 VH

IMJSA 25 min 1973 National Geographic Society

Examines the characteristics of three different volcanoes: Hawaii's Kilauea, Mount Etna in Sicily, and Nyiragongo in Zaire.

Volcanoes; Earth Science

Earthquakes

593274 VH

IMJ 23 min CA 2000 Library Video Company

Earth Science in Action Series - Closed-captioned. The underground movement of rocks along with stresses on the earth's crust creates earthquakes. Scientist use technology to measure and predict earthquakes and design buildings to withstand them. Students make and try a seismograph. Teacher's guide.

Earthquakes; Plate Tectonics; Earth Science

Earthquakes

027044 VH

MJS 20 min 2000 Intelcom

Earth Revealed Classroom Adaptation Series - Explores the nature and consequences of earthquakes, the factors that cause quakes, their location, and characteristics.

Earthquakes; Earth Science

Earthquakes: Predicting the Big One

023723 VH

MJS 20 min 1994 Lucerne Media

Science and Technology Today & Tomorrow Series - Gives an overview of the destructive forces unleashed by earthquakes. Examines the geological forces at work in causing earthquakes. Plate tectonics theory, types of faults, and seismic waves are illustrated.

Geology; Earth Science; Plate Tectonics; Technology; Earthquake Prediction

Earth's Changing Surface Module

596748 MB

PIM 2008 Millmark Education

ConceptLinks Series - Differentiated, leveled non-fiction books explore the Earth's changing surface at four reading levels (grades 2, 3, 4, and 5). Teacher's guide and CDs provide lesson plans, supplemental images, and oral readings of the books. Contains: 24 Student Books, 6 copies of each title (Earth's Changing Surface Weathering and Erosion, Earth's Changing Surface The Rock Cycle, Earth's Changing Surface Rocks and Minerals, and Earth's Changing Surface Fossils and History); 1 Teacher's Guide; 1 Concept Connector (Rocks on Earth on one side and A World of Rocks and Minerals on Reverse); 1 ConceptLinks Reading Level Chart; 3 Discs (Earth's Changing Surface Image Bank - CD ROM, Earth's Changing Surface Resource - CD ROM, and Earth's Changing Surface - Audio CD); in gray Storage Tote Bag.

Weathering; Erosion; Geology; Rocks

Earth's Crust

592975 DV, DM

I 26 min CA 2003 Disney Educational Productions

Bill Nye the Science Guy Series - Closed-captioned. Bill Nye goes to the depths of the earth (literally) to explain how the Earth's surface and its inner mantle differ. Includes interactive quizzes, glossary, chapter search with National Science standards and bonus footage. Contains: 1 Disc.

Earthquakes; Geology; Continental Drift

Rocks and Minerals

Earth's Crust/Rocks and Soil

024471 VH

I 52 min 1994 Disney Educational Productions

Bill Nye the Science Guy Series -

Uses comedy, interviews with scientists, and hands-on experiments to look at earth science concepts. Teacher's guide.

Rocks; Soil; Continental Drift; Earthquakes

Earth's Physical Features

023183 VH

IMJS 15 min 1991 Tell Me Why Sales Company

Geography Tutor Series - Looks at the physical features of earth. Includes contents, oceans, landforms, etc.

Earth Science; Physical Geography; Maps and Globes; Earth

Essentials of Earth Science

For descriptions see individual titles:

The History of the Earth: Over the Eons [027199]

Oceans: Charting the Vastness [027195]

Every Stone Has a Story

023778 VH

IMJ 20 min 1995 National Geographic Society

Examines rocks both in nature and in a laboratory. Join a scientist and students as they conduct experiments to determine the content and structure of rocks and minerals. Teacher's guide.

Geology; Mineralogy; Rocks

Evidence for the Ice Age

022322 VH

IMJS 19 min 1988 Encyclopedia Britannica

Examines many features of today's landscapes which cannot be explained by processes at work around them, and explains that observation of the work of modern glaciers establishes that these anomalies could only have been caused by a massive sheet of moving ice. Proposes the hypothesis that glacial ice moved south at least four times in geologic history, and that its shape and size correspond approximately with the distribution of glacial features.

Glacial Epoch; Geology; Earth Science

Explorers of Volcanoes and Earthquakes

027113 VH

MJS 25 min 1998 WNET

Forces of the Wild Series - The scientists, filmmakers, and environmentalists who study and document the great forces of volcanoes and earthquakes whose ideas have helped shape the series, are passionate people in love with what they do. Teacher's guide.

Earth Science; Earthquakes; Scientists; Volcanoes

Exploring Earth, Sun, and Moon

595733 VH, DV, DM

I 15 min CA 2006 Visual Learning Company

Closed-captioned. Explores properties, movements, and relationships between Earth, sun, and moon. Includes gravity, phases of the moon, tides, eclipses, and more.

Teacher's guide includes assessments, activities, script, quiz, and more. Contains: 1 Disc with optional English subtitles; video index; labeled slides; glossary; and video previews.

Earth Science; Earth; Sun; Moon

Exploring Fossils

597849 DV, DM

I 14 min CA 2008 Visual Learning Company

Closed-captioned. Learn how fossils were formed; explore types of fossil preservation such as petrification, imprints, molds and casts, freezing, amber fossilization, and preservation in tar pits. Also see how we use fossils such as fossil fuels, cement, limestone, and more. Contains: 1 Disc with on-screen questions, vocabulary, 5-question quiz, iMovie project; and Teacher's guide folder with blackline masters.

Fossils; Archaeology

A First Look Series

For descriptions see individual titles:

Earth: A First Look [590865]

Forces of the Wild Series

For descriptions see individual titles:

Explorers of Volcanoes and Earthquakes [027113]

In the Beginning [027111]

Forecast Earth Series

For descriptions see individual titles:

Early Warning [594221]

Formations of Continents and Mountains

041442 KT

IMJ 1990 United Learning

Introduces students to geology and the dynamics of the plate tectonics theory. Contains: 2 VHS (Introduction to Geology - 8:42 and Mountains, Volcanoes, and Earthquakes - 11:05); 1 Teacher's Guide; 1 Set of Blackline Masters.

