Physical Patterns in a Changing World

1929
L19597 Digitized Video
44:50 min IS 1994 Learn360
The events in the history of the United States and the world in the year 1929 are recounted, including politics, weather, sports and fashion.
No Other Versions Available

1935
L19603 Digitized Video
44:27 min IS 1995 Learn360
The events in the history of the United States and the world in the year 1935 are recounted, including politics, weather, sports and fashion.
No Other Versions Available

1936
L19604 Digitized Video
44:26 min IS 1994 Learn360
The events in the history of the United States and the world in the year 1936 are recounted, including politics, weather, sports and fashion.
No Other Versions Available

1937
L19605 Digitized Video
44:17 min IS 1995 Learn360
The events in the history of the United States and the world in the year 1937 are recounted, including politics, weather, sports and fashion.
No Other Versions Available

1938
L19606 Digitized Video
45:06 min IS 1994 Learn360
The events in the history of the United States and the world in the year 1938 are recounted, including politics, weather, sports and fashion.
No Other Versions Available

1953
L19612 Digitized Video
45:16 min IS 1994 Learn360
The events in the history of the United States and the world in the year 1953 are recounted, including politics, weather, sports and fashion.
No Other Versions Available

1954
L19613 Digitized Video
44:56 min IS 1995 Learn360
The events in the history of the United States and the world in the year 1954 are recounted, including politics, weather, sports and fashion.
No Other Versions Available

Across the Jungle Divide
L13083 Digitized Video
28:11 min IS 1990 Learn360
Follows an American journalist as he travels across Panama in the footsteps of the Spanish explorer Vasco Nunez de Balboa. Along the way, we learn about Panama and the life of the Kuna tribe, and the experiences of Balboa.
No Other Versions Available

Across the Sea of Grass: Land of the Eagle
L059405 Digitized Video
49:42 min IS 1990 Learn360
Across the Sea of Grass is the story of how North America was discovered and tamed is told through two sets of eyes: the native Indians and the European newcomers. A BBC Production.
No Other Versions Available

Adenauer Becomes West German Chancellor
Newsreels
L13501 Digitized Video
3:28 min IS 2002 Learn360
Watch highlights from the career of Konrad Adenauer, first Chancellor of West Germany.
No Other Versions Available

Age of Uncertainty
74600 DVD
46 min IS 2003 Filmwest Associates
Age of Uncertainty reveals the often surprising consequences of climate change through the stories of real people already living through them. Because it’s more than just heat...
No Other Versions Available

Air: Extreme Environments
L112105 Digitized Video
23:09 min IS 2008 Learn360
Although we can’t see it, air is vital to our existence. It serves as a blanket that retains warmth from the sun, supports all life on earth, and holds clouds and water vapor that produce rain.
No Other Versions Available

The Amazing Amazon
L117942 Digitized Video
4:47 min IS 1996 Learn360
An exploration into the dolphins, monkeys and sloths that inhabit the Amazon and its diverse jungle environment.
No Other Versions Available

Amazing Planet: Born of Fire
L111787 Digitized Video
50:09 min IS 2007 Learn360
Born of Fire brings you up close and personal - both above and below the surface - with our lava and magma driven world. We start at the beginning, in an obscure corner of the universe, where a relatively unremarkable galaxy is showing signs of planetary progress. These initial, violent growing pains are just a precursor to Earth’s internal struggle to define itself. Watch how forces at work push and pull to constantly reshape the world around us. Join National Geographic for a mesmerizing and eyebrow-singeing look into the past, present and possible future of our Amazing Planet.
No Other Versions Available

Amazon River: Landmarks
L19980 Digitized Video
5:01 min IS 2008 Learn360
South America’s Amazon River is undoubtedly the biggest river, owing to the amount of fresh water it carries to the oceans. 1/5 of the world’s river flow can be attributed to the Amazon. The Amazon is so large that it has its own currents and tides, including a unique giant wave. The Amazon’s giant wave, known as a “pororoca”, is a unique phenomenon that attracts surfers throughout the world.
No Other Versions Available

Amber Room: Landmarks
L110067 Digitized Video
5:02 min IS 2008 Learn360
What you are viewing is the reconstruction of a dream, the Amber Room in Catherine’s Palace in St Petersburg, Russia. The original room may be lost forever but through the joint efforts of two former vicious adversaries, Russia and Germany, the room has been recreated.
No Other Versions Available
Ancient China: The Personal Weapon
L119790 Digitized Video
50:16 min IS 2006 Learn360
All our lives we have heard of it. Prepared for it. Prepared it. The Big One. An earthquake so powerful it will obliterate Los Angeles. Tear down its skyscrapers. Set its hills afire. Drown it in the sea. But what will actually happen when one of the world's most famous time bombs—goes off? Based on the latest super-computer scenarios, we'll follow the quake moment by moment as it unleashes its phenomenal power on this world famous mega-city. But in an unexpected twist, we will come to discover that biggest danger of all comes not from the much-feared San Andreas Fault—but from an unseen—and only recently discovered-killer, buried deep beneath the surface...
Scientists have discovered a "blind" or hidden fault, known as Puente Hills—not thirty or forty miles to the east, like the San Andreas—but directly beneath the heart of the city. And history shows that when this one goes off—it goes off BIG.
No Other Versions Available

Ancient China: Agriculture
L110245 Digitized Video
45:34 min IS 1996 Learn360
The Chinese were the world's first modern farmers, inventing tools and farming techniques that were precursors of modern agricultural technology. Look at the origins of the wheelbarrow, the hoe, the iron moldboard plow, and other tools that predate similar implements in Europe. View information about farming techniques such as furrowing, irrigation, and planting.
No Other Versions Available

Ancient China: Mammals of the World
L19903 Digitized Video
45:24 min IS 2006 Learn360
The Chinese were the most advanced natural historians in the world some two thousand years ago. This program reviews Chinese shipbuilding inventions that were forerunners of modern seafaring technologies. Shipbuilding techniques and engineering are discussed, including the development and use of sails, keels, rudders, and other now-standard ship components.
No Other Versions Available

Ancient China: The Origins of Drilling and Mining
L19090 Digitized Video
45:17 min IS 2006 Learn360
Mining coal, drilling for oil and gas, and related technologies such as smelting, have origins in ancient Chinese inventions and technological innovations. Explore engineering firsts in drilling for salt, which is a necessity for grain-based diets. Also discussed are ancient problems and solutions that still serve as models for drilling and mining operations today.
No Other Versions Available

Ancient China: The Personal Weapon
L19091 Digitized Video
44:38 min IS 2006 Learn360
The tactics and technology of modern weaponry have roots in ancient China's development of personal weapons. This video delves into projectile technology, from the bow and arrow to early Chinese crossbow innovations, the invention of gunpowder, and the engineering of cannons. Modern devices, from rifles and machine guns to missiles, are traced to their ancient origins.
No Other Versions Available

Antler Assault
CBC7219 Digitized Video
21:51 min IS 2013 Canadian Broadcasting Corp.
In this episode of Do or Die, fight for your life when an aggressive stag corners you in the park and think fast when a giant glacier cracks and falls, sending a deadly wall of water rushing toward your boat. You never know when you'll have to make a Do or Die decision. Are you ready?
No Other Versions Available

The Appalachians
74900 DVD
45 min IS 2007 Canadian Broadcasting Corp.
This episode is a trip through the gentle, rolling landscape of eastern North America, a landscape that is deceptive and misleading. Beneath its calm and steady appearance hides a violent and active past. From studying the sediment deposits at Anticosti Island, to rebuilding the history of one of the most significant mass extinctions, 443 million years ago, scientists are piecing together the elements that continue to shape this diverse region. We are led along the stunning coast from Newfoundland to North Carolina to better understand how ancient landmasses separated into Europe and America. And the ground shakes beneath us as scientists reveal the fractures in what is a very active earthquake zone. The explorations and observations scientists undertake today across the vast landscapes of the Appalachians will finally make it possible for us to add a few missing pieces in the great history book of the American continent.
No Other Versions Available

The Arctic
L117944 Digitized Video
6:04 min JIS 1996 Learn360
Summer in the arctic is a time where wildlife emerges and the search for food begins. In this episode we see how this affects the various species of the ecosystem.
No Other Versions Available

Arkansas: Rivers of North America
L15053 Digitized Video
23:11 min JIS 2001 Learn360
This video focuses on the Arkansas River. Note that it is one of the longest rivers in the United States beginning in the Rockies and meeting up with the mighty Mississippi River. Global warming, droughts, and humans threaten this vital waterway.
No Other Versions Available

Assignment: Galilee
L13132 Digitized Video
14:57 min IS 1995 Learn360
Documents an American photojournalist's assignment in Israel as she captures daily Israeli life. In her pictures, she tells the story of families separated by the border between Israel and Syria, and also portrays religious traditions and rituals.
No Other Versions Available

The Atlantic Coast
74901 DVD
45 min IS 2007 Canadian Broadcasting Corp.
This episode hundreds of millions of years back in time, when one of the world's most famous time bombs—goes off? Based on the latest super-computer scenarios, we'll follow the quake moment by moment as it unleashes its phenomenal power on this world famous mega-city.
extinction and the violent break-up of a super-continent. Tectonic movement lies at the heart of this dramatic story of volcanic outpourings, massive rifting of continents and ultimately, the bursting forth of a new, young ocean, the Atlantic.

No Other Versions Available

**Atmospheric Pressure**

**Atmosphere**

L122050 Digitized Video
49:12 min IS 1999 Learn360

It is December 1971 and Soviet scientists are bracing themselves for an encounter with Mars at twenty-five thousand kilometers an hour. Mars 2 and 3 are their most advanced probes to date, and if all goes well they will steal for the Soviet Union the first ever pictures from the surface of another planet. But things look bleak for these robotics pioneers. Reports from telescopes across the country are pouring in to the Crimean control center, all bearing the grim news of a giant storm on Mars. The planet is covered from pole to pole in a thick blanket of dust. But there is no reprogramming the probes they are going in, storm or no storm. Despite the huddle of scientists around the receiving screens willing it to work, that glorious first picture is nothing more than a fuzzy mess of squiggles. The probe is dead. Mankind's first contact with the atmosphere of Mars is over, and the welcome was anything but warm.

No Other Versions Available

**The Atmosphere**

L074416 Digitized Video
20:12 min I 2001 Learn360

Students will learn about the different layers of the atmosphere. The changes in the atmosphere are explained using examples of contemporary environmental conditions brought about by human behavior. The oxygen cycle and the carbon cycle are described. Other terminology includes: conduction, convection, radiation, lithosphere, hydrosphere, ozone, smog, greenhouse effect, ozone depletion, stratosphere, mesosphere and troposphere.

No Other Versions Available

**The Atmosphere**

L119304 Digitized Video
1:08 min KPJIS 2005 Learn360

The atmosphere, or thin gaseous envelope that surrounds earth, protects the planet from the solar rays and retains some of their energy. The troposphere is the 15 kilometers closest to the ground where most weather phenomena take place. Air is composed of 78% nitrogen, 21% oxygen and small amounts of argon, carbon dioxide and water vapor.

No Other Versions Available

**Atmosphere Layers**

L117687 Digitized Video
3:29 min JIS 2010 Learn360

Earth's atmosphere is all that protects us from the cold vacuum of space. It is made up of the four layers that insulate our world and make life possible.

No Other Versions Available

**Atmospheric Pressure**

L119305 Digitized Video
1:41 min KPJIS 2005 Learn360

Atmospheric pressure is the weight of air per surface unit and is measured with a mercury barometer which is a vacuum tube inserted into a vessel of liquid mercury. Air pressure causes the mercury to rise up the tube. Atmospheric pressure depends upon altitude and varies with temperature. Cold air molecules are closer together and as air contracts it becomes heavier and the pressure rises. When air heats up it expands and the pressure drops. High pressure zones are called anticyclones and low pressure zones are called depressions. These are responsible for most of our weather phenomena.

No Other Versions Available

**Australia, New Zealand and the Pacific: Land and Resources**

L110570 Digitized Video
23:35 min IS 2005 Learn360

Kangaroos, koalas and gum trees are among the interesting features of this discussion of the landforms, climates, vegetation and wildlife of Australia, New Zealand and islands of the Pacific.

No Other Versions Available

**Australia, New Zealand and the Pacific: The People**

L110571 Digitized Video
24:37 min IS 2005 Learn360

From native peoples to European migrants, this program presents the history, cultural traditions, and lifestyles of the region.

No Other Versions Available

**Australia/New Zealand: WorldQuest**

L15093 Digitized Video
2:34 min IS 2011 Learn360

Visit the continent, island, and country of Australia. View its geographical terrains and ecosystems and trace its history, culture, and economics. Then learn about Australia's neighbor, New Zealand.

No Other Versions Available

**Austria Regains Sovereignty**

L13087 Digitized Video
2:55 min IS 2007 Learn360

Austria regained its independence in 1955. See the signing of the treaty in which Allied occupying powers ceded control of the country and watch cheering crowds in Vienna.

No Other Versions Available

**Avalanches 101**

L13087 Digitized Video
2:55 min IS 2007 Learn360

A single skier can trigger an avalanche, which can crash down a slope at up to 80 mph. Watch the power behind different forms of avalanches and learn the physics involved. Explore how the risks can be reduced by blasting unstable snow packs and educating outdoors enthusiasts about the hazards of avalanches.

No Other Versions Available

**Bacteria - Energy Producers of the Future?: Science Nation**

L120012 Digitized Video
2:34 min IS 2011 Learn360

All of us use water and in the process, a lot of it goes to waste. Whether it goes down drains, sewers or toilets, much of it ends up at a wastewater treatment plant where it undergoes rigorous cleaning before it flows back to the environment. The process takes time, money and a lot of energy. What if that wastewater could be turned into energy? It almost sounds too good to be true, but environmental engineer Bruce Logan is working on ways to make it happen. Most treatment plants already use bacteria to break down the organic waste in the water. With support from the National Science Foundation, Logan and his team at Penn State University are taking the idea a step further. They are developing microbial fuel cells to channel the bacteria’s hard work into energy.

No Other Versions Available

**The Badlands**

L117946 Digitized Video
4:35 min JIS 1996 Learn360

Extremely alert and adaptive, the prairie dogs have found a way to survive in America's Great Plains for many years. They are often more threatening to themselves than the species that surround them.

No Other Versions Available
Days That Shook the World provides a gripping anatomy of some of the most important days in history, hour-by-hour as they unfold. In 1967, Israel and Jordan fight for control of Jerusalem in Battle For The Holy City.

No Other Versions Available

The Big Easy Animal Rescue
L113654 Digitized Video
60:18 min IS 2005 Learn360

In the deserted streets of New Orleans, there is little sign of life. The chaos and noise of Hurricane Katrina is gone, except for one chilling sound: the desperate howling of hundreds of lonely dogs, pleading with those out of earshot to remember and return. Animal Evac! tells the dramatic story of what happens to the animals in our lives when disaster strikes. New Orleans, post Katrina: Tens of thousands of pets are stranded. . . toxic floodwaters are rising. . . and food is running out. It's a race against time as rescue teams labor around the clock to try save them. National Geographic had exclusive access to the boats and rescuers as they braved bacteria-laced waters and desperately struggled, under military escort, to save the dying animals. We’re aboard rescue boats with Best Friends - the first animal rescue operation allowed to enter New Orleans - as they race to save the tens of thousands of animals estimated to be stranded in the city. It’s a Herculean task, with an uncertain outcome. In the midst of such disorder, even if they’re rescued, will these pets ever find their way back to their owners? Dramatic rescues come one after another, up to fifty a day - many downright dangerous. Each dog or cat is now dehydrated and some are aggressive, terrified and abandoned. Rescue workers must break down doors and windows, braving unknown dangers to save anxious pets. The dogs have turned aggressive, untrusting; the cats scratch and fight. But there is an even greater nightmare. Domesticated dogs and cats accustomed to being well fed are now starving, desperate, and have taken to the streets in feral packs that threaten the lives of the very rescue workers who want to save them. Can these animals be rescued and reclaimed? Our cameras were in the center of the sick, the dying, and the lost in the flooded streets, as well as the shelters that became triage clinics.

No Other Versions Available

Biomes and Ecosystems: Real World Science
L11905 Digitized Video
16:58 min IS 2007 Learn360

Presents seven different biomes and their unique characteristics, identifies where such biomes can be found on Earth, and also lists some animals that need these biomes.

No Other Versions Available

The Biosphere
L119331 Digitized Video
1:05 min KPJIS 2005 Learn360

Earth is the only planet known to show signs of life. The biosphere is the habitable part of earth. The solid part of the biosphere, the lithosphere, is home to many species of plants and animals. The hydrosphere, composed of all the water on the planet, is home to the tiniest algae and largest mammals. The atmosphere is home to birds and insects. The balance is maintained by constant exchanges of matter and energy between earth, water, and air.

No Other Versions Available

Birth of Dionne Quintuplets
L13437 Digitized Video
3:31 min IS 2002 Learn360

Hear the story of the first identical quintuplets known to have survived past infancy. Born in 1934 in Corbeil, Canada, they quickly became the focus of intense public interest. This profile includes footage of the five girls as children, teenagers, and adults.

No Other Versions Available

Building Green
L122849 Digitized Video
19:53 min IS 2008 Learn360

This program presents an overview of job opportunities in this booming industry where there is a high demand for trained professionals. Designers and workers help improve the efficiency of commercial and residential buildings through better design of new buildings and smart improvements to existing structures. Making our homes and offices more energy efficient is an enormous challenge, but the potential cost savings and benefits for the environment are significant. Government mandates, tax credits, and rebates are adding additional incentives. A job in a “green” construction trade can enable a young person, with a minimal amount of training, to get a foot in the door of the green economy.

No Other Versions Available

Butterfly Basics
L110800 Digitized Video
15:36 min I 2002 Learn360

Butterfly Basics, 2nd Edition explores the life cycle of the Zebra Longwing butterfly from egg to larvae to pupa to the emergence of the adult through the process of metamorphosis. It examines instinct and behavior, as well as the butterfly’s anatomy, the purpose of specific body parts, and how butterflies have adapted physically for camouflage, flight, food gathering, pollen dispersal, and reproduction. Each adaptation insures the species’ survival, and the survival of the butterfly is a special link in the survival of all species.

No Other Versions Available

The Cairo Conference
L13546 Digitized Video
3:28 min IS 2002 Learn360

In 1943, the leaders of Britain, China, and the United States met in Cairo to discuss strategy for defeating Japan and the eventual terms of surrender. See scenes from this summit meeting and from a later conference in Tehran between the United States, Britain, and Russia.