Plate Tectonics; Geology; Volcanoes; Earthquakes

Fossil Fuels

593300 VH

IMJ 23 min CA 2000 Library Video Company

Earth Science in Action Series -

Closed-captioned. Explores these non-renewable resources - how they were formed, how they are used, and how we preserve our limited supply. Visit an oil platform. Experiment shows using an alternative ingredient in the creation of plastic. Teacher's guide.

Earth Science; Energy Conservation

Fossils

594974 VH, DV

IMJS 15 min 2004 Landmark Media

Our Earth Series - A fossil is a trace of a living thing left in rock. Fossils offer a three-part challenge - to reconstruct the organism, to reconstruct the world it lived in, and understand its place in time and evolution. DVD Contains: 1 Disc and both contains teacher's guide jacket.

Earth Science; Fossils

Fossils

593267 VH

IMJ 23 min CA 2000 Schlessinger Video Productions

Earth Science in Action Series -

Closed-captioned. Fossils are historic blueprints. Scientists study them to learn about the past. Learn how they are created and what they reveal. Teacher's guide.

Fossils; Earth Science

Fossils

024038 VH

PI 10 min 1994 Films for the Humanities

Take a Look 1 Series - Jeffrey and Kate study fossils to discover how they were made. They learn how the scientific study of fossils can provide clues to Earth's history.

Earth Science; Fossils; Archaeology

Fossils

I 26 min CA 1999 Disney Educational Productions

Bill Nye the Science Guy Series -

Closed-captioned. Uses comedy and experiments to define and explore fossils. Teacher's guide.

Fossils

Rocks and Minerals

Fossils and Dinosaurs

591462 VH
I 14 min 1999 Sunburst
Communications
Real World Science I Series - Shows what life was like 60 million years ago. Shows how fossils formed and how scientists interpret them. Teacher's guide with activity sheets.

Dinosaurs; Fossils; Paleontology

Fujita: A Life in the Storm

591975 VH, OF
IMJS 30 min CA 2002 Weather
Channel
Weather Classroom Series - Closed-captioned. This episode profiles Dr. Tetsuya Fujita, who spent a lifetime in pursuit of the world's most violent winds and created the F-scale system of classifying tornadoes. His unique understanding of spectacular forces inside hurricanes, typhoons, and tornadoes helps keep us safe in our homes, schools, and airplanes.

Environment; Weather; Physics;
Earth Science

Geography Basics Series

For descriptions see individual titles:
Landforms and Living Patterns
[590794]

Geography Tutor Series

For descriptions see individual titles:
Earth's Physical Features [023183]

Geologic History

595783 KT, DV, DM
IMJ 80 min CA 2006 Visual
Learning Company
Geologic History Series - Closed-captioned. A four-part unit on the geologic history of the Earth. Includes an overview, four major geologic eras, forces that change the surface, how we study the past, and what our continent looks like today. Each part includes interactive quizzes, questions, and activities. Kit contains: 4 VHS (A Journey Through Geologic Time, Earth's Changing Surface, Fossils, Geology of North America - 20:00 each); a 30-page teacher's guide and student activity and assessment masters, The DVD contains same as kit (teacher and student guides are on the DVD) plus video index, labeled slides, subtitles, and iMovie project.

Fossils; Geological Time; Geology

Geologic History Series

For descriptions see individual titles:
Geologic History [595783]

Geologic Time

027042 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Helps students gain a sense of the vast amount of time over which geologic processes have been at work.

Geological Time; Time; Earth
Science

Geologic Wonders of the Northern Plains

596759 DV
MJSA 30 min CA 2006 Ambrose
Video Publishing Inc.
America's National Monuments: Legacy of...Series - Closed-captioned. National Monuments preserve significant pieces of the country's history, ecology, and geology. The Great Plains contains many dramatic geological features. Featured national monuments are: Devil's Tower (Wyoming), Jewel Cave (South Dakota), and Agate Fossil Beds (Nebraska). Chaptered. Contains: 1 Disc and Teacher's guide with blackline masters.

Geology; United States -
Description and Travel; West (US);
National Parks and Reserves

Geological History

593268 VH
IMJ 23 min CA 2000 Library Video
Company
Earth Science in Action Series - Closed-captioned. Examine a time line of Earth, tracking its violent beginnings and ever - changing face. Explains the four major segments of geologic time and the life that developed during each. Teacher's guide.

Geology; Earth Science; Geological
Time

Geologist's Notebook Series

For descriptions see individual titles:
The Biggest Treasure Chest of All:
Our Natural Resources [593814]
Digging Through the Earth [593214]
How to Make a Mud Pie [593821]
Three Rocks [593822]
What Exactly are Minerals? [593816]
Why Land Goes Up and Down
[593820]

Glaciers

027016 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Presents the properties of glaciers and assesses their importance in sculpting Earth's surface.

Glaciers; Earth Science

Grand Canyon: Our Geologic Past

025989 VH
MJS 27 min CA 1997 Discovery
Communications
Assignment Discovery Series - Closed-captioned. Travel through geologic time as you descend the canyon walls where generations of Earth's natural history are preserved. Learn what the flora and fauna can tell us about America's past. Teacher's guide.

National Parks and Reserves;
Geology; Grand Canyon; United
States - Description and Travel

Ground Water

027017 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Shows how ground water is distributed and assesses its importance to human life.

Earth Science; Water

Hands On Explorations Kit:

Fossils

598371 KT
PIM 2010 Delta Education Inc
Students can sort, examine, and classify fossil specimens. Contains: 1 Bag of fossils, 1 Booklet (Fossils: Pocket Full of Knowledge), 2 Magnifying lenses, and a plastic storage container with lid.

Fossils

Hands On Explorations Kit: Rocks

598329 KT
PIM 2010 Delta Education Inc
Students can sort, examine, and classify specimens. Contains: 1 Bag of over 100 rocks and minerals, Peterson's First Guide to Rocks and Minerals booklet, 5 magnifying lenses, and a plastic storage container with lid.

Rocks, minerals, and soil-Rocks,
minerals, and soil; Mineralogy;
Geology

Head's Up II Series

For descriptions see individual titles:
What's Happening to the Glaciers?
[597577]

Hidden Treasures: Landscape Archeology

594266 VH, SA
IMJS 30 min 2004 NASA
NASA Connect Series - Students will learn how researchers and scientists use data collected through remote sensing to study hidden features on the Earth's surface and to discover the environmental and archaeological effects left by ancient cultures. Students will see how archaeologists use the math concepts of coordinate geometry and powerful geographic information system (GIS) software to solve current world problems by investigating clues from the past. By conducting inquiry-based and web activities, students will make connections between NASA research and the mathematics, science, and technology they learn in their classrooms.

Archaeology; Earth Science

Rocks and Minerals

Historical and Urban Climates

596839 DV
IMJ 10 min CA 2007 New Dimension Media
Climate Regions & Weathers of the World Series - Closed-captioned. Weather changes every day but climate changes slowly over centuries. Humans may be responsible for recent rapid global warming. Industrialization, overpopulation, and tall buildings that disturb wind patterns all have an effect. Contains: 1 Disc and Jacket Teacher's guide.

Global Warming; Earth Science; Climate; Environment

History of Life

595784 KT, DV, DM
IMJ 80 min CA 2006 Visual Learning Company
History of Life Series - Closed-captioned. A four-part unit on the history of life on Earth. Begins with the formation of the planet and includes development of life forms, extinction, adaptation, and how scientists have developed their theories. Each part includes interactive questions, quizzes, and activities. Kit contains: 4 VHS (Early Life, Life Through Time, Evolution, Evidence of Change - 20:00 each); a 30-page teacher's guide and student activity and assessment masters. The DVD contains same as kit (teacher and student guides are on the DVD) plus video index, labeled slides, subtitles, and iMovie project.

Evolution; Archaeology; Geology

History of Life Series

For descriptions see individual titles:
History of Life [595784]

The History of the Earth: Over the Eons

027199 VH
MJS 23 min 1997 Great Pacific Media
Essentials of Earth Science Series - Provides an outline of the geologic and biologic history of Earth from the Precambrian Era to the present. Teacher's guide with questions and answers sheets.

Earth Science; Geology; Biology

How Old is It?

594973 VH, DV
IMJS 15 min 2004 Landmark Media
Our Earth Series - Geology as a science began with the Industrial Revolution in England. Rock strata were studied, compared, and the conclusion was drawn that our Earth is unbelievably old. DVD Contains: 1 Disc and teacher's guide jacket.

Geology; Earth

How to Make a Mud Pie

593821 VH
I 11 min CA 2003 United Learning
Geologist's Notebook Series - Closed-captioned. Explains how soil is formed in nature using rock and organic matter. Explores the use of good soil. Teacher's guide with blackline masters.

Geology; Soil

I Dig Fossils

024949 VH
PI 22 min 1993 Mazon Productions
Scott and his dad go on an adventure to find 300 million year old fossils.

Archaeology; Career Education; Fossils; Paleontology

In Search of the Edge

022435 VH
IMJS 25 min 1990 Pancake Productions
Humorous, thought-provoking, and both absurdist and matter of fact, it presents a carefully constructed argument from a definite, well-researched "flat-earth" point of view, while dismissing the "global earth" doctrine as little more than an elaborate hoax. The film is comprised of the conventional documentary mix of elements, including interviews with experts, stock footage, still photographs, and animation, and is woven together with the story of Andrea Barns, a Canadian woman who devoted her life to convincing the world that the earth is flat. A lesson in media literacy for a generation plugged into television. Provokes critical thinking and helps students to become aware of the devices used in documentary media; the history of scientific paradigms; and their own willingness to take things at face value. Teacher's guide.

Maps and Globes; Columbus, Christopher; Critical Thinking; Earth Science; Explorers

In the Beginning

027111 VH
MJS 24 min 1998 WNET
Forces of the Wild Series - This is the story of the origin of our solar system and the formation of our planet. Life's patterns have been shaped by the same forces that shaped the planet. When Earth was created it was a desolate place. To find the answers as to how it turned into the familiar place we know now, we need only look beneath our feet. Teacher's guide.

Earth Science; Ice; Heat; Earth

Intrusive Igneous Rocks

027060 VH
MJS 20 min 2000 Intelecom
Earth Revealed Classroom Adaptation Series - Unveils the processes of magmas that do not reach Earth's surface, but instead solidify underground.

Earth Science; Rocks; Mineralogy

Invertebrate Fossil Set

598373 KT
PIMJS 2010 Delta Education Inc
Includes a hands-on component in lessons on fossils with actual specimens. Contains 6 fossils: arthropod, brachiopod, gastropod, coelenterate, echinoderm, and cephalopod; 6 labeled plastic display bases.

Fossils; Invertebrates

Killer Quake!

024111 VH
PIMJS 60 min CA 1994 WGBH/BBC
Nova: Adventure in Science Series - Closed-captioned. Looks at the January 17, 1994, major earthquake in Los Angeles, California. Explores possibilities as to where an earthquake may strike next.

Earthquakes; Earth Science

Land Formations

593269 VH
IMJ 23 min CA 2000 Library Video Company
Earth Science in Action Series - Closed-captioned. Explores the different types of land formations and the forces that shape them. Teacher's guide.

Geology; Mountains; Earth Science

Landform Demonstration Kit

041582 KT
IMJS 1994 Hubbard Scientific
Contains 20 demonstrations on Earth Science topics including blocks, faults, and folding. Kit consists of: Watertight demonstration tray; 7 pieces of flexible foam (1 blue, 4 white, 2 yellow); 3 simulated rock formations; 1 Volcano model; 1 Teacher's guide.