No Other Versions Available
California’s Katrina
L19153 Digitized Video
46:19 min IS 2006 Learn360
Experts predict that Katrina will experience a catastrophic flood sometime in the coming century. Like New Orleans, Sacramento relies on levees to prevent flooding. This video uses Hurricane Katrina as a case study for what might await Sacramento. Computer simulations and expert testimony paint a stark picture of the potential devastation.
No Other Versions Available

Cartographic Conventions
L119187 Digitized Video
1:22 min KPJIS 2005 Learn360
Symbols on a map are agreed upon conventions that aid in the graphical representation of reality. Roads are shown as solid or dotted lines, colors are used to distinguish urban zones or forests, pictograms denote services such as schools or hospitals. The symbols are defined in a legend on the side of the map and an arrow or compass rose shows the direction north. A scale relates the size of the map to reality.
No Other Versions Available

Castro Enters HavanaNewsreels
L13381 Digitized Video
3:16 min IS 2002 Learn360
Watch Fidel Castro and his army arrive in Havana, Cuba to cheering crowds on January 9, 1959. The army had overturned the dictatorship of Fulgencio Batista.
No Other Versions Available

Caving A Coral Killer: Science Nation
L120024 Digitized Video
2:34 min IS 2011 Learn360
We often hear about insects and other animals passing on diseases to humans, so-called zoonotic diseases, such as rabies, cholera, West Nile virus, etc... Now, for the first time, researchers are examining a disease that humans are spreading to an animal, specifically Elk horn coral off the Florida Keys. With support from the National Science Foundation, Rollins College biologist Kathryn Sutherland is tracing this emerging infectious disease phenomenon, known as "reverse zoonosis." Elk horn coral was once the most common coral in the Caribbean, but it’s now a threatened species due to population losses from White pox disease. Sutherland believes undertreated sewage, possibly from leaking septic tanks or illegal cruise ship discharge, could be the source of this disease.
No Other Versions Available

Caves
L119179 Digitized Video
1:46 min KPJIS 2005 Learn360
Caves are a network of galleries of dried underground lakes and rivers carved out as rain water dissolved porous rock like sandstone. They become dry as the water table lowers. Speleologists observe impressive concretions forms by the recrystallization of sandstone dissolved by water. Stalactites point toward the ground while stalagmites point to the ceiling. Columns and curtains are concretions that add to the beauty of caves.
No Other Versions Available

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L19153 Digitized Video
46:19 min IS 2006 Learn360
Experts predict that Katrina will experience a catastrophic flood sometime in the coming century. Like New Orleans, Sacramento relies on levees to prevent flooding. This video uses Hurricane Katrina as a case study for what might await Sacramento. Computer simulations and expert testimony paint a stark picture of the potential devastation.
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No Other Versions Available
China: Climbing the Walls
L18679 Digitized Video
11:01 min KPJI 2007 Learn360
Webmaster sends Paula on a mission like no other - to a palace closed off to the public for more than 500 years. After catching her own lunch (trout), Paula climbs a section of the famous Great Wall. She finishes her journey with a slide down the Wall.
No Other Versions Available

China: Chinese Showstoppers
L18682 Digitized Video
11:01 min KPJI 2007 Learn360
Paula's on a highflying adventure in Weifang, the kite capital of the world. She and children from an international school make their own kites. Then, Paula stops by the world's largest kite festival for dancing and drumming. She meets teams who launch everything from dragons to pigs, ships to geckos.
No Other Versions Available

China: High, Low, Fast and Slow
L18683 Digitized Video
11:01 min KPJI 2007 Learn360
Paula boards the world's fastest train in Shanghai, and then slows her pace at an ancient water town. Later, she heads to the top of the world at the Jin Mao Tower, then joins a group of children for a sleepover under the sea.
No Other Versions Available

China's Great Wall: Landmarks
L19990 Digitized Video
5:01 min JIS 2007 Learn360
China's Great Wall is one of the few man made objects that can be seen from space. It stretches across more than 6,400 km of winding landscape, and during its 2,000-year history, the wall has survived threats from Mongol hordes, Japanese invaders and the Red Guards.
No Other Versions Available

Climate
L074348 Digitized Video
20:11 min I 2001 Learn360
Types of climates and climate zones are explained using familiar examples. This video explores why certain plants and animals inhabit different climates. The influence of temperature and precipitation on climate, and what causes a climate to change over time is discussed. Other terminology includes: topography, prevailing winds, rain shadow, altitude, climate, latitude, polar zone, temperate zone, and tropical zone.
No Other Versions Available

Climate Change Likely to Devastate Emperor Penguins in Antarctica: Science Nation
L120027 Digitized Video
4:47 min IS 2009 Learn360
You might call them the "poster children" of Antarctica. Penguins have long topped the charts as the iconic animal of the frozen continent. But now, a new National Science Foundation study indicates melting sea ice, caused by climate change, may soon wreak havoc on one colony of Emperor penguins—and that could spell doom for a large swath of the entire species. We’ll explore the findings of biologist Hal Caswell with the Woods Hole Oceanographic Institute.
No Other Versions Available

Cloud Formation
L119310 Digitized Video
1:18 min KPJIS 2005 Learn360
Water vapor is an invisible gas in the air, but when the vapor condenses, changing from a gaseous to a liquid state, it forms the water droplets and ice crystals we see in clouds. When humid air rises to a certain condensation level clouds are formed. Humid air may rise due to relief features like mountains, by meeting a cooler air mass or when heated by the sun.
No Other Versions Available
Coronation of Queen Elizabeth II

Newsreels

No Other Versions Available

She became monarch over one-quarter of the globe. The Archbishop of Canterbury place the crown on her head as she became monarch over one-quarter of the globe.

Connecticut: Rivers of North America

L15054 Digitized Video
20:44 min JIS 2001 Learn360

From the towering Rocky Mountains to the Gulf of California, the Colorado River carries water through some of the most extreme terrain in America. Reflect upon how it nurtures wildlife, irrigates crops, and creates recreational opportunities.

No Other Versions Available

Columbia/Snake: Rivers of North America

L15055 Digitized Video
24:29 min JIS 2001 Learn360

Get to know the Columbia and Snake Rivers. The Snake River is a major tributary of the Columbia and their confluence carves its way through two mountain ranges and stunning scenery on its way to the Pacific Ocean.

No Other Versions Available

Condemned Paradise (Panama): Seaway

L120198 Digitized Video
25:19 min IS 2011 Learn360

The island of Coiba is considered one of the planet's natural jewels and is both a World Heritage Site and a Biosphere Reserve.

No Other Versions Available

Confronting the Wildness: Land of the Eagle

L074586 Digitized Video
49:36 min IS 1997 Learn360

Trade rivalries eventually pushed the French inland along the St. Lawrence River. The English successfully overtook the fur trade with the formation of the Hudson Bay Company.

No Other Versions Available

Connecticut: Rivers of North America

L15056 Digitized Video
22:37 min JIS 2001 Learn360

Explore the Connecticut River, the largest river in New England, that flows south from its headwaters in New Hampshire into Long Island Sound at Old Saybrook, Connecticut. Consider how the river continues to wind its way through history.

No Other Versions Available

Conservation: Green Matters- What in the World is Going on?

L065518 Digitized Video
23:22 min IS 2008 Learn360

This film examines conservation, environmental and animal rights efforts, including reclaiming the desert in China and harvesting water in Kenya.

No Other Versions Available

The Coral Sea (Australia): Seaway

L120205 Digitized Video
25:18 min IS 2011 Learn360

Australia’s Great Barrier Reef is a World Heritage Site and one of the world’s natural wonders, with 2,300 kilometers of reefs.

No Other Versions Available

Coronation of Queen Elizabeth II

Newsreels

L13442 Digitized Video
3:23 min IS 2002 Learn360

Queen Elizabeth II's coronation was an elaborate ceremony on June 2, 1953 in Westminster Abbey. See the Archbishop of Canterbury place the crown on her head as she became monarch over one-quarter of the globe.

No Other Versions Available

Countries and Cultures of the Andes: Bolivia

L110785 Digitized Video
19:45 min IS 2000 Learn360

The sights, sounds, and lifestyles of Bolivia are explored.

No Other Versions Available

Countries and Cultures of the Andes: Chile

L110786 Digitized Video
18:02 min IS 2000 Learn360

The sights, sounds, and lifestyles of Chile are explored.

No Other Versions Available

Countries and Cultures of the Andes: Peru

L110788 Digitized Video
19:24 min IS 2000 Learn360

The Sights, sounds, and lifestyles of Peru are explored.

No Other Versions Available

Country's Worst Water Disaster

Newsreels

L13461 Digitized Video
3:37 min IS 2002 Learn360

A 1951 flood in Kansas left 500,000 refugees in its wake. See submerged buildings, oil storage tanks on fire, and President Harry Truman viewing the damage from Air Force One.

No Other Versions Available

Crisis Planet Earth

L19295 Digitized Video
45:21 min IS 1997 Learn360

Global warming poses a continuing threat to our planet's survival. That's why NASA scientists Dale Quattrochi and Jeff Luval use the latest space age technology. In this program, the explorers travels to Salt Lake City, Utah and to the Costa Rican rain forest to examine data from scientific instruments that measure the earth's rising temperatures.

No Other Versions Available

Cuban Missile Crisis

L110248 Digitized Video
21:38 min IS 1997 Learn360

In October 1962, President Kennedy and President Khrushchev were locked in a stalemate that would eventually scare the world to the brink of nuclear war. This program follows the dramatic diplomatic resolution of the Cuban Missile Crisis.

No Other Versions Available

Cyprus Agreement

Newsreels

L13423 Digitized Video
3:27 min IS 2002 Learn360

In 1959, Britain, Turkey, Greece, and Cypriot nationalists reached an agreement to make the British colony of Cyprus a republic. Follow the events leading up to independence and the role played by Archbishop Makarios, Cyprus's first president.

No Other Versions Available

Dams - What Goes Up Must Come Down, and Then What?: Science Nation

L120032 Digitized Video
2:34 min IS 2011 Learn360

There's been a lot of research on what happens to a river when dams go up, but what happens when the dam comes down? With support from the National Science Foundation, Dartmouth College geographer Frank Magilligan is researching the impact of dam removal. His lab has been the relatively small Homestead Dam, built more than 200 years ago along the Ashuelot River in New Hampshire. He and his team have collected data on the ecology and geology of the Ashuelot River both before and after the Dam removal. Now, they'll be documenting the processes of ecological restoration and how the path of the river is changing.

No Other Versions Available
Developing Hardier, Weather-Resistant Crops: Science Nation
L120034  Digitized Video
2:32 min  IS  2009  Learn360
At first, the back room of plant physiologist Edgar Spalding’s lab at the University of Wisconsin-Madison might be mistaken for an alien space ship set straight out of a Hollywood movie. It’s a room bathed in low-red light with camera lenses pointing at strange looking entities encased in petri dishes. A closer inspection reveals the petri dishes contain nothing alien at all, but rather very down-to-earth corn seedlings. They’re grown in red light for optimal growth. They’re just one of the plants featured in thousands of time-lapse movies Spalding has created over the past five years. The goal: figure out how to grow crops optimally suited to survive, and thrive. “We can’t hope to improve a plant unless we understand it well,” says Spalding. With support from the National Science Foundation (NSF), Spalding is exploring just what makes plants tick. He says the key is to study the function of each of the thousands of genes that make up the plant’s DNA. “One way to do that is to collect images of those plants that have those genes altered in some way. And by measuring how those plants grow and develop differently,” says Spalding.
No Other Versions Available

Defis Nordiques
76826  DVD
52 min  IS  2013  Cinetéva
Plusieurs défis marqueront l’avenir du Québec et auront une incidence sur notre développement. Le réchauffement climatique et la transformation du territoire, la place du Nord dans la nouvelle géopolitique des ressources naturelles et l’arrivée d’une nouvelle génération dutochtones qui souhaitent contribuer au développement de leur communauté.
No Other Versions Available

Deadly Mudslide
CBC7224  Digitized Video
21:55 min  IS  2013
On this episode of "Do or Die, strive to stay alive when you get caught in a stampede of over-anxious shoppers. Escape from two snarling German Shepherds bent on tearing you to shreds. And think fast when a mudslide overtakes your car. Do you have what it takes to survive these Do or Die disasters?
No Other Versions Available

Decoding Disasters: Are We Prepared For Another 9-11?: Science Nation
L120033  Digitized Video
2:33 min  IS  2011  Learn360
The Disaster Research Center at the University of Delaware aims to help communities become as prepared as possible for unplanned, sometimes unthinkable events. The Center’s work and guidelines have been adopted by the Federal Emergency Management Agency (FEMA), the American Red Cross, medical reserve groups, and the U.S. Department of Homeland Security. Following the 9/11 terrorist attacks, the Center’s associate director, sociologist Tricia Wachtendorf, looked at specific events in lower Manhattan, including the water evacuations of hundreds of people fleeing the World Trade Center. She noted that both the Coast Guard and private boats did an extraordinary, fly by the seat of their pants, job amidst the chaos. Contrast that to the much criticized response to Hurricane Katrina in New Orleans. What works and what doesn’t, and what can be learned from these complex, unrelated disasters? With support from the National Science Foundation, Wachtendorf intends to find out. She and her team have seen firsthand the disaster sites following the China and Haiti earthquakes, and the Indian Ocean earthquake and tsunami. They’re looking at everything from public response to communications and transportation issues.
No Other Versions Available

Dew and Fog
L119312  Digitized Video
1:07 min  KPJIS  2005  Learn360
Dew and fog are condensation phenomena at ground level. When the ground cools to the temperature at which the air is saturated with water vapor, dew forms as a drop of water on a cool surface like a plant in the morning. Fog is a cloud at ground level formed when the ground cools.
No Other Versions Available

Disappearing Frogs - Trying to Save the World's Amphibians: Science Nation
L120037  Digitized Video
5:04 min  IS  2009  Learn360
Disease, pollution, and loss of habitat are killing off hundreds of species of amphibians. One of the biggest threats right now is an aquatic fungus called chytrid that infects the skin of these historically tough, resilient creatures. While a few species seem to be resistant to the fungus (marine toads, American bullfrogs and African clawed frogs), chytrid is usually fatal to most others. With funding from the National Science Foundation, Biologist Vance Vredenburg studies the disease and shares his research with scientists who are dealing with this crisis on every continent where amphibians live.
No Other Versions Available

Dreaming of Blue (Palau, Micronesia): Seaway
L120206  Digitized Video
25:13 min  IS  2011  Learn360
In this episode we will see the region’s extraordinarily rich marine life: all kinds of corals and a complete, surprising, and very populous fauna. We will also show the viewers the famous lagoon that is home to millions of isolated and harmless jellyfish.
No Other Versions Available

Early Life
L074353  Digitized Video
19:40 min  IS  2006  Learn360
This program explores current scientific theories explaining possible processes by which Earth was formed. Fascinating animations illustrate Earth’s early conditions that led to the development of life. The living conditions and nature of early life is highlighted. Other terminology includes: the Big Bang Theory, atmosphere, evolve, prokaryote, eukaryote, photosynthesis, and multicellular organisms.
No Other Versions Available
Earthquakes are some of the most destructive natural disasters on Earth. It comes without warning and in a matter of seconds can level a city. How do they happen? Is there anything we can do about them?

Earthquakes happen and how we might predict them.

Few forces in nature are capable of producing more devastating disasters than earthquakes. They strike suddenly and with great violence. For centuries, scientists have tried to understand these catastrophic movements of the earth. In this program, you’ll see how seismology has developed through the ages. You’ll learn how seismologists are using new technology to gain a greater understanding of how quakes happen and how we might predict them.

Earthquakes are sudden, unpredictable movements of the Earth’s crust, which can result in widespread loss of life, as well as extensive damage to buildings, and infrastructure.

Earthquakes are some of the most destructive natural disasters on Earth! It comes without warning and in a matter of seconds can level a city. How do they happen? Is there anything we can do about them?

Earthquakes are some of the most studied natural disasters, and yet much of their qualities are still shrouded in mystery. Earthquakes strike along fault lines between the 12 tectonic plates when the frictional pressure becomes too much. Throughout history they have devastated cities.

Earthquakes strike along fault lines between the 12 tectonic plates when the frictional pressure becomes too much. Throughout history they have devastated cities.

Earthquakes To The Core - Researchers Drill Down At The Epicenter: Science Nation

Understanding what happens at the epicenter of an earthquake, as the tectonic plates beneath the earth shift and the earth shakes, could help us better predict when and where the next big one will hit. For the past six years, scientists from a number of institutions have joined in a project called San Andreas Fault Observatory at Depth, or SAFOD. They have drilled to the core of the San Andreas Fault, near Parkfield California, down to a specific area along the fault known to experience a number of small earthquakes every year. By retrieving and studying core rock samples from that site, geologists Chris Marone and Brett Carpenter and hydrogeologist Demian Saffer are getting a better understanding of the types of rocks involved in earthquakes that could be connected to earthquakes.
in major quakes, versus the rocks present at more forgiving ones. They're putting core samples through rigorous tests at their lab at Penn State to determine the rocks' strengths and breaking points. They say their project is just one piece of a complex puzzle - how to better predict when major earthquakes, like the one that devastated Japan, will occur.

No Other Versions Available

Earth's Atmosphere
L119303 Digitized Video
0:48 min KPJIS 2005 Learn360
The thin gaseous layer that envelops the earth and protects it from solar rays is called the atmosphere. Air has weight that depends upon altitude and temperature. These variations in pressure create air movements that move, bump into one another and swirl around each other. Winds contribute to the thermal equilibrium of the planet.

No Other Versions Available

Earth's Atmosphere
L119284 Digitized Video
2:12 min KPJIS 2005 Learn360
Earth's atmosphere is a thin gaseous envelope that extends several hundred kilometers above the surface, but most air molecules are concentrated in the troposphere near earth's surface. The main gases of nitrogen and oxygen allow living organisms to breathe and evolve. Water vapor molecules contribute to meteorological phenomena and feed the oceans as well as help to maintain surface temperature at an average of 15 degrees C. The stratosphere from 15 to 50 km altitude protects earth from the sun's radiation especially through the ozone layer. The mesosphere extends from 50 to 80 km and is where small meteors burn up. In the ionosphere, from 80 to 500 km, the air is thinner and electrically charged particles give rise to the polar auroras. It is here where the Space Shuttle and the International Space Station operate. The exosphere extends above 500 km and is where satellites and the Hubble Space Telescope operate. The few gas molecules may escape and disperse into space.