Earthquakes; Geology; Earth Science

Landforms

597228 VH, DV, DM
I 14 min CA 2008 Visual Learning Company
Closed-captioned. Characteristics of major landforms and water forms are illustrated with dramatic North American footage. Includes plains, mountains, valley, canyon, ocean, lake, bay, river, beach, and more. Contains: 1 Disc, DVD and VHS both contain Teacher's guide folder.

Geology; Physical Geography

Rocks and Minerals

Landforms and Living Patterns

590794 VH
IMJ 23 min 2001 Rainbow
Educational Video
Geography Basics Series - Explores the ways the earth's surface changes due to crust movement, volcanoes, weather, glaciers, and human activity. Shows how these landforms affect population concentration, agriculture, recreation, and the economy. Teacher's guide and blackline masters.
Earth Science; Geography

The Living Earth

022489 VH
SA 25 min 1991 National
Geographic Society
Explores the interdependence of air, water, land, and life. Examines the profound impact of humans on the global system. Teacher's guide. (550)
Environment; Earth Science; Ecology

Magic School Bus Blows Its Top

024610 VH
PI 30 min CA 1996 Scholastic Inc.
Magic School Bus Series - Closed-captioned. A visit to an explosive underwater volcano helps Ms. Frizzle's students learn how islands are formed.
Earth Science; Volcanoes

Magic School Bus Series

For descriptions see individual titles:
Magic School Bus Blows Its Top [024610]

Manifest Destiny

596761 DV
MJSA 30 min CA 2006 Ambrose
Video Publishing Inc.
America's National Monuments: Legacy of...Series - Closed-captioned. National monuments preserve significant pieces of our country's history, ecology, and geology. These two historic sites commemorate the struggle of ordinary Americans to form a nation from sea to sea - Manifest Destiny. Features: Scott's Bluff and Homestead National Monuments (Nebraska). Chaptered plus historical documents. Contains: 1 Disc and Teacher's guide with blackline masters.
United States - History - 1783-1865; Frontier and Pioneer Life; Geology; National Parks and Reserves; West (US); United States - Description and Travel

Mass Wasting

027020 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Studies the causes, types, and effects of mass wasting or landslides.
Geology; Mountains; Plate Tectonics; Earth Science

Metamorphic Rocks

027061 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Studies the causative factors of metamorphism and identifies the kinds of rocks produced through the metamorphic process.
Mineralogy; Rocks; Earth Science

Minerals

597231 VH, DV, DM
I 14 min CA 2008 Visual Learning
Company
Closed-captioned. Explore the basic characteristics of minerals and the roles minerals play in our lives. Illustrates crystal structures and how they form. Learn how different properties can be used to identify minerals. Contains: 1 Disc, both DVD and VHS contain Teacher's guide folder.
Earth Science; Mineralogy

Minerals

593270 VH
IMJ 23 min CA 2000 Library Video
Company
Earth Science in Action Series - Closed-captioned. View the properties of minerals such as hardness, luster and density. Examine crystalline structure and learn the location and usage of minerals. Teacher's guide.
Mineralogy; Natural Resources; Earth Science

Minerals

027052 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Offers a comprehensive look at the origins, classifications, and uses of minerals found on Earth.
Mineralogy; Earth Science

Mountain Building and the Growth of Continents

027031 VH
MJS 20 min 2000 Intelcom
Earth Revealed Classroom Adaptation Series - Shows how the major mountain belts and continents have evolved over time.
Earth Science; Mountains; Geology

NASA Connect Series

For descriptions see individual titles:
Hidden Treasures: Landscape Archeology [594266]
Rocket to the Stars [594262]
Virtual Earth [594263]

Natural Phenomena Series

For descriptions see individual titles:
Rocks, Fossils, and Earth History [025952]
Spectacular Canyons [025950]

Natural Resources

593271 VH
IMJ 23 min CA 2000 Library Video
Company
Earth Science in Action Series - Closed-captioned. Examines both renewable and non-renewable resources, touching on their sources and many uses. Demonstrates air particles and a geothermal plant. Teacher's guide.
Natural Resources; Earth Science

North America Geographic Regions & Landforms Series

For descriptions see individual titles:
The Canadian Shield [597929]

Nova: Adventure in Science Series

For descriptions see individual titles:
Killer Quake! [024111]

Oceans

593272 VH
IMJ 23 min CA 2000 Library Video
Company
Earth Science in Action Series - Closed-captioned. Shows the properties of ocean water and materials present within it. Includes tides, life zones and the effect of water temperature on ocean currents. Teacher's guide.
Ocean; Earth Science

Oceans: Charting the Vastness

027195 VH
MJS 23 min 1997 Great Pacific
Media
Essentials of Earth Science Series - Explores the geology of the ocean floor, currents, tides, shoreline features, and the diversity of marine life. Teacher's guide with questions and answers sheets.
Ocean; Earth Science

Our Earth Series

For descriptions see individual titles:
Fossils [594974]
How Old is It? [594973]
Rock Recipes [594131]
Wear and Tear [594977]
Who Needs Geology [594978]

Our Planet Earth

596020 DV
MJS 22 min CA 2006 Films Media
Group
Cambridge Core Science: GeoBasics Series - Closed-captioned. Explores the Earth's entire history, introducing the concept of geological time. Covers the elements that make up the planet and its three main layers. Contains: 1 Disc and Teacher's guide.
Geology; Geological Time; Earth

Rocks and Minerals

Plate Tectonics in Action

597859 DV, DM
I 14 min CA 2008 Visual Learning Company

Closed-captioned. Illustrates the movement of tectonic plates and the role this plays in the development of geologic features. Contains: 1 Disc with on-screen questions, vocabulary, 5-question quiz, iMovie project; and Teacher's guide folder with blackline masters.

Plate Tectonics; Geology

Plate Tectonics - the Puzzle of the Continents

024356 VH
IMJS 20 min 1993 Scott Resources, Inc

Earth Science Series - Explores continental drift to global plate tectonics. Computer graphics show crustal plates and why their interaction results in earthquakes and volcanoes.