No Other Versions Available

Earth’s Natural Resources
L074355 Digitized Video
20:34 min PJI 2007 Learn360
Everyday we use natural resources. This program introduces students to the importance of natural resources in our lives. Renewable and nonrenewable resources are differentiated with examples illustrating each. The positive and negative aspects of each category are stressed. Recycling, reuse, and resource alternatives are discussed. Other terminology includes: energy resources, solar energy, fossil fuels, mineral resources, recycle, reuse, scarce resources, pollution, and resource sustainability.

No Other Versions Available

Eastern Canadian Provinces: North American GeoQuest
L15040 Digitized Video
24:56 min JI 1998 Learn360
Explore Eastern Canada’s six provinces. Learn their capital cities, size, and population. Observe each province’s major geographical regions and how these have influenced the lives of its people, its economy, and its history.

No Other Versions Available

Eco-Friendly: Green Matters- What in the World is Going on?
L065519 Digitized Video
23:01 min JIS 2008 Learn360
When it comes to the environment each person makes a difference, each person leaves a mark. Deciding how to lighten one’s footprint is usually an individual decision, but these decisions have a collective outcome. Choosing the more environmentally friendly approach to life is what this program is about. We’ll hop the globe to learn about “green” weddings, constructing “green” buildings and even efforts to turn the lonely toilet just a shade greener.

No Other Versions Available

Eco-Tourism: Green Matters- What in the World is Going on?
L065520 Digitized Video
21:18 min IS 2008 Learn360
What a novel idea, getting up close and personal with plants, animals and the environment and then leaving it just as it was found. Without impact, or damage! Sometimes that means bypassing that once-in-a-lifetime experience or forsaking the urge for a take home souvenir. Its important to remind ourselves that were not alone in this world and to also understand, its not fair to treat the rest of the world as if we are all that matters.

No Other Versions Available

Ecosystem Dynamics
L074357 Digitized Video
20:02 min I 2003 Learn360
In this program students are introduced to the study of ecology. It discusses the role which producers, consumers, and decomposers play in ecosystems and the exchange of energy between them. Other terminology includes: environment, interconnected, community, natural communities, habitats, energy dynamics, energy laws, stability and biodiversity.

No Other Versions Available

Ecosystems
L119332 Digitized Video
23:01 min KPJIS 2005 Learn360
An ecosystem is a community of plants and animals living in relationship with each other in a given environment. Nutrition is the main mechanism by which energy is transmitted from one species to another. In the food chain, plants produce their own food with carbon dioxide and minerals and are eaten by herbivores which in turn are consumed by carnivores, themselves eaten by super predators. When an organism dies the organic matter is decomposed by worms, insects and microorganisms resulting in minerals used by plants, completing the food chain. There are aquatic, terrestrial and atmospheric ecosystems which can vary greatly in size, as a lake or ocean.

No Other Versions Available

Egypt: I Want My Mummy
L18684 Digitized Video
11:01 min KPJI 2007 Learn360
Webmaster sends Paula to the Valley of the Kings to unravel the mystery behind the famed tombs. She gets sidetracked in the Valley of the Queens before realizing her clue was leading her to the tomb of the boy king.

No Other Versions Available

Egypt: Pyramid Power
L18688 Digitized Video
11:02 min KPJI 2007 Learn360
Paula arrives at the only remaining ancient wonder of the world, and catches a camel ride for a closer look. She also finds out that the Sphinx is just as regal today as ever. And, she visits a young girl whose home has a spectacular view of the famous Pyramids of Giza.

No Other Versions Available

Egypt: Queen of the Nile
L18689 Digitized Video
11:01 min KPJI 2007 Learn360
Paula cruises along the world’s longest river, but not before exploring an Egyptian farm with a young girl. At the end of the day, she hops aboard a felucca for a sunset sail along the Nile.

No Other Versions Available

Egypt, Syria Approve United Arab Republic
Republic Newspapers
L13396 Digitized Video
3:32 min IS 2002 Learn360
Learn about the 1958 merger of Egypt and Syria to create a unified state called the United Arab Republic. The country lasted until 1961, when a coup led Syria to secede—although Egypt used the UAR name until 1971.

No Other Versions Available
Citizens to advocate for environmental protection and strategies for sustainable growth.
No Other Versions Available

**Episode 1: Thinkgreen**
L110596 Digitized Video
22:54 min JIS 2006 Learn360
A bicycle that runs on compressed air, homes for the heart of a nature reserve, villages turned into an environmentally sound havens, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 10: Thinkgreen**
L110605 Digitized Video
23:59 min JIS 2006 Learn360
The largest wind farm in Europe, hydrogen power, converting bacteria into hydrogen, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 11: Thinkgreen**
L110606 Digitized Video
22:53 min JIS 2006 Learn360
Flammable crystals, never before seen animal species, spiders as indicators of climate, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 13: Thinkgreen**
L110608 Digitized Video
22:58 min JIS 2006 Learn360
Tiger products for sale, Biscay dolphin research, super toilets, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 15: Thinkgreen**
L110610 Digitized Video
22:57 min JIS 2006 Learn360
Protecting sharks, fungus in Panama, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 2: Thinkgreen**
L110597 Digitized Video
22:59 min JIS 2006 Learn360
Houses from straw, making silk, and solar powered boats, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 23: Thinkgreen**
L110618 Digitized Video
23 min JIS 2006 Learn360
Solar panels of all shapes and sizes, carbon neutral housing development, electric bikes, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 24: Thinkgreen**
L110619 Digitized Video
23 min JIS 2006 Learn360
Snow leopards, illegal dumping, genetically modified foods, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 25: Thinkgreen**
L110620 Digitized Video
22:50 min JIS 2006 Learn360
Measuring greenhouse gases, natural air conditioning systems, and more in this episode of Thinkgreen.
No Other Versions Available

**Episode 27: Thinkgreen**
L110622 Digitized Video
23 min JIS 2006 Learn360
Compost from municipal waste, environmentally friendly surfboard, eco-friendly worm farm, bench that grows, and more in this episode of Thinkgreen.
No Other Versions Available
Exterminator
L110313
45:49 min
IS
2002
Learn360
Though techniques improve as history unfolds, the exterminator’s aim remains the same, control the menace, stifle the aggressors, and at times kill or be killed. See exterminators at work and the pests they pursue.
No Other Versions Available

Extraordinary Nations and Places
L19369
Digitized Video
43:25 min
IS
2000
Learn360
Take a journey to explore the earth’s extremes—from the highest mountains and deepest oceans to the longest river and tallest waterfall. See the world’s biggest and smallest countries and find the most bizarre city on earth. Learn how these most extraordinary places were discovered, created, or determined and how humans have interacted with them over time.
No Other Versions Available

Extreme Ice
L111817
Digitized Video
50:24 min
IS
2009
Learn360
Alaska’s wilderness includes both coastal terrain and Kodiak Island with its rugged mountain peaks and crystalline, rushing rivers and streams. The brown bear finds prey here in the grassy, verdant interior, along the shorelines and in the freshwater that surges from the glacier melt. But for the first time the defending brown bear will meet an equally worthy challenger...
No Other Versions Available

Faberge Egg Exhibition: Landmarks
L110068
Digitized Video
5:02 min
JIS
2008
Learn360
Faberge eggs were originally the creation of Russian jeweler Carl Faberge who took over his father’s St. Peters-burg goldsmith business in 1870. In 1885 he was appointed the supplier to the court of his imperial majesty, the tsar of Russia.
No Other Versions Available

Fidel Castro
L110320
Digitized Video
22:53 min
IS
1963
Learn360
Hear how Cuba’s turbulent history became the prologue to the rise of Fidel Castro and the fall of Cuban freedom.
No Other Versions Available

Fidel Castro
L110257
Digitized Video
26:18 min
IS
1963
Learn360
This video summarizes the rise to power of Fidel Castro in Cuba. Castro planned to campaign for a parliamentary seat in the election of 1952, but General Fulgencio Batista overthrew the government and canceled the election. Castro then gathered support for a guerrilla campaign that would ultimately topple Batista in 1959. After Batista fled the country, Castro assumed power and established a Communist dictatorship with close ties to the Soviet Union. He nationalized industry and collectivized agriculture. The new Cuba benefited the working class, but was a hard on the middle and upper classes, many of whom fled to the United States. When US property in Cuba was confiscated, the US government retaliated by imposing an economic embargo on Cuba and helped in 1961 to engineer an unsuccessful attempt to destabilize the Cuban government and overthrow Castro in what became known as the Bay of Pigs Invasion. Castro has supported revolutionary movements in various Latin American countries and in Africa and has become a symbol of revolution.
No Other Versions Available

A Fierce Green Fire
76873
Digitized Video
101 min
IS
2012
Mcnabb/Connolly Films
A FIERCE GREEN FIRE: The Battle For a Living Planet is the first big-picture exploration of the environmental movement - grassroots and global activism spanning fifty years from conservation to climate change. From halting dams in the Grand Canyon to battling 20,000 tons of toxic waste at Love Canal; from Greenpeace saving the whales to Chico Mendes and the rubber-tappers saving the Amazon; from climate change to the promise of transforming our civilization... the film tells vivid stories about people fighting - and succeeding - against enormous odds.
No Other Versions Available

The First and Last Frontier: Land of the Eagle
L059408
Digitized Video
49:39 min
J
1990
Learn360
The First and Last Frontier is the story of how North America was discovered and tamed is told through two sets of eyes: the native Indians and the European newcomers.
No Other Versions Available

Flooding
76668
30 min
JI
2013
Mcnabb/Connolly Films
No Other Versions Available

Floods 101
L13093
Digitized Video
3:29 min
IS
2007
Learn360
Floods in the United States result from a variety of causes, including: rainfall, snowmelt, tsunami, hurricanes, landslides, mudflows, or failed dams and levees. Watch as some of these causes are illuminated during a review of famous floods in New Orleans and along the Mississippi River.
No Other Versions Available

Floods Rage in Eastern StatesNewsreels
L13432
Digitized Video
3:47 min
IS
2002
Learn360
The Great Flood of 1936 devastated the United States’ entire northeastern region. The biggest flood in 300 years, it left over 400,000 people homeless and brought transportation to a halt from Ohio to Maine. Witness hundreds of people fleeing from rising water on a city street.
No Other Versions Available

Forbidden City: Landmarks
L19988
Digitized Video
5:01 min
JIS
2007
Learn360
For almost five centuries the Forbidden City in the center of Beijing, served as the home of the emperor and his household. It was the ceremonial and political center of Chinese government and like many of its type, had its share of intrigue.
No Other Versions Available

Foundations of Earth Science I
L16318
Digitized Video
16:43 min
JI
2005
Learn360
Anything that takes up space and has mass is considered matter. Observe how temperature changes the phases of matter and affects the molecules that compose the object. Hear how to measure mass and volume.
No Other Versions Available
Foundations of Earth Science II
L16319 Digitized Video
22:25 min JI 2005 Learn360
Matter is anything that takes up space and has mass. Learn how to determine the density of an object and what affect density has on objects. Explore the influences force and pressure have on matter to cause motion.
No Other Versions Available

The French Foreign Legion
Newsreels
L13902 Digitized Video
3:54 min IS 2002 Learn360
See actual footage of French Foreign Legion troops in North Africa in 1912. Learn about the military campaigns carried out by the French against hostile tribal leaders.
No Other Versions Available

Game Changer Research Aims To Forecast Tornadoes: Science Nation
L120052 Digitized Video
2:34 min IS 2009 Learn360
Tornadoes claim hundreds of lives and cause billions of dollars in damages in the United States. With support from the National Science Foundation, computer scientist Amy McGovern at the University of Oklahoma is working to find answers to key questions about tornado formation. Why do they occur in some storms, but not in others? While video from storm chasers and data from Doppler radar can help meteorologists understand some aspects of tornadoes, McGovern uses different, powerful tools, such as supercomputers and known data mining, which finds patterns in very large datasets. In addition to studying real storms, McGovern and her team also create supercomputer simulations to analyze how constantly changing storm components interact. Then, she works with weather experts to help her sort out the information in the simulations. McGovern’s ultimate goal is to come up with reliable tornado forecasting system.
No Other Versions Available

The Gandhi Story
Newsreels
L13709 Digitized Video
4:32 min IS 2002 Learn360
Learn about the life of Mahatma Gandhi, the leader of a non-violent movement for India’s independence from Britain.
No Other Versions Available

Geographical Terms: Bodies of Water
L114031 Digitized Video
7:06 min JI 2010 Learn360
Students learn the words geographers use to describe various bodies of water.
No Other Versions Available

Geographical Terms: Different Places On Earth
L114032 Digitized Video
8:32 min JI 2010 Learn360
Viewers learn geographical words that help people identify different places on earth.
No Other Versions Available

Geographical Terms: Landforms
L114030 Digitized Video
8:04 min JI 2010 Learn360
Students learn the words geographers use to describe various landforms.
No Other Versions Available

Geography, Science, Health: On the Spot
L121289 Digitized Video
20:25 min IS 2011 Learn360
From the reason North is up to the fight over the number of oceans, the history of climate change to the truth about vegetables, and the skinny on stretching to the medical benefit of hugs.
No Other Versions Available

George VI and Queen in Washington
Newsreels
L13448 Digitized Video
3:19 min IS 2002 Learn360
King George VI and Queen Elizabeth’s 1939 trip to Washington, D.C. was the first time a British monarch had visited the U.S. Watch President Franklin D. Roosevelt and First Lady Eleanor Roosevelt welcome the royal couple at Union Station and see the motorcade to the White House.
No Other Versions Available

Germany
L13095 Digitized Video
4:47 min IS 2004 Learn360
Tour Germany, and get a quick overview of this nation's history. Learn how the country was formed, meet famous Germans, and hear a brief description of Germany's involvement in World Wars I and II. Find out about the economic and political transformations that have occurred in this country.
No Other Versions Available

Giza Pyramids
L14156 Digitized Video
4:59 min IS 2002 Learn360
Experience the magic of Egypt’s pyramids of Giza. See how archaeologists are preserving these ancient wonders despite the challenges of booming tourism and the encroachment of nearby developments.
No Other Versions Available

Gobi Adventure
L13141 Digitized Video
25:32 min IS 2001 Learn360
Two explorers travel to the Gobi Desert of China to capture a glimpse of the lives of those who inhabit this vast wilderness. The growing desert threatens those who inhabit this region as resources dwindle.
No Other Versions Available

Golda Meir: The Greats
L110139 Digitized Video
5:02 min JIS 2008 Learn360
Golda Meir, one of the 20th century's most formidable politicians, was born in Kiev, eastern Europe in 1898. She spoke no English when her family immigrated to the United States eight years later, but graduated as class valedictorian from her Wisconsin school.
No Other Versions Available

GP Smells Garbage: Planet Echo Season 2
L093665 Digitized Video
22:03 min JI 2012 Learn360
In this episode we find out what really happens when we recycle. ADVENTURE: Chuck and Andy write a script and make fun of our industry by writing too many scripts and signing too many legal and accounting documents. By the end of the day they are up to their eyeballs in paper! THE LAB: Dr. Greenies lab is creating a lot of garbage lately and since GP is the one who has to take the smelly signing too many legal and accounting documents. By the end of the day they are up to their eyeballs in paper! THE LAB: Dr. Greenies lab is creating a lot of garbage lately and since GP is the one who has to take the smelly garbage out every day, he wants to know why they're not trying to reduce, reuse and recycle. When Dr. G suggests a plan to convert garbage into Guinea Pig food GP is not so sure.
No Other Versions Available

GP Takes a Bath: Planet Echo Season 2
L093664 Digitized Video
22:03 min JI 2012 Learn360
In this episode we find out how to stay green while getting clean. ADVENTURE: The guys decide to hold a PLANET ECHO Charity car wash to raise money for the environment. Their plans are dashed when their first customer is a very dirty school bus. The boys spend the whole day washing one vehicle by hand! THE LAB: Dr. G decides that GP is a bit stinky and needs a bath. Since Guinea Pigs dont like to get wet Dr. G makes a special soap that is environmentally friendly and we learn all about different ways to keep the planet clean.
No Other Versions Available
**Grand Canyon: Landmarks**
L110088 Digitized Video
5:01 min JIS 2007 Learn360
The Grand Canyon in Arizona is a geologic museum of epic proportions. In one panoramic sweep you can see nearly half of the earth's 4.6-billion-year history. Erosion has exposed rock strata ranging from the 1.7-billion-year old Vishnu Schist of the inner gorge, to the pale Kaibab Limestone deposited 250 million years ago. The Grand Canyon began to appear about 70 million years ago. It took another 5 to 6 million years for the wind, rain, ice, gravity and sediment-laden Colorado to widen the canyon to its present 10-mile average width.
No Other Versions Available

**The Great African Rift**
L117948 Digitized Video
4:21 min JIS 1996 Learn360
In East Africa the rich soil of the Great Rift Valley can make for a nice stay for most grazing mammals, but despite its hospitable conditions it is not without predators.
No Other Versions Available

**Great Bear Rainforest**
L111819 Digitized Video
56:10 min IS 2004 Learn360
We follow biologist Chris Darimont's journey through the Great Bear Rainforest of British Columbia as he follows a pack of wolves and their trials and tribulations in grizzly bear country. Mighty grizzlies and cunning wolves are just some of the predators - and mortal rivals - that call the Great Bear Rainforest home. In this magical yet forbidding place, wildlife coexists and behaves as nowhere else on earth. This landscape seems brutally larger than life. Here, mountain walls rise vertically from the sea. Giant moss-laden trees live more than 1,500 years and tower 300 feet. Every inch of this rainforest teems with life - wolves, wolverines, otters, marbled murrelets, eagles, killer whales, bears, and energizing all of them, wild salmon runs, slicing through like a main circuit cable. Yet this untamed Eden is falling prey to the greed of loggers and hunters, and is disappearing before our eyes at the rate of one acre per minute. Now a passionate and dynamic biologist, Chris Darimont, is determined to save one of the wettest and wildest places on earth. Join National Geographic's GREAT BEAR RAINFOREST on the journey of a lifetime as this hero of our planet confronts nature's harshest elements and some of the most dangerous animals on earth in order to protect the very roots of this primeval forest.
No Other Versions Available

**Great Explorers: Teddy Roosevelt and the River of Doubt**
L13098 Digitized Video
5:10 min IS 1997 Learn360
Learn about a harrowing chapter in President Teddy Roosevelt's life when, in 1914, he joined an expedition to chart an unexplored tributary of the Amazon River. Hear about the challenges Brazilian explorer Candido Rondon and Roosevelt faced in the Amazon jungle.
No Other Versions Available

**The Great Lakes**
74898 DVD
45 min IS 2007 Canadian Broadcasting Corp.
This episode series tells the story of the dramatic changes in the geology and landscape of the vast central area of North America that only in very recent geologic history takes the form of five great interconnected freshwater lakes. We find the roots of a long vanished mountain range that once rivaled the Himalayas, explore the remains of a tropical salt-water sea, and trace the story of a sudden massive flood that drowned vast areas of land. From moraines, to kettles, to drumlins, to tarn lakes, and Niagara Falls, the topography and geology of the Great Lakes region is unparalleled, strikingly beautiful and a place of wild contrasts. It is truly a wild, rocky place whose grandeur and mystery drew men to commune with the spirit of the sea a place where man is and forever will be only a visitor.
No Other Versions Available

**Green Matters: What in the World is Going on? - Recycling**
L065528 Digitized Video
23:33 min IS 2008 Learn360
As the worlds garbage piles grow to even greater heights, many people and industries are finding new uses for old things. In Manila, the Philippines, local women are running a thriving business repurposing old papers into fashionable accessories creating a worldwide demand. In the U.S., recycling E-Waste is big business as producers and consumers consider important ways to reduce their toxic impact on the environment. It begs the question: So, what are you doing?
No Other Versions Available

**Great Lakes Region: North American GeoQuest**
L15041 Digitized Video
25:59 min JI 1998 Learn360
The Great Lakes region is made up of the six states which have shorelines on the Great Lakes. Discover how the Great Lakes were formed and populated. Learn how the geography of the region influences the lives of its people, economy, and history.
No Other Versions Available

**Great Oceanic Migrants**
L059330 Digitized Video
50:04 min IS 2013 Learn360
This program focuses on some of the oceans great migrators and relates one of humanitys most important conservative victories: the recovery of the humpback whale. In the Dominican Republic, scientists are trying to solve the mystery of this species migratory routes. But new dangers, such as plastic pollution, now threaten the health of our oceans. A new garbage patch was recently discovered in the middle of the Atlantic Ocean. And now in the Pacific, albatrosses mistake pieces of plastic for food and feed over five tons of it to their chicks every year.
No Other Versions Available

**Green Design**
L122855 Digitized Video
21:21 min IS 2009 Learn360
In this program, we'll explore the exciting race underway to design greener products of all sorts. You can work toward a green career as an architect, interior designer, industrial engineer, or product designer within a myriad of businesses. This is a contest that will reward those who can envision or help create the "greener mousetraps" of tomorrow.
No Other Versions Available

**Physical Patterns in a Changing World**
because those seeds that became the toast you ate this morning are being hijacked - right into a looming world food security catastrophe. While our industrial system of agriculture is providing abundance and variety today, this documentary warns us that it's an unsustainable system that will not be able to nourish and provide for us and our grandchildren in the future. It's a system that literally runs on oil, from fertilizers and pesticides, to the trucks and planes that transport food. And the source of our food - seeds - is being hijacked by a handful of corporations from the farmers who have for millennia, grown and saved them. The film looks at the increasingly fragile base of our North American industrial food system in order to bring all of us consumers of food to a better understanding of just what's at stake with our daily bread. It asks us to question the wisdom of a system precariously based on oil and corporate seeds while we're at the same time witnessing the impact of climate change.

No Other Versions Available

Homes Put to TorchNewsreels
L13672 Digitized Video
46:47 min IS 2002 Learn360
Watch as old factory workers' homes in 1932 England are deliberately set on fire to make way for new, improved houses.

No Other Versions Available

Hotel Hanoi: Landmarks
L19987 Digitized Video
5:02 min JIS 2008 Learn360
If you own a pet, this is one landmark story that will be of interest. Tucked away in an unremarkable residential alley of Hanoi in Vietnam is the Hotel Cho Meow, or Hotel Dogs and Cats. Nguyen Bao Sinh's 50-room Hanoi hotel for animals offers long-term boarding, music, a scenic lake view as well as veterinary care.

No Other Versions Available

How the Earth Was Made
L19391 Digitized Video
91:16 min IS 2007 Learn360
This compelling documentary tells the story of Earth's development, from its birth an unfathomable-number of years ago to present-day changes and onward to speculations of a distant future. Experience breathtaking cinematography, stunning animations, and precise computer renderings that transport you in time and space.

No Other Versions Available

How We Know the Earth's Shape
L16294 Digitized Video
9:57 min JI 1986 Learn360
Explore how the understanding of the earth's shape has changed over time. Examine how early Greek scientists discovered the earth is not flat. Learn the role played by Sir Isaac Newton and see how satellite photos further defined the earth's shape.

No Other Versions Available

Hudson: Rivers of North America
L15057 Digitized Video
29:43 min JIS 2001 Learn360
Learn about one of the shortest rivers in the United States. Explore the role the river played in the founding of America. Examine the lure of the river to artists and industrialists alike and see how pollution is impacting the river today.

No Other Versions Available

The Human Fingerprint
74599 DVD
46 min IS 2003 Filmwest Associates
The Human Fingerprint explores the underlying science of climate change. From North and South America to Asia and Europe, we examine the evidence to learn what today's rising temperatures mean for our own future.

No Other Versions Available
Hurricane Slashes Florida Coast

Newsreels

When Geologist Jeff Donnelly of the Woods Hole Oceanographic Institution (WHOI) hunts for hurricanes, he does it safely at ground level, or just slightly below. He is even able to do it without having to encounter so much as a drop of rain or a gust of wind. With funding from the National Science Foundation, Donnelly leads a team that studies long term global hurricane patterns. They travel to coastal areas where a hurricane's storm surge has washed over beaches and left sediment deposits, such as sand, in areas where there normally wouldn't be any. By digging and studying cores from different points around the Atlantic Ocean, he and his team have been able to paint a picture of long term global hurricane activity. They've unearthed some interesting findings about past hurricane activity which might give us a hint about what we can expect in the future.

No Other Versions Available

Humidity

Humidity is the amount of water vapor in the air. Water molecules in a gaseous state are constantly moving and not attached to each other. Condensation occurs when saturated air cools more quickly than warmer air which can absorb more humidity. Condensation occurs when saturated air cools and part of the humidity it contains returns to a liquid state. From space we can see condensed water in the form of clouds. Water vapor is invisible. Water vapor is distributed throughout the atmosphere and there is never zero humidity, even in the driest deserts.

No Other Versions Available

Hurricane 101

Hurricanes are the most costly natural disasters in the United States. Watch as experts explain the stages of hurricane formation. Learn about meteorologists and the tools they use as they try to predict when and where hurricanes will hit.

No Other Versions Available

Hurricanes : Natural Disaster or Natural Phenomena?

A virtual what, how, when, where, why and wow of Mother Nature's most wild side. Program includes carefully chaptered segments covering all the principal elements of understanding. Hurricanes are nature's giants, some reaching up to nine miles tall! But one thing is nearly certain every year there will be a few hurricanes that do hit land. From space, a hurricane looks like a giant, circular, swirling cloud with a hole in the center. The hole is called the "eye" of the storm. A hurricane is one of the biggest, most dramatic shows that nature can put on. It's an extreme example of our global weather system in action. A hurricane is an awe-inspiring event but one you'll want to observe from a safe distance!

No Other Versions Available

Identifying Clouds

There are various shapes of clouds but depending upon their altitude they can be placed in four main families. Clouds under 2000 m are called low clouds like the stratus clouds. Nimbostratus clouds are undefined and signal continuous precipitation while stratocumulus clouds are grey cloud banks that generally do not produce rain. Mid-level clouds from 2000 m to 6000 m are called altostratus or altocumulus clouds. Above 6000 m are the high altitude clouds, the cirrus clouds, cirrostratus and cirrostratus. The fourth group consists of vertically developed clouds that straddle several altitude levels like cumulus clouds that signal good weather and cumulonimbus that may produce stormy precipitation.

No Other Versions Available

In Search of the Jaguar

Deep within the Amazon rain forest, a hunter is on the prowl. Powerful and mysterious, it is the largest cat in the Americas. Glimpse into the extraordinary world of the jaguar and the elusive people forever bound together by their spirit. Jaguar and the elusive people forever bound together by their spirit. jaguar and the elusive people forever bound together by their spirit. jaguar and the elusive people forever bound together by their spirit. jaguar and the elusive people forever bound together by their spirit.

No Other Versions Available

Physical Patterns in a Changing World

Why do people settle where they do? Why do populations move from one place to another? In this program students will appreciate the role that the physical characteristics of Earth have played in determining where and how people live, and explore the notion that where and how we live has a huge impact on our planet. Students will learn that "location, location, location" was the main factor that determined settlement patterns of the world's first civilizations, influenced immigration trends and sparked the tremendous growth of cities. Also, students will see that, through the study of demographics, we can better plan for the future and gain a greater understanding of the cultural changes associated with our increasingly globalized world.

No Other Versions Available

Hurricanes

Hurricanes are nature's giants, some reaching up to nine miles tall. But one thing is nearly certain—every year there will be a few hurricanes that do hit land. From space, a hurricane looks like a giant, circular, swirling cloud, with a hole in the centre. The hole is called the "eye" of the storm. A hurricane is one of the biggest, most dramatic shows that nature can put on. It's an extreme example of our global weather system in action. A hurricane is an awe-inspiring event but one you'll want to observe from a safe distance.

No Other Versions Available

Humidity

Humidity is the amount of water vapor in the air. Water molecules in a gaseous state are constantly moving and not attached to each other. In liquid water molecules stay linked together. In evaporation, some molecules move from liquid to a gaseous state and increases humidity. The air is saturated when the air is too humid and cannot absorb new molecules. Colder air becomes saturated more quickly than warmer air which can absorb more humidity. Condensation occurs when saturated air cools and part of the humidity it contains returns to a liquid state. From space we can see condensed water in the form of clouds. Water vapor is invisible. Water vapor is distributed throughout the atmosphere and there is never zero humidity, even in the driest deserts.

No Other Versions Available

Hurricane Katrina: Flashbacks

Hurricane Hazel left a swath of destruction from the Carolinas to Canada. View scenes of the storm, including a roof-top rescue, and watch clean-up activities in its aftermath.

No Other Versions Available
In the Ground: Geology, Tectonics & Rocks (Disc #9)  
75019  DVD  
60 min  JI  2006  Visual Education Centre

In the Ground: Geology, Tectonics & Rocks introduces young learners to important science concepts. Learn about the 4 Laws of Relative Dating, Paleontology, Volcanoes & Vulcanologists, the Processes of the Rock Cycle, Shaping Earth’s Surface, Crust, Mantle and Core, Plate Boundaries, The Secret Life of Soil, Different Types of Weathering, and more. There’s even a “Tough Words” section to reinforce these concepts. This DVD contains 22 animated episodes that unveil the powerful forces beneath Earth’s surface.

No Other Versions Available

Incredible Disasters
L19370  Digitized Video  
43:33 min  IS  2000  Learn360

From the Black Death to the deadliest hurricane to the most horrific natural disaster yet to come, this program looks at the forces of nature’s wrath. Explore the impact of historical natural disasters on humans and on the course of human history. Examine the factors that lead scientists to believe that the worst natural disasters are in the future.

No Other Versions Available

Indian River and Intracoastal Waterway: Rivers of North America
L15058  Digitized Video  
23:42 min  JIS  2001  Learn360

Discern that the Indian River of Florida is actually three types of waterways rolled into one. Unveil the Intracoastal Waterway as an interstate water transportation highway that has witnessed historical events and is home to much wildlife.

No Other Versions Available

Inside Earth
L119157  Digitized Video  
1:35 min  KPJIS  2005  Learn360

Although the earth is 12,000 Km in diameter, we only know the outer layer and have drilled down no more than 15 Km deep, but earthquakes have contributed to our knowledge of earth’s interior. The surface 10 to 70 Km of the earth is the crust, under which lies the mantle making up 80% of the volume of earth and is partially melted. The center core is dense with molten metals.

No Other Versions Available

Inside North Korea
L111829  Digitized Video  
45:48 min  IS  2007  Learn360

No country on earth conjures more mystery - or fear - than Kim Jong Il’s Communist paradise. NGT offers a comprehensive look at the most reclusive member of the “Axis of Evil”, from the tense world of the Demilitarized Zone to the surreal life of the Dear Leader. We go inside North Korea with the very few who have gained access, including a medical team (with an undercover camera) - on a miracle mission to perform cataract operations to help the blind see. The Hermit Kingdom is widely considered the most isolated country on earth, led by a despot with a taste for the high life - and weapons of mass destruction. While most people think the Korean War ended over 50 years ago, technically, there was no armistice. A tenuous ceasefire protects booming South Korea, while the North remains on a war footing. And Kim Jong Il runs his country like a fortress prison. Real life there appears only in glimpses of propaganda or horror stories from escaped refugees. Satellite images compare night over South Korea, cities aglow, with North Korea, almost pitch black. With no Internet, one TV channel and few other outlets to fill their time, many North Koreans funnel their energy into dances and songs that celebrate the regime. But our team is determined to see real life. They’ve finally convinced their minders to allow them to visit the home of a patient. There are no family photos in the apartment, only images of the Dear Leader. When our team asks the patient what’s the most difficult thing about being blind, her son-in-law jumps in and responds, “not being able to see the Dear Leader with her own eyes”. This extraordinary programme provides a rarely seen glimpse into this fascinating country and sheds some light on the excesses of Kim Jong Il and the restricted life of his devoted citizens.

No Other Versions Available

Inside the Tornado
L13144  Digitized Video  
4:19 min  IS  2003  Learn360

In this video, storm chasers seek out tornadoes to learn more about them. Find out which conditions are conducive to the formation of tornadoes and why scientists are still seeking answers about these mysterious storms.

No Other Versions Available

Iran: Behind the Veil
L13104  Digitized Video  
25:30 min  IS  1999  Learn360

Follow National Geographic photographer Alexandra Avakian on a two week journey through the Islamic Republic of Iran. See how she negotiates Iranian customs and laws in her mission to document the fabric of everyday life in this complex country.

No Other Versions Available

Irish Free State Established
Newsreels
L13388  Digitized Video  
3:10 min  IS  2002  Learn360

Hear how the Irish Free State came into being. Meet Eamon de Valera, fiery leader of the Easter Rebellion, and learn about his struggles against the British.

No Other Versions Available

Irish Free State is Born
Newsreels
L13661  Digitized Video  
1:29 min  IS  2002  Learn360

Learn about the struggle between the Irish and the English that resulted in the establishment of the Irish Free State in 1921. Meet key players Eamon de Valera and David Lloyd George.

No Other Versions Available

Italian Alps in Summer: Discover the World
L120154  Digitized Video  
31:04 min  IS  2011  Learn360

This program looks at the people, history, culture and geography of Italian Alps: Summer.

No Other Versions Available

Italian Alps in Winter: Discover the World
L120155  Digitized Video  
30:58 min  IS  2011  Learn360

This program looks at the people, history, culture and geography of Italian Alps: Winter.

No Other Versions Available

Japan: An Introduction-Part 1
L16120  Digitized Video  
26:26 min  JI  1998  Learn360

This film provides an abbreviated overview of Japanese history, from the Ainu tribe in ancient times to the technological powerhouse Japan has become today. Examine how history continues to influence contemporary Japan.

No Other Versions Available

Japan: An Introduction-Part 2
L16121  Digitized Video  
26:50 min  JI  1998  Learn360

Explore this summary of Japan as it enters the 21st century, recovering from economic disasters and problems with the environment. Watch Japan go through many changes, especially in Japanese attitudes toward work and family and the way of doing business.

No Other Versions Available
Land on Earth
L12431
17:55 min
I
1998
Learn360
Explains and describes the various land masses on Earth.
No Other Versions Available

Landforms
L074234
14:34 min
PJI
2008
Learn360
Earth's landscape is made up of a wide variety of physical features referred to as landforms. Characteristics of the major landforms are illustrated through the use of dramatic footage from North America, including the Grand Canyon, Interior Plains, and the Rocky Mountains. Earth's water features are also depicted. Important terminology includes: plain, relief, interior plain, coastal plain, plateau, mountain, hill, valley, canyon, beach, dune, sea cliff, sea stack, ocean, lake, bay, river, and creek.
No Other Versions Available

Landmarks: Tropical Rain Forests Part 3
L059411
19:37 min
IS
1990
Learn360
Why is the rain forest disappearing and what harm is it doing? The beginning of the destruction of Brazil's rain forest began with the building of roads, which brought settlers hoping for a better life. Viewers will hear how development, mining, logging, and cattle ranching did little to enrich the lives of Brazilians, while destroying forests, adding to greenhouse gasses, polluting rivers, killing wildlife, and displacing and killing the native people. A BBC Production.
No Other Versions Available

Latin America: The People
L110578
21:01 min
IS
2009
Learn360
The varied peoples of Latin America trace their roots to long ago migrations across the Bering land bridge to later arrivals from Europe and Africa. Vibrant customs and traditions are illustrated.
No Other Versions Available

The Leshan Buddha: Landmarks
L19992
5:01 min
JIS
2007
Learn360
The Minjiang River in Shichuan province is home to one of China's great treasures, Da Fo, the Leshan Buddha. 160 kilometers from Chengdu City, the statue of Maitreya Buddha overlooks the beautiful confluence of the Minjiang, Daduhe, and Qingyi rivers. It is the largest stone carving artwork in the world.
No Other Versions Available

Lightning
L119314
1:09 min
KPJ
2005
Learn360
Warm air currents create an electric charge at the base of storm clouds while the ground under the cloud becomes positively charged. If too much electric charge accumulates, the air, normally an insulator, begins to conduct electricity. Along a channel several centimeters in diameter a very powerful electric current rises as a lightning bolt which can reach temperatures of 30,000 degrees.
No Other Versions Available
Lightning
L19362 Digitized Video 46:20 min IS 2003 Learn360
Human beings have always been fascinated by lightning. Explore the various human explanations of this phenomenon through the ages as contemporary meteorologists explain how and why it occurs. Some scientists are looking to the future at the possibility of controlling lightning strikes.
No Other Versions Available

Living on the Edge: Land of the Eagle
L074585 Digitized Video 49:39 min I 1997 Learn360
Land of the Eagle turns the clock back to reveal the continent as it used to be hundreds of years ago, seen through the eyes of Native Americans and white settlers. Through their writings and diaries, Peter Crawford's award-winning series recreates the landscapes and wildlife of North America at the time when the first Europeans came to this 'new world. This film explores the Sonora Desert of Arizona, where plants and animals have adapted to live in an inhospitable environment. It looks at how the Piman and Papago people lived off the land, how Spanish Jesuits farmed the desert to support the mission system, challenges of early cattle ranchers, and how canalization and electricity led to the development of agriculture and cities.
A BBC Production.
No Other Versions Available