Plate Tectonics; Earth Science; Volcanoes; Earthquakes

Prehistoric Life Kit

594004 MB
PI 63 p. 2004 Hemlock Springs/DK *Windows on the World Series* - 20

Books, 5 copies each of 4 titles: *DINOSAUR*/by David Norman and Angela Milnor - Text and photographs explore the world of the dinosaurs, focusing on such aspects as their teeth, feet, eggs, and fossils. *EARLY HUMANS*/by Nick Merriman - Text and photographs present descriptions of early humans. Examines their origins; tools and weapons; how they hunted and foraged for food; and the role of family life, money, religion, and magic. *PREHISTORIC LIFE*/by Steve Parker - For 4,600 million years, there has been some form of life on Earth. At first, the Earth was a mass of raging fires and volcanoes, so early forms of life began in the seas. *Prehistoric Life* tells the story of these and the succeeding life forms - everything from microscopic organisms to early humans. *FOSSIL*/by Paul D. Taylor - Photo essay about different types of fossils, from bacteria and algae to birds and mammals. 1 Wall chart; 24 Planner cards; 14 Help cards; and 1 Teacher's guide. Projects contained in this kit offer opportunities for cross-curricular study of the past. Helps to develop skills such as sequencing events, assessing evidence and making deductions, comparisons, and decisions.

Dinosaurs; Fossils; Archaeology; Paleontology; History

Reading Rainbow Series

For descriptions see individual titles:
Digging Up Dinosaurs [020311]

Real World Science I Series

For descriptions see individual titles:
Fossils and Dinosaurs [591462]

Real World Science Series

For descriptions see individual titles:
Rocks and Minerals [591459]

Regents Review 2009: Earth Science

060428 VH, DV, PB
JS 90 min 2009 WCNY Public Television

Review of Earth Science regents.

Earth Science; Tests and Testing

The Rock Cycle

597234 VH, DV, DM
I 14 min CA 2008 Visual Learning Company

Closed-captioned. Examines the different types of rocks and how they change form through the rock cycle. Learn the characteristics of igneous, sedimentary, and metamorphic rocks. Contains: 1 Disc, both DVD and VHS contain Teacher's guide folder.

Rocks; Earth Science; Geology

The Rock Cycle

025418 VH
MJSA 22 min 1982 Encyclopedia Britannica

Examines the fundamental geologic process by which earth materials are formed and altered. Identifies major types of rocks and describes how they are affected by erosion, weathering, heat, and pressure.

Earth Science; Rocks; Geology

The Rock Cycle

025285 VH
S 30 min 1990 Terra Productions

Explores the processes and products of our ever-changing earth and promotes a basic understanding of earth science. Teacher's guide.

Earth Science; Rocks; Geology

Rock Odyssey

024707 VH
PI 30 min 1991 David Zaremba

Examines the three major categories of rocks, the properties of minerals and the common types of rocks and minerals.

Mineralogy; Rocks; Earth Science

Rock Recipes

594131 VH, DV
IMJS 15 min 2002 Landmark Media

Our Earth Series - Explores the composition and varieties of rocks and the rock cycle. Rocks come in three basic varieties - igneous, sedimentary, and metamorphic. These are the ingredients of the rock cycle. Contains: 1 Disc and teacher's guide jacket.

Mines and Mineral Resources; Rocks

Rocket to the Stars

594262 VH, SA
IMJS 30 min 2004 NASA

NASA Connect Series - Students will learn the basic science concepts of work and energy and see how algebra can be used to help explain both concepts. NASA is working on new ways of powering spacecraft that will reduce the travel time to the Moon, Mars, and beyond. Students will be introduced to two cutting edge innovative propulsion technology programs, Prometheus and VASIMR, that will allow crewed and uncrewed vehicles to explore the distant reaches of the solar system. By conducting inquiry-based and web activities, students will make connections between NASA research and the mathematics, science, and technology they learn in their classrooms.

Earth Science; Stars; Planets

Rockfinders

594547 VH
PI 30 min 2002 Museum Tour

Way Cool Science Series - Science enthusiast May Orbit introduces the world of rocks and minerals. Covers rock formation, properties, and more. Teacher's guide with activity sheets.

Rocks; Mineralogy

Rocks

597235 VH, DV, DM
I 14 min CA 2008 Visual Learning Company

Closed-captioned. Explore the characteristics of rocks. Covers types and composition, geologists, rock formation, and classification. Contains: 1 Disc, both DVD and VHS contain Teacher's guide folder.

Rocks; Geology

Rocks

593273 VH
IMJ 23 min CA 2000 Library Video Company

Earth Science in Action Series - Closed-captioned. Explore the characteristics of the major types of rocks and how they are formed. Demonstration shows sedimentary action. Teacher's guide.

Rocks; Earth Science

Rocks and Minerals

596019 DV
MJS 23 min CA 2006 Films Media Group

Cambridge Core Science: GeoBasics Series - Closed-captioned. Explores the composition, properties, and classification of rocks and minerals. Includes the Mohs Scale, specific gravity, and forensic-type analysis. Contains: 1 Disc and teacher's guide.

Geology; Rocks; Mineralogy

Rocks and Minerals

Rocks and Minerals

591459 VH
I 17 min 1999 Sunburst
Communications
Real World Science Series - Live
footage illustrates the difference
between sedimentary, igneous, and
metamorphic rock. Describes changes
due to weather, erosion, and other
factors. Teacher's guide with activity
sheets.

Rocks; Mineralogy

Rocks and Minerals

591074 KT, DV
IMJ 80 min CA 2001 Visual
Learning Company
Rocks and Minerals Series - Closed-
captioned. Four part video unit
presents a detailed review of
important concepts in middle school
science relating to rocks and minerals.
Contains: 4 VHS (Minerals and Their
Properties, Rocks and the Rock Cycle,
Igneous and Metamorphic Rocks, and
Sedimentary Rocks - 20:00 each); 1
Teacher's guide. DVD contains same
as VHS plus Teacher guides and
Student activities in PDF format;
iMovie project; Optional English
subtitles; Video index; Animations; 70
Labeled slides; Glossary; and Video
previews on 1 Disc.