Living Together
L086542 Digitized Video 49:28 min I 1995 Learn360
David Attenborough's series takes us on a guided tour through the secret world of plants and their struggle for survival in a story full of drama, beauty and achievement. Using time-lapse photography, Attenborough walks us through each aspect of plants' lives travellng, growing, flowering, coexisting with other plants and animals, and the ingenious way they adapt to even the harshest of conditions. Living Together examines relationships between plants and animals, fungi, and other plants. Some are mutually beneficial, such as algae living inside coral or plants that recruit ant defenders in exchange for a safe nesting spot. Others are truly symbiotic, such as lichens that combine algae and fungi into one structure. Parasitic plants feed on their hosts nutrients without offering any favors. A BBC Production.
No Other Versions Available

Lord of the Animals: Father of Camels
L15939 Digitized Video 26:21 min IS 1995 Learn360
This video takes you on a journey with Punmaram, an Indian camel herder, as he travels across the desert to a breeder's fair. Examine the life of a camel herder and listen to Punmaram describe his close, trusting relationship with his camels.
No Other Versions Available

Lord of the Animals: Lord of the Eagles
L15941 Digitized Video 26:17 min IS 1995 Learn360
This video explores the powerful and touching relationship between a Kazakh man, his son, and the eagles they have trained. Explore the story of ancient traditions that link humans to animals.
No Other Versions Available

Lord of the Animals: Mountain Sculptors
L15942 Digitized Video 23:37 min IS 1995 Learn360
Discover the Chinese people who create terraces to water rice fields, sculpting the rugged mountains of the Yunnan Province. Learn about the critical role water buffalo play in this work and understand the relationship of the people to their buffalo.
No Other Versions Available

Lord of the Animals: Pelican of Ramzam Red
L15943 Digitized Video 26:22 min IS 1999 Learn360
Watch the story of the Mohana, bird fishermen of the Indus River. Explore their ancient tradition of collecting birds, which they admire for their grace and beauty. Witness the competition for a prize pelican that will ensure good fishing for its owner.
No Other Versions Available

Lord of the Animals: Tsaatan, of the Reindeer Riders
L15944 Digitized Video 26:19 min IS 1999 Learn360
Learn about the nomadic Mongolian reindeer herders known as the Tsaatan. View the mutually-beneficial relationship between the Tsaatan and their reindeer and understand the importance to the clan of the sacred reindeer.
No Other Versions Available

Lost City of the Maya
L13107 Digitized Video 22:30 min IS 1990 Learn360
Follows a team of archaeologists into Guatemala as they uncover ancient Mayan artifacts that reveal secrets of the lost city of Dos Pilas. These archaeological findings provide evidence of Mayan practices, rituals, and warfare.
No Other Versions Available

Lower Mississippi River: Rivers of North America
L15059 Digitized Video 24:34 min JIS 2001 Learn360
This program provides an overview of the mighty Mississippi River. Note that the Lower Mississippi River begins in confluence with the Ohio River and travels south to the Gulf of Mexico. It is the most active commercial waterway in the United States.
No Other Versions Available

Machu Picchu
L13148 Digitized Video 2:20 min IS 2001 Learn360
Explore the magical ruins of Machu Picchu in Peru. See how the Lost City of the Incas is being changed by tourism.
No Other Versions Available

Madagascar
L117937 Digitized Video 4:07 min JIS 1996 Learn360
More than 95% of Madagascar's wildlife is unique to the island, this episode examines some of their most interesting and exotic species.
No Other Versions Available

Mahatma Gandhi: The Greats
L110170 Digitized Video 5:02 min JIS 2008 Learn360
A shrunken, ascetic protestor for peace, Mohandas 'Mahatma' Gandhi is an unlikely contender for the title of greatest political leader of the 20th century. But as the father of Indian democracy, his radical program of passive resistance still inspires nationalist movements today.
No Other Versions Available
Making Waves, Saving Lives: Science Nation
L120075 Digitized Video
2:31 min IS 2009 Learn360
It's called a waverunner, and it's a honkin' 300 feet long and 12 feet wide. With support from the National Science Foundation, this huge new tool, the largest of its type in the United States, is helping scientists perform large scale studies on the impact of both hurricane and tsunami waves. During one of its first tests the waves knocked over a six foot concrete wall. The waverunner is being used to better understand the effects of waves on steel, wood and brick. Civil engineer Dan Cox, director of the Hinsdale Wave Research Lab at Oregon State, says the facility could help communities prepare for planning and evacuations; for instance, determining when "vertical evacuations" to high rise buildings might be the best strategy.
No Other Versions Available

Mammoths to Manhattan: Wild New World
L059545 Digitized Video
49:15 min IS 2002 Learn360
This series depicts changes in the topography and biodiversity of the North American Great Plains as the ice sheets of the Ice Age receded. It dramatizes the arrival of people in America c.13,000 years ago and their impact on the mammals they hunted, some of which became extinct or adapted from their Ice Age cousins. A BBC Production.
No Other Versions Available

Mapping
L074386 Digitized Video
19:56 min IS 2003 Learn360
The major types of world maps, as well as topographic, road, and city maps are discussed. Through watching the video and conducting activities in the accompanying guide, students will improve their mapping and navigation skills. Tools used to create maps are discussed, including global positioning systems (GPS), satellite imagery, and laser technologies. Other terminology includes: scale, meridian, latitude, longitude, Mercator projection, legend, and contour lines.
No Other Versions Available

Marshes And Sea Level Rise: Science Nation
L120077 Digitized Video
2:34 min IS 2011 Learn360
With support from the National Science Foundation, Villanova University marine scientist Nathaniel Weston studies how both land use and climate change can impact habitat in tidal marshes, including how rising sea levels may affect microbes and other plants and animals. Rising sea levels can actually cause marshes to grow in very different ways. His experiments are already simulating different amounts of sea level rise in several tidal creeks in the Delaware River estuary. He studies how saltwater intrusion impacts freshwater marsh stability, which is something a lot of regions around the world, will be dealing with during climate change events.
No Other Versions Available

Master of Disaster: Avalanche
L113758 Digitized Video
50:03 min IS 2008 Learn360
In the 2007-2008 winter season alone, 52 people died in avalanches in the U.S. and Canada, and more than double that number worldwide. As more and more people head into unpatrolled backcountry these numbers are on the rise. In this episode, Tim Samaras will bring his expertise and tools to try and measure the forces involved in an avalanche - how it accelerates, what g-forces it creates and how it buries its victims. He hopes the data he collects can help those on the front lines of avalanche rescue find better ways to locate and treat victims. But he can't do it alone. Tim will need the help of Mike Jenkins, patrol and snow safety manager at Snowbasin Ski Resort in Huntsville, Utah and his team of ski patrollers. It's going to require a lot of manpower, persistence and ingenuity to pull off this experiment - but Tim and his team are determined to master this disaster and collect data to help those who are saving lives.
No Other Versions Available

MathMastery: The Changing Earth I
L16320 Digitized Video
34:08 min IS 2005 Learn360
The earth is constantly changing. Explore how convection movement and weathering affect the composition of the earth. Find out how different types of rocks are formed over time.
No Other Versions Available

Mayan Secret (Mexico): Seaway
L120197 Digitized Video
25:24 min IS 2011 Learn360
In this episode we show a legendary diving site located on the Gulf of Mexico near Holbox and known as Los Picos. These wild and practically unknown underwater mountains between Mexico and Cuba abound with mantas rays and sharks.
No Other Versions Available

A Mean Season: Four Hurricanes Hit Hard - November 2004
CBC2062 Digitized Video
14:18 min IS 2004 Learn360
It was one of the meanest and deadliest hurricane seasons in the last hundred years. In just six weeks, four major hurricanes battered parts of North and Central America. The massive storms killed hundreds of people and forced millions of others to flee their homes. On News in Review we'll show you the damage they caused and the despair they left in their wake. We'll also hear what some scientists have to say about what's causing so many monster storms.
No Other Versions Available

Mega Freeze
L19135 Digitized Video
44:24 min IS 2006 Learn360
Is the increasingly unpredictable weather of the last few years a sign of disaster to come? MEGA DISASTERS explores the worst of what could happen. Stunning computer graphics and actual footage combine to create convincing pictures of the risks faced by U.S. cities.
No Other Versions Available

Meltdown - a Global Warming Journey
74882 DVD
60 min IS 2006 Mncabb/Connolly Films
It's in the media every day. It's blamed for everything from floods to droughts. Yet, despite all the hype, global warming is still highly controversial. There are governments who appear not to believe it is a threat at all. Some scientists believe the last 150 years have seen a sudden and dramatic increase in temperature, unheard of since the end of the Ice Age. Others say that's simply bad science. There's little agreement on what will happen next. Presenter Paul Rose, who has spent much of the past 10 years organising expeditions to examine global warming, looks at the issues. Will it get only a few degrees warmer over the next century or is the present situation a precursor to runaway global warming and devastating consequences? Examining all sides of the argument, this compelling film seeks the truth behind what has become the most talked about environmental issue in history.
No Other Versions Available

Meteorology
L119315 Digitized Video
0:34 min KPJS 2005 Learn360
At observation stations all around the planet meteorologists rely on measurement instruments that gather data from the surface and oceans while radar, balloons and satellites monitor the atmosphere to forecast the weather.
No Other Versions Available

Physical Patterns in a Changing World
Mexico: Presence of the Past
L14164 Digitized Video
90:46 min IS 2003 Learn360
Learn how contemporary Mexican culture reflects upon and integrates its traditions and historical practices as it moves into the future. These traditions include using insects as a core source of protein.
No Other Versions Available

Mexico: Revolution And Rebirth
L19357 Digitized Video
43:46 min IS 1999 Learn360
By the end of the 19th century, Mexico was exhausted from years of fighting. But the battles were not over. After thirty years of iron-listed rule, the nation rose up against the dictator Porfirio Diaz. Before the dust finally settled, new legends were made and Mexico was transformed yet again.
No Other Versions Available

Mid-Atlantic Region: North American GeoQuest
L15043 Digitized Video
24:12 min JI 1998 Learn360
The Mid-Atlantic states play an important role in America's early struggles for independence. Discover how the geography of this area has influenced its history, economy, and inhabitants. Examine the formation of the region's current geography.
No Other Versions Available

Midwest Region: North American GeoQuest
L15044 Digitized Video
24:11 min JI 1998 Learn360
The Midwestern region of the United States is composed of North Dakota, South Dakota, Nebraska, Kansas, and Iowa. Observe major geographical characteristics of each state. Look at major features of each state's geologic, political, and economic history.
No Other Versions Available

Mighty Rivers
74891 DVD
54 min I 2006 Mcnabb/Connolly Films
This program tells the stories of some of Canada's most impressive rivers. From the mighty St. Lawrence and its devious shifting shoals to the Green River of British Columbia where Grizzly Bears come to feed on the abundant salmon population. The program visits with archaeologists along Alberta's Red Deer River as they try and solve a mystery that will allow them to uncover one of the great dinosaur burial grounds. We also go to Northern British Columbia and learn of a river so wild that no one has ever been able to navigate its entire length. There are chasms there nearly as large as the Grand Canyon.
No Other Versions Available

Mississippi River Region: North American GeoQuest
L15045 Digitized Video
24:15 min JI 1998 Learn360
The Mississippi River region includes the states of Louisiana, Mississippi, Arkansas, Tennessee, Kentucky, and Missouri. See how the region's vast river network was used in times of war and peace to the strategic and economic advantage of its states.
No Other Versions Available

Missouri: Rivers of North America
L15060 Digitized Video
24:52 min JIS 2001 Learn360
The Missouri River is a tributary of the Mississippi River and the second-longest river in North America. Study the river and the explorers, natives, and pioneers that it has provided for.
No Other Versions Available

Modeling Our Future Climate
L114817 Digitized Video
8:42 min IS 2011 Learn360
Discover how data from the ice core record are used to help scientists predict the future of our climate.
No Other Versions Available
The movement of air masses help to circulate heat and creating storms and heavy rain. This is called a cold front. When warm air rises, cools and the water vapor condenses giving a front. When warm air collides with a cold mass, the warm air slides under and pushes up the warm air which rapidly cools forming cumulonimbus clouds and creating storms and heavy rain. This is called a cold front.

Mountain States Region: North American

Mount St. Helens Eruption

In the late spring of 1980, Mount St. Helens erupted with a force 500 times greater than an atomic bomb. It spewed ash and molten rock 12 miles into the atmosphere. This video features accounts from scientists, journalists, and tourists who witnessed this truly spectacular display of volcanic power.

Monster Fish 3: Nile Perch

Follow aquatic ecologist Zeb Hogan in his search for the Nile perch - Africa's voracious monster fish that can reach six feet and grow to over 400 pounds. Zeb comes face to face with this giant aquatic predator as it competes with 15-foot crocs and giant catfish. Later, he investigates the stories he's heard that this fish - and the people who depend on it - could be in trouble.

Moluccan Routes (Indonesia): Seaway

This episode was filmed from an emblematic boat: the Ondina. Aboard the Ondina we explore a route through the Moluccas until we reach the Lembeh Strait, in Sulawesi.

Moscow: Landmarks

Moscow has many famous landmarks; Red Square and St Basils just to name two. Then there is the city’s incredible history; revolution, war and reform, all within the past century. But modern Muscovites are writing their own history and it is certainly not based on the old communist model.

Mummies of Gold

Follows a team of Egyptian archaeologists as they investigate tombs and artifacts in an effort to further understand how the ancient people lived and died.

Natural Disasters: Eyewitness, Series 3

A thrilling TV adventure brings the Eyewitness books to life. Begin with a computer-generated flight through the Eyewitness Museum, filled with a variety of galleries and exhibits. In this episode, explore the devastating world of natural disasters. A BBC Production.

The Movement of Air Masses

Atmospheric masses have very specific temperature and humidity. When two different air masses come in contact they don’t mix but push against each other along a front. When warm air meets a cold mass, the warm air rises, cools and the water vapor condenses giving rise to nimbostratus clouds and moderate rain. This is called a warm front. When cold air collides with a warm mass, the cold air slides under and pushes up the warm air which rapidly cools forming cumulonimbus clouds and creating storms and heavy rain. This is called a cold front. The movement of air masses help to circulate heat and humidity in the atmosphere.

The Nehru-Gandhi Dynasty

This look at their legacy and influence shows why they have been referred to as India's Kennedy Family. Dramatic footage captures key moments in Indian political history. An in-depth look at the leaders who left their mark on history.

The Nature of Weather

This video explores the daily condition of the Earth’s atmosphere. The factors that influence the atmosphere and cause weather are discussed. Special emphasis is given to the global processes that generate weather patterns. Other terminology includes: conduction, convection, radiation, thermometer, barometer, air pressure, winds, anemometer, sea breeze, land breeze, doldrums, trade winds, prevailing westerlies, polar easterlies, and jet streams.

The Nature Tech: Hurricanes

Hurricanes are the most feared and destructive of all storms. Look at how hurricanes develop and how scientists attempt to predict, track, and perhaps someday tame them. Consider building design and construction techniques to make structures, such as large domes and high-rises, less vulnerable to hurricane-force winds.

The Navajo Family Adventure

Mitchell film

This episode follows a Navajo family through their daily routines: herding their sheep, goats and cattle. This is the story of a girl whose horse got away. As she and her brother go in search, we follow them all over their district, seeing a great variety of typical activities in the daily lives of her relatives and neighbors... even the tourists who visit the area and exhibit their amazement with 15-foot crocs and giant catfish.

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North America: Land & Resources

Nehru’s First Visit to the U.S.

L13529 Digitized Video 3:45 min IS 2002 Learn360

Jawaharlal Nehru was India’s first prime minister after it gained independence from Britain in 1947. See him and his daughter Indira arrive on a state visit to the U.S. in 1949. View scenes from a parade in his honor, and hear an excerpt of his speech to the House of Representatives.

No Other Versions Available

New England Region: North American GeoQuest

L15047 Digitized Video 22:57 min JIS 1998 Learn360

The New England region of the United States is known for its ocean coastline and seasonal climate. Maine, New Hampshire, Vermont, Massachusetts, Connecticut, and Rhode Island compose this region. Note the role this region plays in American history.

No Other Versions Available

New Guinea

L117938 Digitized Video 3:08 min JIS 1996 Learn360

Despite their proximity to the diverse wildlife of Australia, New Guinea is home to many strange animals which solely inhabit their island.

No Other Versions Available

New York City Hurricane

L19156 Digitized Video 45:29 min IS 2006 Learn360

Could a killer hurricane strike New York City? It has happened before. A massive hurricane smashed into Long Island in 1938. Nicknamed the Long Island Express, this storm still ranks among the most devastating in United States history. Scientists contend that New York is thirty years overdue for another such catastrophe, so it’s not a question of if it will happen, but when.

No Other Versions Available

Nikita Khrushchev

L110268 Digitized Video 25:48 min IS 1963 Learn360

This program surveys the rise to power of two of the world’s most famous Communist leaders, Soviet leader Nikita Khrushchev and Cuban dictator Fidel Castro. Witness the events and influences that impacted these men and led to their turn to Communism and their takeovers of their respective countries. Examine the role each played in world politics.

No Other Versions Available

North America

L119195 Digitized Video 1:24 min KPJIS 2005 Learn360

The continent of North America is bordered by the Pacific, Arctic and Atlantic Oceans. There are three geographic groupings, the western seaboard separated by the Rockies or Sierra Madre mountain chains, the Plains, and the east coast seaboard separated by the Appalachian Mountain chain. The St. Lawrence River and the Mississippi River with their drainage basins and marshes contrast with the arid and semi-arid regions of the Southwest.

No Other Versions Available

North America: Land and Resources

L110580 Digitized Video 22:10 min IS 2003 Learn360

This program introduces the climates, vegetation, landforms and natural resources of Atlantic and Gulf plains, Appalachian Mountain system, Canadian Shield, Great Plains, Rocky Mountain system, and the Pacific coastlands.

No Other Versions Available

North America: Land & Resources

74306 DVD 22 min I 2003 Canadian Learning Company

Viewing the North American continent as one vast region, this visually outstanding program takes students on a panoramic journey that recognizes geographic rather than national boundaries. Students visit the sweeping vistas of the Atlantic and Gulf Plains, the Appalachian Mountain system, the Canadian Shield, the Great Plains, the Rocky Mountain System and the Pacific Coastlands. Regional climates, vegetation, natural resources, and commercial industries are explored, along with the continents agricultural capacity to nourish the population of the United States and Canada, and much of the rest of our planet as well.

No Other Versions Available

Northern Light

L117706 Digitized Video 3:29 min JIS 2010 Learn360

The Solar Wind, generated by the sun, has enough force to blow our entire atmosphere into space. Earth is protected only by its electromagnetic field (which is also responsible for the remarkable “Aurora Borealis”.

No Other Versions Available

Nuestra preciosa Tierra

L074480 Digitized Video 10:21 min PJI 2012 Learn360

All the people in the world live on the same planet, which we call home. This program explains why Earth is precious and how it is being damaged. Special attention is paid to how we can conserve natural resources and care for the planet.

No Other Versions Available

Nye Climbers - 4 Peaks: Landmarks

L10070 Digitized Video 5:02 min JIS 2008 Learn360

How did you spend last New Year’s Eve? It’s unlikely it was atop Mt Elbrus in Russia. For several years this determined, some say crazy, group of Russians spend each New Year atop the world’s tallest mountains. Then again they’re doing what mountain climbers love to do, climb! The tradition began here, in their home country Russia. Atop Russia’s tallest peak, Mt Elbrus on New Year’s Eve 2001.

No Other Versions Available

Ohio: Rivers of North America

L15061 Digitized Video 24:30 min JIS 2001 Learn360

Watch this video program to gain a perspective on the Ohio River which is the largest tributary by volume of the Mississippi River. Native Americans, the French, and pioneers used the Ohio for travel and settled the Ohio River Valley that welcomed them.

No Other Versions Available

Opening of Moscow Conference

L13534 Digitized Video 3:26 min IS 2002 Learn360

Foreign ministers from the Soviet Union, Britain, China, and the United States met in Moscow in 1943 to begin planning a post-war policy for Germany. Watch the signing of the Moscow Declaration and hear Secretary of State Cordell Hull address Congress upon his return from Russia.

No Other Versions Available

Our Children’s Planet

74601 DVD 46 min IS 2003 Filmwest Associates

Our Children’s Planet sweeps around the world to introduce us to the people and communities who are combating the Great warming... with commitment, enthusiasm, and exciting new technologies.

No Other Versions Available

An Overview: The GREAT Lakes

L15071 Digitized Video 21:46 min JI 2004 Learn360

While each of the five Great Lakes has unique characteristics, they share many similarities in their geology, industrial development, and historical significance. Explore the history and geology of the Great Lakes as a group.

No Other Versions Available
Physical Patterns in a Changing World

The Ozone Layer
L119339 Digitized Video
1:25 min KPJIS 2005 Learn360
Ozone is an atmospheric gas concentrated at an altitude twenty to thirty kilometers around the earth. Ozone is a blue colored gas whose molecules are composed of three oxygen atoms. The ozone layer acts as a shield against the sun’s ultraviolet rays because ozone molecules can absorb ultraviolet rays which then decompose into one oxygen molecule and one atom of free oxygen. These may react with another oxygen molecule forming two oxygen molecules. An oxygen molecule may absorb an ultraviolet ray liberating two oxygen atoms, each of which may regenerate an ozone molecule. This destruction and regeneration of ozone balances out naturally, however certain pollutants encourage the destruction of ozone. Because of this pollution, the ozone layer is thinning and less effective in protecting us from the sun’s ultraviolet rays.
No Other Versions Available

Physical Features
L16315 Digitized Video
12:08 min JI 1989 Learn360
Outdoorsman Lance needs to get across the island, through a lot of territory he’s never seen before. Watch as Lance learns how to use the map indicators for bodies of water, various land forms, elevation, and physical features to determine his best route.
No Other Versions Available

Planet Earth 2007
L111844 Digitized Video
49:59 min IS 2006 Learn360
Earth Report examines the earth’s major systems, revealing the stories and issues behind the headlines, telling both good and bad news. During 2006 the planet experienced hurricanes, earthquakes and other natural disasters - but the biggest story of all is one that threatens the future of life as we know it: Climate Change. Turning to the animal kingdom, discover which new species have been discovered, which have been lost, or rest on the verge of extinction. Then, the human impact. How many millions were added to our numbers - and where? What viral epidemics are spreading through our population and what cutting-edge science is being developed to combat them? Finally, explore our planet's natural resources and our efforts to preserve them. With National Geographic’s unique access, we’ll take the annual pulse of our planet as never before.
No Other Versions Available

Pollution: Science In Action Series
L18793 Digitized Video
5:23 min JIS 2007 Learn360
Pollution: The impact of human activities on the earth. Analyze the dangers of industrial pollution and its effects on land, air, and water. Investigate the environmental effects of pollution, the benefits of recycling, and the importance of waste reduction.
No Other Versions Available

Porcelain House: Landmarks
L19889 Digitized Video
5:01 min JIS 2007 Learn360
This landmark takes the phrase Made in China to a whole new level. This house, located two hours south of Beijing in Tianjin, is over 100 years old. But the exterior walls have been covered with a variety of porcelain pieces such as plates, vases and figurines, dating back many centuries. It’s the brainchild of local resident Zhang Kianzi, who has been working on his gigantic art piece for at least four years when he bought this French-style house for 125,000 US dollars.
No Other Versions Available

Portugal: Discover the World
L120186 Digitized Video
31:01 min IS 2011 Learn360
This program looks at the people, history, culture and geography of Portugal.
No Other Versions Available

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Portugal: Discover the World
L120186 Digitized Video
31:01 min IS 2011 Learn360
This program looks at the people, history, culture and geography of Portugal.
No Other Versions Available
¿Qué es el ciclo del agua?

This beautiful program illustrates the key components of the water cycle that occurs everywhere around us. Concepts and terminology: condensation, evaporation, precipitation, cloud, rain, snow, sleet, and hail.

No Other Versions Available

Precipitation

Water is an essential element of earth’s atmosphere. It is evaporated by heat, pushed by winds and condensed by cold, carrying energy around the planet. It is the source of weather phenomena like storms, fog, hail, cyclones and rainbows.

No Other Versions Available

Primary Geography: Weather, Places and People Part 4

This fascinating series investigates the weather in four very different climatic zones across the globe: Mediterranean, tropical, desert and snow capped. Each program begins with a “holiday” approach but quickly turns off the beaten track to meet children who live there all year round, to explore the impact of tourism on the area and find out what the weather's like out of season. From the high-rise resorts of Southern Spain to burgeoning tourism on the Caribbean island of Grenada, the searing hear of the Nevada desert to the depths of winter in Lapland, this unit of programs enriches geographical studies with a wealth of evidence of fascinating places and people. A BBC Production.

No Other Versions Available

Prince Akhito to Wed Commoner Newsreels

Hear the story of Prince Akhito's marriage to Michiko Shoda, the first commoner to wed into Japan's royal family. View celebrations upon news of the engagement; observe the couple in traditional wedding garb; and see them with Emperor Hirohito and his wife after the wedding ceremony.

No Other Versions Available

Pure Life (Costa Rica): Seaway

Costa Rica is synonymous of Nature and adventure. No other country in the world brings together so many ecosystems in such a small area. For that reason, this episode is especially rich in flora and fauna, both on land and underwater.

No Other Versions Available

Queen of Queens Newsreels

Learn about Britain’s King George V and his wife Queen Mary. See footage of them from the 1910s up through his funeral in 1936. Watch scenes from her life afterward as Queen Mother.

No Other Versions Available

The Queen Pharaoh

Witness the extraordinary reign of Queen Hatshepsut, self-proclaimed pharaoh and one of the most mysterious rulers in Egyptian history. Discover why she represented herself as a male in the statues she commissioned, uncover evidence surrounding her mysterious death, and explore why her name was all but obliterated from ancient Egyptian records. Learn about recent discoveries that cast doubt on the accepted belief that her memory was defaced by her nephew Thutmose III.

No Other Versions Available

Rainbows

A rainbow is an optical phenomenon. When sunlight, which is composed of a range of colors from red to violet, passes through a raindrop, the rays are deflected but each color is deflected at a greater or lesser degree. The rays are then reflected at the bottom of the raindrop and then deflected again as they leave the raindrop. The sun's white light is decomposed by raindrops into rays of different colors forming a band of colors we see in the sky.

No Other Versions Available

Reading Maps

In this video, students learn how to understand and use maps. Common maps are illustrated throughout the program. Different types of maps, including ski, bike, road, and topographic maps, are discussed. Map-reading fundamentals, including using a legend and scale, are also highlighted. The program also explains how lines of latitude and longitude can help identify a location, and how contour lines on a topographic map indicate slope. Additional concepts and terminology: globe, map symbols, global positioning system (GPS).

No Other Versions Available

Record Storms in the West Newsreels

View scenes from a massive January, 1952 snowstorm in California. It stranded passengers on a luxury passenger train near Donner Pass for several days before rescuers could reach them.

No Other Versions Available
Physical Patterns in a Changing World

**Restless Earth, The/Rivers of Fire**
L122856 Digitized Video
21:48 min IS 2009 Learn360
This program introduces job opportunities in recycling including a profile of an electronics recycling start-up and a San Francisco municipal program to recycle cooking oil into biodiesel fuel. Job opportunities in recycling include collection, transportation, receiving and sorting, disassembly, handling hazardous materials, scheduling, operations, and plant management. Recycling provides opportunities for young people to start with a temporary or part-time job, and then move up to supervisory and management responsibilities.
No Other Versions Available

**Red Square: Landmarks**
L110071 Digitized Video
5:01 min JIS 2008 Learn360
For most of the 20th century, military parades such as this one in Moscow's Red Square were a familiar sight to viewers around the world. They were a regular propaganda exercise during the soviet era. Now, like the Soviet Union itself, such displays of military might are a distant memory but they remain a distinctive chapter in the history of one of the best known gathering places in the world, Red Square.
No Other Versions Available

**Reef: Extreme Environments**
L112113 Digitized Video
23:11 min IS 2008 Learn360
This episode reviews some of the most remarkable coral reefs on the planet, as well as examining the negative effects human activity such as tourism and fishing is having on the delicate eco-system of coral reefs.
No Other Versions Available

**Remote Sensing**
L119191 Digitized Video
1:40 min KPJIS 2005 Learn360
Optical satellite imagery has replaced early aerial photography in the topographic mapping of earth. No matter the weather, microwaves emitted by radar satellites send digital data to stations on earth where it is interpreted. February of 2000, NASA completed the SRTM mission devoted to mapping the planet's relief features. The space shuttle Endeavor observed most of earth's land mass in eleven days and a highly detailed, high resolution, topographic map of earth was produced.
No Other Versions Available

**Renewable Energy - A Reality Check in Rural China: Science Nation**
L120095 Digitized Video
5:03 min IS 2009 Learn360
University of Colorado engineer Abby Watrous is on a mission in rural China, converting coal-burning homes and cook stoves into cleaner-burning models, using, among other things, the extremely abundant supply of pig poop. With funding from the National Science Foundation, this civil and environmental engineer is helping to develop renewable energy technologies in developing communities. Watrous and her colleagues are looking at ways to help more people use biomass–organic material such as straw, rice husks, and garden compost, all renewable resources.
No Other Versions Available

**Restless Earth, The/Rivers of Fire**
L19734 Digitized Video
47:52 min IS 1997 Learn360
From Hawaii's Kilauea volcano to the California countryside, join leading scientists as they attempt to unravel the mysteries of volcanoes and earthquakes. With incredible footage of some of the worst natural disasters in history and interviews with the scientists who risk their lives to study them, RIVERS OF FIRE is a riveting look at the destructive side of nature.
No Other Versions Available

**Restoring the Land - Hazardous Waste Management**
L122857 Digitized Video
21:33 min IS 2009 Learn360
In this program, we’ll visit a Naval Air Station where a team from the Environmental Protection Agency manages a massive program to remove a half-century of hazardous waste, and will profile such jobs as hazardous-waste technician, chemist, toxicologist, and EPA project manager.
No Other Versions Available

**Rio Grande: Rivers of North America**
L15063 Digitized Video
22:08 min JIS 2001 Learn360
Watch as this video explores the Rio Grande River, which is the third longest river system in the United States. The Rio Grande serves as a natural boundary along the border between Texas and Mexico. Unmask this most unusual river.
No Other Versions Available

**Rivers: Extreme Environments**
L112118 Digitized Video
23:42 min IS 2008 Learn360
The world's lakes and flowing rivers constitute only one percent of the Earth's water. However the fresh water in rivers is vital to all land-based life. Population pressures are putting all major waterways under stress.
No Other Versions Available

**Rivers: Planet Echo Season 3**
L093677 Digitized Video
22:05 min PJ 2012 Learn360
In this episode we find out how river lock systems work.
ADVENTURE: Andy tells Chuck that he can lift a boat! Chuck does not believe him so they head off to the Trent-Severn Waterway. We find out how locks work, why they are eco-friendly and explore all there is to know about the Trent Severn. THE LAB: When Dr. G. decides he needs a river cruise vacation, he sets out to build an eco-friendly boat. GP decides its a great opportunity to return Fish Stick to her native habitat.
No Other Versions Available

**The Rockies**
74899 DVD
45 min IS 2007 Canadian Broadcasting Corp.
This episode tells the story of the immense spine of stone that runs from the Canadian North down to the Southern United States. The story begins on the quiet Pacific shoreline of Vancouver Island, where geologists search for clues of massive tectonic shifts that reverberated through the continent, forcing the mountains up out of a quiet, bucolic plain. As the camera takes the audience on a highwire tour through the peaks of the Rockies in both Canada and the USA bends and cracks reveal the growth pangs of the mountain building era. The pristine beauty of the Canadian Rockies gives way to the ghost towns and gold mines that pepper the mountains in Colorado telltale clues of how the mountains in Canada were created differently from their cousins in the States.
No Other Versions Available

**Roger Bannister: The Greats**
L110150 Digitized Video
5:02 min JIS 2008 Learn360
On the 6th of May 1954, a young medical student called Roger Bannister sprinted his way into the history books by running a mile in under four minutes.
No Other Versions Available
Rugged Coasts
74890 DVD 54 min 2006 McNabb/Connolly Films
Canada has the longest coastline of any country in the world. It is also one of the most spectacular. This program follows the 1941 voyage of the St. Roch as it attempted to become the first vessel to circumvent the Northwest passage. By tracing the route of the St. Roch in modern day the viewer can see how little has changed along Canada’s rugged coast. The program begins on the west coast with tales of shipwrecks and lighthouses. Along the Arctic Ocean coastline there are remnants of ancient whales and tales of their exploits. It is a frozen coast that has a surprising abundance of wildlife from Polar bears to Beluga whales. As the St. Roch voyage draws to an end in the North Atlantic Ocean the mysterious Moravian Missions of Labrador are explored.
No Other Versions Available

Run..
L118065 Digitized Video 46:09 min JIS 2008 Learn360
Run follows journalist and marathon runner Jason Warick as he journeys to Eldoret, Kenya to meet two-time Olympic Gold Medalist Kip Keino and to explore the major contributions Keino and other Kenyan athletes have made to their country. Keino has raised hundreds of orphans, built a school, and supported the careers of talented runners in Kenya and other African countries. While Kip Keino is the focus and driving force behind Run, his story serves as a jumping-off point to introduce a core of dedicated Kenyan athletes of who are determined to improve the living conditions and the future of their people.
No Other Versions Available

RussiaNewsreels
L13747 Digitized Video 3:28 min IS 2002 Learn360
Learn about the overthrow of Russia's Czar Nicholas II. See the czar reviewing troops and on the battlefield in World War I. Observe civil unrest in Russia during the war years and see Prince Georgy Lvov, who was prime minister of the provisional government after the czar was deposed.
No Other Versions Available

Sacramento and American: Rivers of North America
L15064 Digitized Video 23:48 min JIS 2001 Learn360
Explore the Sacramento River, beginning in the Cascade Range and flowing south for 447 miles where it meets up with a tributary, the American River. Learn that the Sacramento River witnessed California’s gold rush days of 1849.
No Other Versions Available

Saving the Sea Turtles: Planet Bonehead
L114096 Digitized Video 31:17 min KPJl 2010 Learn360
Students learn about the life cycle and habits of the gentle sea turtles and the important part they play in the food chain. They are introduced to the seven species of sea turtles, their diets, and their special adaptations for a life of swimming and diving for food in a salt water environment.
No Other Versions Available

Science Behind Bars: Science Nation
L120099 Digitized Video 2:29 min IS 2010 Learn360
In the Pacific Northwest, people are stripping moss for the horticultural trade at such an alarming rate that it’s now illegal to harvest it. Ecologist Nailini Nadkarni knows that moss is a key component to the eco-system of the region, which makes it important to study. But this globe-trotting scientist at The Evergreen State College needed a lot of help recording research data from some folks who have much more time than she does. Where better to find potential research assistants with lots of time on their hands than the nearby medium security Cedar Creek Corrections Center? With support from the National Science Foundation, Nadkarni’s idea has been so successful that now the prisoners are starting bee keeping and composting programs, in addition to growing and recording data about moss.
No Other Versions Available

Searching for Paradise: Land of the Eagle
L074599 Digitized Video 49:22 min I 1990 Learn360
This documentary series turns the clock back to reveal North America as it used to be hundreds of years ago, seen through the eyes of Native Americans and white settlers. Through their writings and diaries, Peter Crawford’s award-winning series recreates the landscapes and wildlife of North America at the time when the first Europeans arrived. Searching for Paradise traces the discovery, settlement, and development of California from 16th century Spanish explorers to the present day. It includes the mission systems destruction of Chumash society and native ecosystems; the Gold Rush; John Muir’s efforts to create Yosemite National Park; and ongoing tensions between industrial development and wilderness conservation. A BBC Production.
No Other Versions Available

Seeds in Motion
L110510 Digitized Video 14:05 min I 2002 Learn360
Using time-lapse photography, this video investigates the characteristics and diversity of the ingenious solutions flowering plants, including fruit plants, have devised for propagation, in particular the embryonic seed, competition for light, food, water and space, and the way seeds are dispersed via water, wind and animals.
No Other Versions Available

Seguridad climática
L074491 Digitized Video 11:31 min PJI 2011 Learn360
Staying safe in all kinds of weather and avoiding weather related injuries are the focus of this practical video. Concepts and terminology: lightning, tornado, wind, hurricane, and safe shelter.
No Other Versions Available

Sicily: Discover the World
L120174 Digitized Video 31:05 min IS 2011 Learn360
This program looks at the people, history, culture and geography of Sicily.
No Other Versions Available

Sinking of the LusitaniaNewsreels
L13562 Digitized Video 1:20 min IS 2002 Learn360
Over 1,000 lives were lost when the Lusitania luxury liner was torpedoed by a German submarine during World War I. Watch as the ship leaves New York and passengers go about their normal activities, but see them rushing to life boats after the torpedo hits.
No Other Versions Available