Geology; Mineralogy; Rocks

Rocks and Minerals Series

For descriptions see individual titles:
Rocks and Minerals [591074]

Rocks and Soil

594993 BB
NP 16 p. 1998 Newbridge
Educational Publishing
Examines various kinds of rocks and
shows how rocks contribute to the
creation of the soil that plants and
animals depend on. Author: Natalie
Lunis. 1 Big Book, 30 Books, 1
Teacher's guide, 1 Audio cassette, 8
Photo cards (#1 Gigantic; #2 Bryce
Canyon National Park; #3 Collecting
Rocks; #4 From Long Ago (shells); #5
Building with Rocks; #6 Great
Pyramids; #7 Gardening in Soil; and
#8 Food From Plants (sheep).

Geology; Rocks; Soil

Rocks and Soil

592984 DV, DM
I 26 min CA 2003 Disney
Educational Productions
Bill Nye the Science Guy Series -
Closed-captioned. You won't take it for
"granite" when Bill Nye unearths the
solid facts on volcanoes, landslides,
tectonic plates, rivers, and weather,
and their varied effects on the creation
of rocks and soil. Includes interactive
quizzes, glossary, chapter search with
National Science standards and bonus
footage. Contains: 1 Disc.

Soil; Rocks; Geology

Rocks, Fossils, and Earth

History

025952 VH
MJS 15 min 1998 Maslowski Wildlife
Productions
Natural Phenomena Series - Rocks
and fossils help us understand the
climate, vegetation, and landscape of
the past and help predict what the
future might hold. Covers dating
techniques, types of rocks, and how
they are formed.

Earth Science; Rocks; Fossils;
Geology

Rocks, Fossils, and Minerals

022403 VH
IMJ 14 min 1988 WDCN Nashville
Challenge Series - Offers examples of
various rocks and fossils found in the
Middle Tennessee area and visits the
North Carolina Mineral Museum.

Fossils; Earth Science; Mineralogy;
Rocks

Rocks, Fossils, Crystals

598302 DV
P 30 min 2008 Chip Taylor
Communications
Take a Look at Science Series - Three
stand alone segments. ROCKS:
Jeffrey starts a rock collection and
identifies three types of rocks -
sedimentary, metamorphic, and
igneous and he learns about their
origins. FOSSILS: Jeffrey and Kate
study fossils to discover how they
were made and how they provide
clues in Earth's history. CRYSTALS:
Jeffrey and Kate look closely at the
shapes of some common crystals and
make their own sugar crystals. They
trace the progress of diamonds from
mines to jewelry. DVD Contains: 1
Disc.

Rocks; Fossils; Mineralogy

Rocks that Form on the Earth's Surface

022320 VH
PIMJS 16 min 1964 Encyclopedia
Britannica
Uses demonstrations and examples in
discussing the origin and composition
of sedimentary rocks. Explains
methods by which students can learn
about the ways in which sediments
are produced, transported,
accumulated, and hardened into
sedimentary rock.

Geology; Rocks, Sedimentary;
Earth Science

Rocks that Originate Underground

023120 VH
IMJSA 22 min 1966 American
Geological Institute
Examines the characteristics of rocks
that form underground, and
demonstrates that the appearance of
these rocks gives clues as to their
formation.

Rocks; Earth Science

Running Water

027029 VH
MJS 20 min 2000 Intelecom
*Earth Revealed Classroom Adaptation
Series* - Analyzes the role of running
water in sculpting Earth's surface.
Discusses tectonic and hydrologic
cycles, and identifies the roles human
activity can play in impacting flood
danger.

Water; Erosion; Earth Science

Science and Technology Today & Tomorrow Series

For descriptions see individual titles:
Earthquakes: Predicting the Big One
[023723]

The Sea Floor

027032 VH
MJS 20 min 2000 Intelecom
*Earth Revealed Classroom Adaptation
Series* - Studies major sea-floor
features, including the mid-oceanic
ridge, oceanic trenches, and fracture
zones.

Ocean; Earth Science; Geology

The Seasons and the Monsoon

596837 DV
IMJ 10 min CA 2007 New
Dimension Media
*Climate Regions & Weathers of the
World Series* - Closed-captioned. The
diversity of seasons depend on the
climate and region. While most areas
have up to four seasons,
climatologists have decided that the
monsoon in Southern Asia has such
precise properties that many consider
it a fifth season. Contains: 1 Disc and
Jacket Teacher's guide.

Seasons; Climate; Weather; Earth
Science; Storms

Sedimentary Rocks

027065 VH
MJS 20 min 2000 Intelecom
*Earth Revealed Classroom Adaptation
Series* - Illustrates the importance of
sedimentary rocks in understanding
the nature of Earth's surface.

Mineralogy; Rocks; Earth Science

Sedimentator Kit

041585 KT
IMJS 1996 Janeval Toys, Inc
Set of sealed tubes containing water,
plant remains, sand, and gravel. Used
to demonstrate sediments in rivers or
lakes, sedimentary rock formation, and
fossil formation. Contents: 9
Sedimentators, 6 Student guides, 1
Teacher's guide.

Rivers; Sedimentation and
Deposition; Rocks, Sedimentary

Rocks and Minerals

Sing A Long Science

595663 CD
MJS 34 min 1999 Educational
Innovations Inc.

Singing the Science Standards Series
- Ten songs help students remember
key science facts. Titles include DNA,
Amoebas, The Element Song, Oh
Density, Photosynthesis, The Volcano
Song, The Optics Song, Twinkle,
Water Wonderland, and The Fossil
Song. Set to well known tunes.
Includes Karaoke versions as well. All
music and vocals performed by
Warren Phillips. Contains: 1 Disc and
Insert card with lyrics.