The Social Struggle
L086541 Digitized Video 49:24 min I 1995 Learn360
David Attenborough’s series takes us on a guided tour through the secret world of plants and their struggle for survival in a story full of drama, beauty and achievement. Using time-lapse photography, Attenborough takes us through each aspect of plants’ livest travellers, growing, flowering, coexisting with other plants and animals, and the ingenious way they adapt to even the harshest of conditions. The Social Struggle examines how plants coexist or compete with other species. The strangler climbing fig chokes host trees to death, while savanna grasses manipulate elephants into uprooting acacia trees to create an ideal environment. When a tree falls in a forest, its decomposing trunk becomes a nursery for seedlings and a shelter for fungi. Opportunists use hurricanes, forest fires, and
Solar Decathlon - Housing's Bright Spot:

Science Nation
L120108 Digitized Video
2:33 min IS 2010 Learn360

This past October, taking a walk on the mall in Washington D.C., might have been more like taking a walk into the future. Twenty solar-powered homes were sprawled across the mall's west end, transforming it from a park into something that resembled a quirky housing development. The homes were part of the annual Solar Decathlon, a collegiate competition for engineering and architecture students who must design these energy efficient homes of the future from the ground up.
No Other Versions Available

South Asia: The People

L110595 Digitized Video
23:09 min IS 2001 Learn360

History and cultural traditions of Southeast Asian peoples are described and explained in this program.
No Other Versions Available

Southeast Region: North American GeoQuest

L15049 Digitized Video
24:40 min JIS 1998 Learn360

Learn about the geography and settlement of the United States' Southeast region. Virginia, North and South Carolina, Georgia, Alabama, and Florida comprise this region. Survey the contributions to preand post-Civil War history these states have made.
No Other Versions Available

Southwest Region: North American GeoQuest

L15050 Digitized Video
23:23 min JIS 1998 Learn360

The Southwest region includes the states of Arizona, New Mexico, Oklahoma, and Texas. Hear about the many battles fought to dispute control of the territory. Discover the geographic beauty of the area and how it has enriched the inhabitants.
No Other Versions Available

Soviet Union (Former) Part 2: History and Heritage

L15960 Digitized Video
22:22 min JI 1987 Learn360

This film, made in 1987 before the collapse of the Soviet Union, traces the history and creation of the former USSR. Trace the rejection of the Russian monarchy and the movement toward socialism, and review Soviet life during the Cold War before Glasnost.
No Other Versions Available

Space Geologist: Adriana Ocampo

L110549 Digitized Video
18:11 min JI 2004 Learn360

Search Belize and Mexico for a crater caused by an asteroid that hit Earth 65 million years ago. Follow space geologist Adriana Ocampo, Ph.D., as she compares ancient craters on other planets with those discovered on Earth. Learn about fossil records and biological time. Get to know Adriana, who helped determine the outline of a buried crater in Mexico, a discovery that helped prove an asteroid caused the extinction of the dinosaurs. Your students will develop an understanding of: cause and effect in Earth systems, atmospheric processes, the span of biological time, and the fossil record and changes in life forms.
No Other Versions Available

Spectacular Lakes

74892 DVD
54 min IS 2006 McNabb/Connolly Films

Half of the world's fresh water is in Canadian lakes. The most spectacular are the Great Lakes. The greatest of which is Lake Superior. If it were drained it would cover North And South America in 60 centimeters of water. In Nova Scotia, Bras Dor Lake is so beautiful that when the inventor of the telephone Alexander Graham Bell discovered it, he decided it would be his home. He lived there for all of his adult life and he and his wife are both buried on its' shore. Lake Winnipeg is a shallow lake and for that reason very dangerous. This was quickly discovered by the huge number of Icelanders who came to this lake to escape the blight of their homeland.
No Other Versions Available

Steve Irwin: Flashbacks

L19961 Digitized Video
5:02 min JIS 2006 Learn360

Steve Irwin originally started out as a professional crocodile hunter and worked at his families farm and wildlife park.
No Other Versions Available

Storms: Extreme Environments

L112115 Digitized Video
22:32 min IS 2008 Learn360

Storms can be manifested as Hurricanes, Cyclones, Sandstorms, Sea Storms and Tornadoes. Different geographic locations are more susceptible to cyclogenesis (the development or strengthening of cyclonic circulation in the atmosphere), and the resulting devastation.
No Other Versions Available

Struck by Lightning

L113771 Digitized Video
50:21 min IS 2007 Learn360

What really happens when 30 million volts of electricity charges through your body and you survive being struck by lightning? Now, meet survivors who live to tell their tale of being hit by a force that is faster than a speeding bullet and five times hotter than the sun as Explorer unravels the science behind one of nature's most mysterious phenomena. Using revolutionary brain imaging technology and 3-D CGI, NGC travels inside the human body along the path of a lightning bolt.
No Other Versions Available

The Structure of the Earth

L119156 Digitized Video
0:42 min KPJIS 2005 Learn360

The exact structure of our planet is still a mystery. Scientists study phenomena on the surface of the earth, such as the folding and metamorphosis of rocks. All indications are that deep within earth temperature and pressure conditions are so extreme that they cause rock to melt and slowly flow.
No Other Versions Available

Submerged Volcanoes (Canary Islands, Spain): Seaway

L120201 Digitized Video
25:15 min IS 2011 Learn360

The sea bottoms of volcanic origin are the heart of this episode, in which we explain what underwater volcanoes are like and the origin of these geological formations.
No Other Versions Available

Successful Flight Made into HurricaneNewsreels

L13500 Digitized Video
3:32 min IS 2002 Learn360

In 1944, aviators made the first flight into a hurricane to gather scientific data. Hear the story of the Air Force's Hurricane Hunters.
No Other Versions Available
The Sun
L115882 Digitized Video
22:30 min JIS 2003 Learn360
The sun, an enormous sphere of gas, is the center of our solar system. For a star, it's of average size, and about 5 billion years old. Its energy is generated through the nuclear fusion of hydrogen into helium in its core under enormous pressures and temperatures. The energy travels to its surface by radiation and convection. The yellow sunlight is the photosphere, above that is the chromosphere colored red from glowing helium, and above that is the corona. Prominences are flame-like arcs that occur over sunspots. Flares are the shortest and most violent of solar explosions. Coronal Mass Ejections occur when a vast quantity of solar matter is spewed out of the sun's interior. Solar winds, charged particles from the sun, stream through the entire solar system, disrupt radio communications, and when trapped in Earth's magnetic field, become visible as auroras at the polar regions. Five billion years from now, when the sun's hydrogen fuel is depleted, it will become unstable, and gravity will collapse it into a remnant core, a White Dwarf.
No Other Versions Available

Surviving
L086543 Digitized Video
49:03 min I 1995 Learn360
David Attenborough's series takes us on a guided tour through the secret world of plants and their struggle for survival in a story full of drama, beauty and achievement. Using time-lapse photography, Attenborough walks us through each aspect of plants' livelihood, growing, flowering, coexisting with other plants and animals, and the ingenious way they adapt to even the harshest conditions. Survival explores ways in which plants have adapted to live in extreme conditions, from the North Pole to the Namib Desert. Arctic flowers stay close to the ground to avoid wind; high altitude species have developed frost protection features; arid plants store water in ingenious ways; and endemic plants on Mount Roraima have adapted to live in extreme conditions, from the North Pole to the Namib Desert. Arctic flowers stay close to the ground to avoid wind; high altitude species have developed frost protection features; arid plants store water in ingenious ways; and endemic plants on Mount Roraima have become carnivorous due to a lack of nutrients. A BBC Production.
No Other Versions Available

Susquehanna SalvageNewsreels
L13932 Digitized Video
1:03 min IS 2002 Learn360
In 1920, the Susquehanna River was dredged to salvage coal that had washed downstream from mines up the river. No Other Versions Available

Sustainability and Natural Resources
L074414 Digitized Video
21:23 min IS 2007 Learn360
This program serves as an introduction to resource sustainability, focusing on the key strategies of resource efficiency, recycling, reusing, and reducing. The long-term impacts of resource use on human health and the environment are assessed. The program focuses on things all of us can do to increase natural resource efficiency. Other important terminology includes: waste, inefficiency, incentives, waste reduction, throwaway society, recycling, hazardous waste, landfill, and resource contamination.
No Other Versions Available

Sydney Harbour Bridge: Landmarks
L19976 Digitized Video
5:01 min JIS 2007 Learn360
The Sydney Harbour Bridge is Australia's best known landmark. It is the biggest, but not the longest, steel arch bridge in the world. At its highest point, the arch reaches 134 meters over sea level. No Other Versions Available

Sydney Opera House: Landmarks
L19977 Digitized Video
5 min JIS 2007 Learn360
The Australian flag flutters high above the country's two most recognizable icons - the Sydney Harbour Bridge and its distinctive neighbor, the Sydney Opera House. In 2007 the futuristic, sensually designed opera house was given UNESCO's top honor - World Heritage Status. The Sydney Opera House is an expressionist modern design. Each of its distinctive large 'shells' is made from pre-cast concrete and each taken from a hemisphere of the same radius, forming the roofs of the structure.
No Other Versions Available

Tanzania: Calling All Rhinos
L18675 Digitized Video
11:04 min KPJI 2007 Learn360
Paula travels to the Mkomazi Rhino Reserve in Tanzania where she meets Tony, a well-known conservationist and animal lover. She and Tony explore the expansive reserve by land and air, hoping to spot a rhino. Paula chats with Tony's six-year-old twins about living among the animals.
No Other Versions Available

Tectonic Plates
L117722 Digitized Video
3:29 min JIS 2010 Learn360
The earth's crust is divided into seven tectonic plates, which meet at fault lines. The plates are constantly in motion, driven into each other by the heat generated in the earth's core.
No Other Versions Available

Tectonics and Volcanism
L119163 Digitized Video
1:25 min KPJIS 2005 Learn360
The lithospheric plates floating on the surface of the earth's crust are moved a few centimeters each year by convection currents in the lower mantle. This is called Plate Tectonics. Divergent plates are plates that are moving away from each other, widening the oceans. Convergent plates move toward each other and can build mountain chains and volcanoes.
No Other Versions Available

Tectonics and Volcanism Introduction
L119162 Digitized Video
0:35 min KPJIS 2005 Learn360
The plates on the earth's crust are constantly moving and bumping into one another building mountains and widening oceans. Although these movements are slow and continuous, they can give rise to devastating phenomena like volcanic eruptions and earthquakes.
No Other Versions Available

Temple Mount: Landmarks
L110041 Digitized Video
4:59 min JIS 2007 Learn360
The temple mount, also known as the noble sanctuary, is a religious site in the old city of Jerusalem. It's the holiest site for Judaism, but also holds great significance in the Muslim and Christian world. Today both Israel and the Palestinian authority claim sovereignty over the site, which remains a key issue in the Arab-Israeli conflict.
No Other Versions Available

Terrible Twister
CBC7217 Digitized Video
22:01 min IS 2013 Learn360
On this episode of Do or Die, put yourself in the driver's seat as a massive, swirling tornado charges toward your car. Survive a brutal surfing wipe-out when you're hammered by a killer wave. And botch a dirt bike jump across an 80-foot chasm and walk away with only bruised heels. If you were forced to make these split-second Do or Die decisions, would you make the right choice? No Other Versions Available
Physical Patterns in a Changing World

Thematic Maps
L119190 Digitized Video
1:25 min KPJIS 2005 Learn360
A wide variety of phenomena can be represented on thematic maps, such as population density. A base map shows the confines of the area concerned and a legend defines the map's phenomena using a graphical language. A gradation of colors can show population density while different sized dots represent main cities. A synthetic map may show the link between two phenomena such as population density and the distribution of rail lines. There are also world climate maps and weather prediction maps.
No Other Versions Available

This Day in History, April 24
L112655 Digitized Video
1:21 min IS 2007 Learn360
In what is known as the Easter Rebellion, the Irish Republican Brotherhood, a secret organization of Irish nationalists led by Patrick Pearse, launches an armed uprising against British rule in Dublin.
No Other Versions Available

This Day in History, April 6
L112636 Digitized Video
1:17 min IS 2007 Learn360
The first modern Olympic Games are opened in Athens, Greece.
No Other Versions Available

This Day in History, February 22
L112592 Digitized Video
1:30 min IS 2007 Learn360
In one of the most dramatic upsets in Olympic history, the underdog U.S. hockey team defeats the defending champion Soviet team at the XIII Olympic Winter Games in Lake Placid, New York.
No Other Versions Available

This Day in History, January 1
L112540 Digitized Video
1:02 min IS 2007 Learn360
Dictator Fulgencio Batista flees Cuba, forced out by Fidel Castro and a socialist revolution.
No Other Versions Available

This Day in History, November 29
L112878 Digitized Video
1:15 min IS 2007 Learn360
The United Nations votes for the partition of Palestine and the creation of an independent Jewish state.
No Other Versions Available

This Day in History, November 4
L112853 Digitized Video
1:13 min IS 2007 Learn360
Israeli Prime Minister Yitzhak Rabin is assassinated.
No Other Versions Available

This Day in History, September 5
L112793 Digitized Video
1:20 min IS 2007 Learn360
The first Labor Day parade is held. Jack Kerouac publishes, On the Road. Sam Houston is elected the first president of the Republic of Texas.
No Other Versions Available

Tibet Revolts Against Red Rule
L13427 Digitized Video
3:27 min IS 2002 Learn360
During the 1959 Tibetan revolt against the Chinese, the Dalai Lama fled on foot to India where the government gave him asylum. See the Dalai Lama in exile as he meets with Indian Prime Minister Jawaharlal Nehru.
No Other Versions Available

Tidal Wave Hits Paris
L13820 Digitized Video
43:44 min IS 2002 Learn360
See huge waves crashing over the banks of the flooded Seine River in 1931.
No Other Versions Available

Tioman and Sipadan (Malaysia): Seaway
L120203 Digitized Video
25:17 min IS 2011 Learn360
Sea turtles are the submarine stars of this area and are the stars of this episode. We will enter the famous and disturbing Turtle Cave. We will also visit Tioman Island, which boasts a wide variety of soft and hard corals.
No Other Versions Available

To What Degree?
L114819 Digitized Video
29:49 min IS 2009 Learn360
How do we know the climate is changing? How do we know what's causing it? Some of the world's leading climate scientists explore the science behind the headlines in this lively documentary.
No Other Versions Available

Topografias
L074185 Digitized Video
14:34 min PJ 2008 Learn360
Earth's landscape is made up of a wide variety of physical features referred to as landforms. Characteristics of the major landforms are illustrated through the use of dramatic footage from North America, including the Grand Canyon, Interior Plains, and the Rocky Mountains. Earth's water features are also depicted. Important terminology includes: plain, relief, interior plain, coastal plain, plateau, mountain, hill, valley, canyon, beach, dune, sea cliff, sea stack, ocean, lake, bay, river, and creek.
No OtherVersions Available

Topography and the Earth
L074426 Digitized Video
20:13 min JI 2003 Learn360
This program describes the major topographical features of Earth including mountains, plains, and plateaus. Footage from throughout North America takes students to the Rocky Mountains, the plains of Iowa, and the Colorado Plateau to illustrate these major features. The characteristics of Earth's interior are also explored. Other terminology includes: topography, landscape, elevation, sea level, relief, mountain range, plateau, crust, lithosphere, asthenosphere, mantle, and core.
No Other Versions Available

Tornado Alley Twister
L19157 Digitized Video
45:43 min IS 2006 Learn360
Meteorologist believe a massive tornado will strike Dallas, Texas sometime in the near future. Such a storm would crush this city of more than 6 million people. This program employs computer simulations to speculate on the potential destruction and death toll of a possible Dallas mega tornado.
No Other Versions Available

Tornado Sweeps South
L13642 Digitized Video
1:13 min IS 2002 Learn360
See the aftermath of a tornado that tore through six southern states in 1936.
No Other Versions Available
Physical Patterns in a Changing World

Tornadoes
L13122 Digitized Video
2:47 min IS 2004 Learn360
Tornados strike Tornado Alley in the central United States every spring and summer. Watch detailed animation sequences that explain how these storms form. See storm chasers in the field study this deadly weather.
No Other Versions Available

Tornadoes : Natural Disaster or Natural Phenomena?
L065587 Digitized Video
17:57 min IS 2006 Learn360
A virtual what, how, when, where, why and wow of Mother Nature's most wild side. Program includes carefully chapa-
tered segments covering all the principal elements of un-
derstanding. We live in an ocean of air. It's all around us, everyday, all the time ... so most of the time we don't even think about it. We only notice air when it moves when it becomes a wind. Wind can be part of a storm that can make for messy weather. In certain parts of the country people have to watch out for one of the most dangerous forms that wind can take, tornadoes!
No Other Versions Available

Torvill And Dean: The Greats
L110109 Digitized Video
5 min JIS 2007 Learn360
For a country not always known for its sporting prowess or its great winter sporting facilities, the UK has come up with several figure skating champions. In the mid seventies there was John Curry, who was closely followed by Robin Cousins. But towering over all-comers were ice dancers Jayne Torvill and Christopher Dean.
No Other Versions Available

Tragedy of the Commons: Chalk Talk
L11826 Digitized Video
1:51 min IS 2012 Learn360
The tragedy of the commons is a dilemma that develops when a group holds a limited resource in common. If each person acts rationally in his or her own self-interest often the resource will be depleted or destroyed by the group even if the individuals know that their behavior will ultimately be harmful.
No Other Versions Available

Trans-Siberian Railroad
L19714 Digitized Video
45:51 min IS 2002 Learn360
It's the longest, most expensive and complicated railroad ever built. Ordered by the Czar in an effort to save his empire and unify his country at the twilight of the 19th century, the Trans-Siberian Railroad nearly tore Russia apart. Intended in part for defense, the railroad provoked a war, crossed great lengths over treacherous terrain, and encountered logistical and economic failures. Ironically, "enemies of the state" built the railroad—men sentenced to hard labor in Siberian prisons.
No Other Versions Available

Treasure Seekers: Lost Cities of the Inca
L15711 Digitized Video
52:40 min IS 2000 Learn360
When the Incan empire was destroyed by the Spanish in 1532, the last king fled into the mountains. Delve into the stories of two men who set out to locate the last city of the Incas: Francisco de Toledo in the 16th century and Hiram Bingham in the 20th.
No Other Versions Available

Treasure Seekers: The Silk Road
L15711 Digitized Video
52:43 min IS 2000 Learn360
In this program about the Silk Road, learn the history of this east to west passage, from Roman times through the 20th century. Investigate evidence of Marco Polo's travels and learn how a Swedish explorer's politics influenced his fame and fortune.
No Other Versions Available

Tsunami: Flashbacks
L19974 Digitized Video
4:59 min JIS 2006 Learn360
The earthquake that triggered the Tsunami in the Indian ocean in December 2004, was the largest natural disaster in the last forty years.
No Other Versions Available

Tsunamis
L19549 Digitized Video
45:36 min IS 2006 Film Ideas Inc.
Set off by an earthquake in the Indian Ocean, the 2004 Asian Tsunami wreaked untold devastation. It killed more than a quarter million people in 11 countries. Here, you'll see how modern technology has enabled scientists to develop early warning systems that may be capable of saving thousands of lives when the next major tsunami strikes.
No Other Versions Available

Tsunamis : Natural Disaster or Natural Phenomena?
L065588 Digitized Video
14:36 min IS 2006 Learn360
A virtual what, how, when, where, why and wow of Mother Nature's most wild side. Program includes carefully chapa-
tered segments covering all the principal elements of un-
derstanding. One of the worst natural disasters in history happened in December of 2004. It was a tsunami. A massive wall of water crashed on to the shore in Indonesia. It smashed into villages and swept away almost everything in its path. But a tsunami is just another sign that Mother Nature is continuing her natural process of change. Fortunately for us, dangerous tsunamis are also extremely rare.
No Other Versions Available

Tunisia Gets Independence
L13434 Digitized Video
3:27 min IS 2002 Learn360
Tunisia achieved its independence from France in 1956. View Tunis and Carthage and see unrest in the country-
side. Meet Habib Bourguiba, who led the nationalist move-
ment and became the first president of the independent republic.
No Other Versions Available

Turkey's Sultan Overthrown
L13919 Digitized Video
3:13 min IS 2002 Learn360
In 1922, the Turkish nationalist movement overthrew the ruling sultan and established the Republic of Turkey. Learn about the events leading up to the revolt and the changes it brought to the country.
No Other Versions Available
The Mississippi River is the longest river in America. It has seen steamboats, floods, gamblers, fur trappers, and Civil War battles on its southward travel to the Gulf of Mexico.

No Other Versions Available

Typhoons Lash Islands of Japan

L120196
24:22 min
IS
2011
Learn360

Witness the worst typhoon in Japan's history. View aerial shots of the devastation that killed thousands of people and left over a million Japanese homeless in 1959.

No Other Versions Available

Underwater Volcanoes

L19296
45:11 min
IS
1997
Learn360

In the extreme depths of the sea lies the mysterious and bizarre world of underwater volcanoes. Despite the extreme pressure of the deep ocean waters and the searing heat of hydrothermal vents, life flourishes there. Join a deep water scientific exploration and see the hidden places where scientists believe all life began.

No Other Versions Available

Unpredictable Land (Papua New Guinea):

Seaway

L120200
22:17 min
IS
2011
Learn360

This episode begins with the way we were received by the Kofure Clan, who wished us good luck on our underwater journeys. Beneath the waves Papua is like no other place and is very attractive to any viewer who wants to see things he or she has never seen before.

No Other Versions Available

Unraveling the Mysteries of Tornadoes: Science Nation

L120126
4:52 min
IS
2009
Learn360

The project is called VORTEX2, but it could also be called The Amazing Chase. For five weeks in the spring of 2009, and again in spring 2010, 100 researchers and scientists from 16 universities will deploy about 40 vehicles armed with high tech equipment to measure and probe tornadoes and tornado development. The researchers will span across the Midwest in search of tornadoes—all to better understand how, when and why they form.

No Other Versions Available

Upper Mississippi River: Rivers of North America

L15065
23:06 min
JIS
2001
Learn360

Meet the most storied waterway in all of North America. The Mississippi River is the longest river in America. It has seen steamboats, floods, gamblers, fur trappers, and Civil War battles on its southward travel to the Gulf of Mexico.

No Other Versions Available

Uprising in Iran Against Premier

L13495
3:34 min
IS
2002
Learn360

The Shah of Iran was overthrown in 1951, but he returned from exile in 1953 after royalist forces in the military restored him to power. Watch scenes from this chapter in Iran's history.

No Other Versions Available

Venezuela

L110797
22:27 min
IS
2003
Learn360

Explore seven very different environments in Venezuela.

No Other Versions Available

Video Quiz: The Air Up There

L11101
37:07 min
I
2004
Learn360

Describes the Earth's atmosphere and the properties of each of the atmosphere's layers, talks about altitude, pressure, and temperature related to these atmospheric layers, as well as discusses ozone and the Ozone layer.

No Other Versions Available

Volcanoes y terremotos

L074335
21:32 min
I
2003
Learn360

Footage of volcanic activity in Iceland and Hawaii, as well as earthquake events in California, illustrate how these dynamic forces affect our world. Through descriptions of actual volcanic and earthquake occurrences, students will discover how these dynamic forces affect our world. The video discusses the nature and causes of earthquakes and volcanoes. Other terminology includes: molten rock, magma, lava, cinder cone, shield volcano, composite volcano, caldera, Ring of Fire, seismic waves, seismograph, and Richter Scale.

No Other Versions Available

Volcanoes

74327
19 min
I
2006
Film Ideas Inc.

Volcanoes are part of the natural process of the earth. They can bring terrible disaster. But they also have a lot of benefits for humans. Some of the best farmland in the world is in soil created by volcanoes.

No Other Versions Available

Volcanoes

76665
30 min
JI
2013
Mcnabb/Connolly Films

The Fierce Earth special team takes on one of the most feared forces on the planet - the Volcano. Dougal explores the secret lava tubes of Etna and climbs Stromboli for a face-to-face encounter with an erupting volcano. Meanwhile, Leo finds evidence of a volcano where you'd least expect it.

No Other Versions Available

Volcanoes

L19363
45:35 min
IS
2003
Learn360

Volcanoes can pack a punch greater than hundreds of nuclear bombs. They erupt rarely, but they do so unexpectedly and with great fury. See how scientists are gaining a greater understanding of these geological time bombs through modern technology.

No Other Versions Available
Waves of Discovery - Harnessing the Ocean's Power: Science Nation
L120133 Digitized Video
2:26 min IS 2009 Learn360
Harnessing energy from the waves of the world's oceans seems like the ultimate in renewable fuel. Yet research lags 15-20 years behind studies of solar and wind power. With funding from the National Science Foundation, electrical engineer Annette von Jouanne is leading efforts to capture wave energy, by creating simple, powerful devices that can withstand heavy winds, monster waves, and corrosive salt water. Oregon State University research now underway is based on ocean buoy generators. As ocean swells hit the buoy, electrical coils inside move through a magnetic field, inducing a voltage, and creating electricity. No Other Versions Available

Volcanoes (Bill Nye)
73027 DVD
26 min JI 1997 Magic Lantern Communications
Bill travels from Washington's mount St. Helens to the islands of Hawaii to take a look at the World of volcanoes; what they are, how they're formed, and the different types that exist.
No Other Versions Available

Volcanoes: Extreme Environments
L112106 Digitized Video
25:08 min IS 2008 Learn360
Volcanic eruptions are devastating, often killing thousands and displacing many more, yet people continue to reside near active volcanoes as the ash and lava enrich the soil. No Other Versions Available

Washington D.C.: North American GeoQuest
L15051 Digitized Video
22:33 min JIS 1998 Learn360
George Washington chose a site for the nation's new capital in 1790. Today this site is known as Washington D. C. or the District of Columbia. Explore the history of this city and how it has become one of the most powerful political centers in the world.
No Other Versions Available

Water and the Oceans
L119169 Digitized Video
0:35 min KPJIS 2005 Learn360
Water on earth is found in lakes and rivers, oceans and seas. Oceans cover over two thirds of the planet and provide the phenomena of tides, tsunamis and waves. No Other Versions Available

Water Management
L122860 Digitized Video
19:31 min IS 2009 Learn360
This program presents an overview of job opportunities in water management such as flood control, reservoir management, levee design and repair, designing and operating dams and sewer systems, river management and restoration, monitoring fish populations, protecting habitats and endangered species, maintaining natural resources, water conservation, irrigation, landscape design, and more.
No Other Versions Available

Watercourses
L119170 Digitized Video
1:46 min KPJIS 2005 Learn360
Streams, rivers and lakes irrigate the planet. Rivers have their source in the mountains. Water infiltrated into the ground rises and forms streams which can join forming fast moving rivers that dig deep gorges into the rock. If the flow of a watercourse is obstructed, it forms a lake. Rivers slow and widen when they reach the plains. The Nile is the longest river in the world, followed closely by the Amazon in South America and the Yangtze in China. Water from rivers flows into the oceans, is evaporated, forms clouds whose precipitation feeds the watercourses, closing the cycle of water.
No Other Versions Available

Physical Patterns in a Changing World

Weather
L13127 Digitized Video
3:53 min IS 2004 Learn360
Learn the fundamentals of meteorology, including forecasting and how weather forms, moves, and changes. Take a closer look at elements that make up weather such as precipitation, fronts, and air masses.
No Other Versions Available

Weather Concepts Video Quiz
L11128 Digitized Video
34:56 min I 2002 Learn360
Investigates how weather is formed, looks at pressures, fronts, and temperatures, as well as discusses where weather is created.
No Other Versions Available

Weather: Dragons of Chaos
CBC692 Digitized Video
53:43 min JI 2000
The Nature of Things takes a look at weather's chaotic character and how modern society is coping. We hear firsthand accounts from people who have survived some of the most ruthless weather conditions. Bob Howard and Ken Osborne describe how the cottage they were in was suddenly lifted from its foundations and deposited in a lake by a tornado. Documentory footage shows a small community literally washed away by the Saguenay river flood and we hear accounts from those that lived through the 1998 ice storm that destroyed the power supply of five million people. Viewers are given insight into how these weather conditions arise: how a tornado forms, the structure of a hurricane and the special circumstances that can lead to an ice storm or a catastrophic flood.
No Other Versions Available

Weather Maps
L119321 Digitized Video
1:27 min KPJIS 2005 Learn360
Weather maps give information about the state of the atmosphere in a given region. Meteorologists use an international graphic code to represent the information. A circle represents a weather station, symbols show temperature, type of precipitation, wind strength, type of cloud and atmospheric pressure at the station. Isobars and letters indicating high and low pressure zones as well as lines that show where different air masses meet and regions of precipitation aid the meteorologist and are useful to aviators and navigators.
No Other Versions Available

Wedding of the Duke of Kent
Newsreels
L13570 Digitized Video
2:49 min IS 2002 Learn360
In 1934 Prince George (Duke of Kent) married Princess Marina of Greece. Observe the newlyweds traveling in a horse-drawn carriage through streets lined with people. Watch them waving from the balcony of Buckingham Palace along with King George V.
No Other Versions Available

Western Canadian Provinces: North American GeoQuest
L15052 Digitized Video
23:18 min JIS 1998 Learn360
Western Canada is composed of four provinces and two territories. Observe how the lives of its inhabitants, its economy, and its history are affected by the major geographical regions and natural resources found in the area.
No Other Versions Available
No Other Versions Available

Wilderness: Extreme Environments
L112119 Digitized Video
24:34 min | IS 2008 Learn360
Areas of wilderness are parts of the world that have been left untouched by modern man. Some places have survived because they are too harsh to be inhabited by civilization. Others have survived because people have worked hard to preserve their natural beauty.
No Other Versions Available

Wild Spaces: Yellowstone National Park
L111876 Digitized Video
49:50 min | IS 2007 Learn360
Millions of visitors have seen the bubbling mud pots and clockwork geysers, but beyond the boardwalk, there's a wilderness few have experienced. The name "Yellowstone" may have a backyard familiarity, but the park itself holds much more than what most see. The "back country" makes up most of Yellowstone's two million acres. It's a giant swatch of terrain - much of it remote, some of it dangerous, all of it commanding awe and respect. Here wolves, bison and bears roam freely and new waterfalls wait to be discovered. But there is also danger underfoot. Yellowstone is an ever-changing geological cauldron of magma, fumaroles, boiling hot springs and poisonous gases.
No Other Versions Available

Wildfires
76660 DVD
30 min | JI 2013 McNabb/Connolly Films
The Fierce Earth team investigates wildfires and discovers how they rage all over the world, leaving a trail of devastation and destruction. We travel to Colorado and meet one of the youngest female fire fighters in the US, who has been on the front line and tackled wildfires head on after her house and part of her neighbourhood was burnt down. Zoe experiences first-hand what it feels like to try and outrun a wildfire and Leo's challenged to see how long he can survive in raging heat of up to 800 degrees in a special fire chamber experiment.
No Other Versions Available

Wind
L119307 Digitized Video
1:39 min | KPJIS 2005 Learn360
Winds are air currents that move from high pressure zones to low pressure zones. Because of the earth's rotation, all bodies in the atmosphere are deflected. This is called the Coriolis Force. Winds are forced into circular motion around low pressure zones. Prevailing winds, like the trade winds, flow around the planet in a constant direction. Local winds, influenced by geographic features like oceans and mountains, do not flow in a constant direction and wind speed varies significantly.
No Other Versions Available

Wind: Green Revolution
L114330 Digitized Video
5:01 min | IS 2011 Learn360
In this episode of the Green Revolution series, we visit Colorado, a leader in wind energy technologies, to learn more about one of the fastest growing sources of renewable energy in the U.S. We also investigate how generators can turn the kinetic energy of wind into electrical current.
No Other Versions Available

Wind Power Careers: Science Nation
L120134 Digitized Video
2:34 min | IS 2010 Learn360
Wyoming has long been known as an energy exporter, from oil to natural gas to coal. The state is now booming with two other resources: wind energy and qualified technicians trained to build, install and service the enormous growth in wind turbine technology. With National Science Foundation funding, Laramie County Community College in Wyoming is becoming a national leader in training. Many students are older than average college students; many also are re-training from 20th century industries that have disappeared. It is not a career for the faint of heart, or those with acrophobia. Turbines can be perched 250 feet in the air. We'll join some of the students and instructors during training.
No Other Versions Available

Windy City Tornado
L19159 Digitized Video
44:52 min | IS 2006 Learn360
Could the Sears Tower survive a major tornado? We will find out when a predicted major storm eventually hits the Windy City. Major twisters have struck the Chicago area in the last century and meteorologists are certain it will happen again. Computer simulations and conversations with weather experts offer a picture of this potential weather catastrophe.
No Other Versions Available

Who Built the Pyramids?
L13128 Digitized Video
23:37 min | IS 1992 Learn360
Presents the findings of an archaeological excavation near Cairo. Archaeologists seek to uncover the mystery of the pyramid builders in an effort to disprove the theory that these ancient workers were slaves.
No Other Versions Available

When Lightning Strikes
L14177 Digitized Video
16:08 min | IS 1998 Learn360
Discover lightning's power, beauty, and hazards through personal interviews with lightning-strike survivors. Hear how 'nature's electricity' has changed their lives forever. Explore the formation and discharge of lightning as thunderhead clouds build up.
No Other Versions Available

When Ireland Starved
L14176 Digitized Video
12:13 min | IS 1995 Learn360
The Great Famine in Ireland during the mid-1800s killed over a million people and has had a lasting effect on Ireland. The Great Famine is a story of ignorance, greed, despair, but also of hope and triumph. A National Geographic Production.
No Other Versions Available

What's the Deepest We've Ever Dug Into the Earth? Ask Smithsonian
L065802 Digitized Video
1:17 min | IS 2014 Learn360
Started by scientists in 1970, and completed decades later, the deepest whole ever dug is only 9 inches across, the Kola Borehole.
No Other Versions Available

Western Wall: Landmarks
L110043 Digitized Video
5:01 min | JIS 2007 Learn360
It's about the maker of landmarks, God. There's no doubt when you want something done, take it to the top and apparently that's what many people have done for generations. Hundreds of thousands of letters addressed to "God"; "Jesus"; "Jesus care of Jerusalem, Israel" or "to God, Jerusalem, Israel," arrive at Israel's main postal office in Jerusalem. They arrive each year from all around the world, written by people seeking divine intervention.
No Other Versions Available

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No Other Versions Available
### Physical Patterns in a Changing World

**Wings Over Canada - Part One**  
74954 DVD  
120 min  JI  2005 Visual Education Centre  
Wings Over Canada takes a lighthearted look at Canada, its people, history and customs. With breathtaking images from the eastern seaboard to the pacific coast, this show is a unique odyssey that finds John Lovelace and his crew working their way form remote flying fishing lakes and snow capped mountains to historic gold mines and ghost towns in search of the next unique adventure. This DVD covers: Canada: John Lovelace's Canada; BC: Broughton Archipelago; Yukon: Yukon on a Harley.  
No Other Versions Available

**Wings Over Canada - Part Two**  
74955 DVD  
120 min  I  2005 Visual Education Centre  
Wings Over Canada legacy, and takes a lighthearted look at Canada, its people, history and customs. With breathtaking images from the eastern seaboard to the pacific coast, This show is a unique odyssey that finds John Lovelace and his crew working their way form remote flying fishing lakes and snow capped mountains to historic gold mines and ghost towns in search of the next unique adventure. This DVD cover: Quebec: Magdelan Island; Ontario: In Search of the Lost Mines; Saskatchewan: Lost in Saskatchewan; and Maritimes: Baddeck, Nova Scotia.  
No Other Versions Available

**Winston Churchill Holidays in Italy Newsreels**  
L13698 Digitized Video  
28:28 min  IS  2002 Learn360  
Glimpse Winston Churchill sightseeing in Rome during a 1926 visit.  
No Other Versions Available

**The World in Spatial Terms**  
75264 DVD  
23 min  JI  2006  
World in Spatial Terms, To understand and appreciate our world, it is important to understand the patterns of organization of the physical and human aspects of our planet. From how landforms define and shape our world to how people adapt to them and sometimes alter them, the relationship between the two defines our planet. In this program students will learn about cartography and technologies such as GIS, GPS and databases that geographers use to help us see the regular and recurring patterns in Earth's physical and human systems. These tools not only help us see and understand the world's patterns, but also help to make our planet a more comprehensible and fascinating place.  
No Other Versions Available

**Worst Hurricane in East Coast History Newsreels**  
L13812 Digitized Video  
1:41 min  IS  2002 Learn360  
Witness the aftermath of the Great Hurricane of 1938, or, as it was also known, the Long Island Express.  
No Other Versions Available

**'Wrong Way' Corrigan Lands in Dublin Newsreels**  
L13466 Digitized Video  
3:23 min  IS  2002 Learn360  
Hear the story of Douglas ‘Wrong Way’ Corrigan. In 1938, he flew from California to New York, but when he tried to return to California he landed in Ireland instead.  
No Other Versions Available

**Yangtze River, China: Landmarks**  
L19997 Digitized Video  
5:02 min  JIS  2008 Learn360  
China’s Yangtze River is the world’s third longest behind the Nile and the Amazon. The Yangtze has traditionally been considered a dividing line between north and south China. From its source in Qinghai province it flows for over 6,300 km eastwards into the East China Sea at Shanghai.  
No Other Versions Available