Earth Science; Songs; Biology

Sing-a-Long Science: The Second Sequel

595889 CD
MJS 53 min 2004 Educational
Innovations Inc.

Singing the Science Standards Series
- Eleven more songs help students
remember key science facts set to
well known tunes. Includes: The PH
Song; Digestion Song; S-K-I-N; Rain
Forest Song; Ozone Song; Respiration
Song; Flight Song; Heart Song;
Microscope Song; Sound Song; and
Kelp. Contains: 1 Compact Disc and
in-case song lyrics.

Biology; Earth Science; Songs

Singing the Science Standards Series

For descriptions see individual titles:
Sing A Long Science [595663]
Sing-a-Long Science: The Second
Sequel [595889]

Soil

593358 VH
IMJ 23 min CA 2000 Library Video
Company

Earth Science in Action Series -
Closed-captioned. Shows different
types of soil, components, and how
they sustain plant and animal life.
Demonstrates techniques to fight
erosion. Experiment with permeability.
Teacher's guide.

Earth Science; Soil

The Southern Plains

596762 DV
MJSA 33 min CA 2006 Ambrose
Video Publishing Inc.

*America's National Monuments:
Legacy of...Series* - Closed-captioned.
National monuments preserve
significant pieces of our country's
history, ecology, and geology. The
Southern Plains have extreme climatic
conditions but are rich in human
history. National monuments featured
are: Alibates Flint Quarry (Texas),
Capulin Volcano (New Mexico), and
Fort Union (New Mexico).

West (US); United States -
Description and Travel; Geology;
National Parks and Reserves

Spectacular Canyons

025950 VH
MJS 15 min 1998 Maslowski Wildlife
Productions

Natural Phenomena Series - Explains
how plate tectonics and erosion by
rivers, wind, ice, and plants combine
to create America's spectacular
canyons. Teacher's guide.

Plate Tectonics; Earth Science;
Erosion

A Spin Around the Solar System Series

For descriptions see individual titles:
There's No Place Like Earth
[590810]

Storms, Cyclones, and Hurricanes

596836 DV
IMJ 10 min CA 2007 New
Dimension Media

*Climate Regions & Weathers of the
World Series* - Closed-captioned.
Combinations of opposing electrical
charges and differences in air
temperature and humidity create
rotation wind patterns in all storms.
Nature and humans have come up
with clever adaptations to these
events. Contains: 1 Disc and Jacket
Teacher's guide.

Earth Science; Storms; Weather;
Seasons; Climate

Survivors from the Past: Living Fossils

024518 VH
I 25 min CA 2000 National
Geographic Society

Closed-captioned. The major climate
and geological changes that killed the
dinosaurs left some species virtually
unchanged. Explains these survival
stories by examining adaptation and
animal behavior. Teacher's guide.

Animals - Habits and Behavior;
Fossils; Adaptation (Biology);
Paleontology; Extinction (Biology)

Take a Look 1 Series

For descriptions see individual titles:
Fossils [024038]

Take a Look at Science Series

For descriptions see individual titles:
Rocks, Fossils, Crystals [598302]

There's No Place Like Earth

590810 VH
IMJ 15 min CA 2001 AGC

*A Spin Around the Solar System
Series* - Closed-captioned. With the
help of specially designed graphics
and animations, this program explores
the Earth's atmosphere, crust, plate
movement, water, gravity, and the
moon's pull. Teacher's guide with
blackline masters.

Earth; Earth Science

Three Rocks

593822 VH
I 11 min CA 2003 United Learning

Geologist's Notebook Series - Closed-
captioned. Looks at three rocks -
pieces of igneous, sedimentary, and
metamorphic rock and investigates
how they formed and how they relate
to each other in the rock cycle.
Teacher's guide with blackline
masters.

Geology; Rocks

Topography

593357 VH
IMJ 23 min CA 2000 Library Video
Company

Earth Science in Action Series -
Closed-captioned. Looks at features
of Earth's terrain and how they are
recreated on maps. Explore ways the
Earth's surface is changing. Students
demonstrate the creation of a simple
topographic map. Teacher's guide.

Maps - Study and Teaching; Maps,
Topographical; Geography; Earth
Science

Tornadoes

591106 VH, OF
IMJS 30 min CA 2002 Weather
Channel

Weather Classroom Series - Closed-
captioned. This episode explores the
cause and formation of tornadoes,
explains why some areas are more
prone to them than others, offers
some little-known tornado facts, and
explains what to do in the event of a
tornado.

Environment; Tornadoes; Earth
Science

Twin Sisters: The Science Series

For descriptions see individual titles:
Dinosaurs [594505]

Vertebrate and Plant Fossil Set

595871 KT
PIMJS 2006 Delta Education Inc

Include a hands-on component in
lessons on fossils with actual
specimens. Contains: 6 Vertebrate
and plant fossil specimens
(Vertebrate: Shark tooth from South
Carolina, Plant: Fossil Fern from
Pennsylvania, Plant: Petrified Wood
from Wyoming, Vertebrate: Fish from
Wyoming, Vertebrate: Dinosaur Bone
from Wyoming, and Plant: Fossil Fern
from Texas) each in plastic display
base.

Fossils; Vertebrates

Rocks and Minerals

Virtual Earth

594263 VH, SA
IMJS 30 min 2004 Off air
NASA Connect Series - In Virtual Earth, students will be introduced to Earth system science. They will learn what a system is and how to apply the concept of systems to learn more about how the Earth functions. Students will understand the only way to really comprehend the workings of our planet is to look at the Earth as a whole system. They will also focus on Earth science applications of national priority to expand and accelerate the use of knowledge, science, and technologies resulting from the Earth Science Enterprise mission of improving predictions in weather, climate, and natural hazards. By conducting inquiry-based and web activities, students will make connections between NASA research and the mathematics, science, and technology they learn in their classrooms.

Earth Science

Volcanoes

593356 VH
IMJ 23 min CA 2000 Library Video Company
Earth Science in Action Series - Closed-captioned. Discover how volcanoes form, what causes eruptions, the difference between magma and lava, and characteristics of volcanoes. Experiment demonstrates the use of a tilt meter to predict eruptions. Teacher's guide.

Earth Science; Volcanoes

Volcanoes

024936 VH
IJ 25 min CA 1993 ATV Production
Wonder Why Series - Closed-captioned. Discovers the causes and effects of volcanoes. Visits Mount St. Helens for a first hand look.

Earth Science; Volcanoes

The Water Cycle

593355 VH
IMJ 23 min CA 2000 Library Video Company
Earth Science in Action Series - Closed-captioned. Examine the water cycle. Learn the function of the sun and the atmosphere in this process. Demonstrates an artesian well and desalination plant. Teacher's guide.

Water Cycle; Earth Science

Way Cool Science Series

For descriptions see individual titles:
Rockfinders [594547]

Wear and Tear

594977 VH, DV
IMJS 15 min 2004 Landmark Media
Our Earth Series - The forces of sun, wind, and water have changed the face of Earth just as much as tectonics. Weathering and erosion are driven by gravity, flattening the landscape, and creating soil. Deposition starts the process of forming sedimentary rock. DVD Contains: 1 Disc and both contain teacher's guide jacket.

Weathering; Erosion; Rocks;
Rocks, Sedimentary; Soil Erosion

Weather and Geography

591519 VH
IMJS 30 min CA 2002 Weather Channel
Weather Classroom Series - Closed-captioned. This episode explores erosion, winds, wildfires, the effects of weather on geology, the effects of water and altitude on weather, the types of storms that happen over different kinds of terrain, and more. Teacher's guide.

Weather; Earth Science;
Geography

Weather Classroom Series

For descriptions see individual titles:
The Atmosphere [591520]
Fujita: A Life in the Storm [591975]
Tornadoes [591106]
Weather and Geography [591519]
Winter Weather [592097]

Weathering

027021 VH
JS 20 min 2000 Intelecom
Earth Revealed Classroom Adaptation Series - Demonstrates how minerals and rocks change when subjected to the physical and chemical conditions that exist on Earth's surface.

Weathering; Earth Science;
Mineralogy

Weathering and Erosion

593354 VH
IMJ 23 min CA 2000 Library Video Company
Earth Science in Action Series - Closed-captioned. Learn how heat, frost, water, and wind cause changes in the Earth's surface. Discover ways people can battle the forces of weathering and erosion through conservation. Demonstration shows how running water erodes different types of soil. Teacher's guide.

Erosion; Weathering; Soil Erosion;
Earth Science

What Exactly are Minerals?

593816 VH
I 11 min CA 2003 United Learning
Geologist's Notebook Series - Closed-captioned. An overview of the world of minerals. Explains their chemical structure, properties, the relationship between minerals and rocks, how we obtain them, and more. Teacher's guide with blackline masters.

Geology; Mineralogy

What Mineral is It?

594868 KT
IMJ 1999 Delta Education Inc
Chart with mineral specimens attached. Demonstrates how to sort and classify minerals. Contains: 1 Chart with 18 mineral samples attached.

Mineralogy; Geology

What Rock is It?

594867 KT
IMJ 1999 Delta Education Inc
Chart with attached rock specimens demonstrates how to sort and classify types of rocks. Contains: 1 Chart with 15 rock samples attached.

Rocks; Geology

What's Happening to the Glaciers?

597577 DV
PIM 28 min 2008 Landmark Media
Head's Up II Series - Scientist Bob MacDonald visits a glacier in the Rockies to learn about their features and their future. Chapter Titles: Glaciers of the North; Rivers of Ice; Bottom of a Glacier; Heat; Ice Core; Sea Levels/Melting Ice; Future Changes. Contains: 1 Disc.

Climate; Glaciers; Earth Science

What's Inside the Earth

024530 VH
IJ 26 min 1995 Rainbow Educational Video
Earth Science Series - Explores the results of shifting of layers in the Earth's interior...volcanoes, earthquakes, geysers, etc. The earth's interior also yields mineral resources considered to be of value—oil, gold, silver, granite, etc. Teacher's guide.

Plate Tectonics; Volcanoes; Earth Science; Mineralogy; Earthquakes

What's Up in Space Series

For descriptions see individual titles:
Earth [593756]

Rocks and Minerals

Who Needs Geology

594978 VH, DV
IMJS 15 min 2004 Landmark Media
Our Earth Series - Almost every product we use is derived from the ground, but products are only the start. Every culture has wondered about the origin and nature of the earth. Geology offers a rich and cautionary explanation. DVD
Contains: 1 Disc and both contain teacher's guide jacket.

Geology

Why Land Goes Up and Down

593820 VH
I 11 min CA 2003 United Learning
Geologist's Notebook Series - Closed-captioned. 3D animation and live-footage demonstrate the forces creating our planet's landscape. Looks at the two processes most responsible - uplifting and erosion. Teacher's guide with blackline masters.

Geology; Erosion; Plate Tectonics;
Earth Science

Windows on the World Series

For descriptions see individual titles:
Prehistoric Life Kit [594004]

Winds and Weather Forecasting

596838 DV
IMJ 10 min CA 2007 New
Dimension Media
Climate Regions & Weathers of the World Series - Closed-captioned. Winds result from differences in atmospheric pressure. While winds carrying moisture are necessary for life, many human activities require accurate weather forecasting. Technology has revolutionized this science but weather's complexity still makes prediction difficult. Contains: 1 Disc and Jacket Teacher's guide.

Weather; Earth Science; Wind;
Meteorology

Winter Weather

592097 VH, OF
IMJS 30 min CA 2002 Weather
Classroom
Weather Classroom Series - Closed-captioned. Studying the colder months of the year to cover the basics of winter storms, this episode examines lake-effect snow, freezing points, sleet, freezing rain, snow, and ice.

Earth Science; Chemistry; Nature
Study

Wonder Why Series

For descriptions see individual titles:
Volcanoes [024936]

You Are There Series

For descriptions see individual titles:
America Grows Up: The Great
Comstock Silver Strike/The
Overthrow of the Tweed Ring
[596957]