

Learning Resources

African Plant Explorer Student Activity Book

The Wonderwise Series: Women In Science

Available on the Canadian Learning Company web page at <http://www.canlearn.com>. Contact us to obtain the PIN number you will need to view the document. Purchase of the program is required.

Ages 12 to 14 minutes, order 5-45940-IN

An Arctic Expedition With Famed Explorer Will Steger

Newton's Apple Series

Staying alive in one of the most hostile environments on earth. Sled dogs pull their own weight and more. Life in camp. Proper insulation prevents big chill.

Ages 12 to 14 30 minutes, order 5-5004-IN

Beneath The North Atlantic

The Beneath The Sea Series

Grade 4 - Habitats and Communities. Grade 6 - Diversity of Living Things.

Fascinating journey through the temperate waters of the North Atlantic Ocean shows the feeding, swimming, and breeding habits of many unique marine creatures. Learn where this sea life can be found and how they protect themselves and thrive in this environment.

Ages 12 to 14, Ages 15 to 18, Adult 28 minutes, order 1-8569-IN

Here in these audio-visual programs are the stories of action that makes possible the miraculous rebirth of a waterway, the spectacular footage and stunning photography, exploring our environment.

Beneath The South Pacific

The Beneath The Sea Series

Grade 4 - Habitats and Communities. Grade 6: Diversity of Living Things. Stunning photography captures the voyage of the Oceanic Research Group to the tropical Pacific.

Enter the world of marine biologists and meet many of their unique and beautiful animal subjects: octopods, sharks, moray eels, symbiotic fish, giant clams, crinoids, marine turtles, dolphins, and much more.

Ages 9 to 11, Ages 12 to 14 25 minutes, order 1-8846-IN

Beneath The Caribbean

The Beneath The Sea Series

Grade 4 - Habitats and Communities. Grade 6 - Diversity of Living Things

Unlike the fertile waters of temperate oceans, the Caribbean Sea is warm and clear - and nutrient-poor, due to the scarcity of plankton and suspended particles. In order for life to

flourish in these harsh tropical conditions, sea creatures have evolved complex methods to capture food.

Spectacular footage illustrates how mangroves and coral reefs form the bases of the tropical ocean ecosystem. The program instills respect and understanding for creatures of the seas.

Available on CD-ROM and VHS

Ages 9-14, Adult 23 minutes, order 1-8882-IN

Ecosystem Of A Pond

Animals And How They Live Series

Grade 6: Diversity of Living Things: Basic concept: describe microscopic living things.

Grade 4: Habitats and Communities: Basic concept: recognize that plants and animals live in specific habitats.

Explores a tranquil pond to show an ecosystem teeming with life. Remarkable photography allows up close examination of creatures living on and in the water. The chloroplast in spirogyra and cells in pond weed are examined under a microscope. Encourages exploration and appreciation for the delicate balance that exists in any ecosystem.

Available in CD-ROM and VHS

Ages 9 to 11, Ages 12 to 14 18 minutes, order 1-8397-IN

Ecosystems: Nature In Balance

Grade 7 - Interactions Within Ecosystems: Basic concept: identify and explain the roles of producers, consumers and decomposers in food chains. Grade 6 - Diversity of Living Things.

Explores the ecosystem as a food chain with producers (plants), consumers (animals), and decomposers (bacteria and waste), showing how relationships in an ecosystem work and depend on each other.

Available in CD-ROM, VHS and Laser Videodisc

Ages 9-14 13 minutes, order 1-8559-IN



Learning Resources

Evolution / Strange And Unusual Animals: Adaptation Of Envir

Video Laserdisc

Evolution

A fascinating introduction to the theory of evolution.

Explores the forces that drive evolution, including mutations, human intervention, and natural disasters. Compares natural selection with artificial selection. *This title also available on CD-ROM and VHS*

Strange and Unusual Animals
This title also available on VHS

Ages 12-18
17 minutes, order 1-75191-IN

Extinction Is Forever: Birds Of The Past

Not so long ago, massive flocks of exotic birds filled the sky and walked the earth. Today, these creatures are gone, pushed to extinction primarily through man's actions. Here are stories of the species doomed to oblivion: the elephant bird of Madagascar; the Moa of Mauritius; the Dodo of New Zealand; and the Great Auk.

Also looked at is the California Condor saved from extinction by aggressive conservation techniques. Current efforts at conservation remind us that it is man's responsibility to protect ecological communities, recognizing that without other natural populations, we too will become extinct.
Ages 12-18, Ages 16 to Adult
35 minutes, order 8-1128-IN

Grand Canyon Chronicles

Dramatic animation depicts life in the Age of Dinosaurs and the Age of Mammals with an original musical score.

It tells of the events and forces that shaped the Earth, and the appearance of the earliest plants and land animals.

Available in CD-ROM and VHS

Ages 12 to 14, Ages 15 to 18, Adult
49 minutes, order 1-9700-IN

Human Population Growth

Healthy Living: Road To Wellness Series

Non-renewable resources are being consumed at unsustainable levels and producing waste that cannot be biodegraded and recycled. This program promotes ecological sensitivity by examining problems threatening the earth's environment and the delicate balance of its ecosystem. Students consider over population, acid rain, the ozone crises and water pollution.

Ages 16 to Adult
30 minutes, order 5-4982-IN

More

An animated house turns into a giant city...a single car multiplies a thousand times...a tiny road spawns a network of highways...and a lone workshop generates factories until the air is thick with smoke. In the end, the Earth is all used up...there is no more. A warning that the resources of the planet are finite.

All Ages
4 minutes, order 1-8379-IN

Parasite Sleuth Student Activity Book

The Wonderwise Series: Women In Science

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Ages 9 to 11, Ages 12 to 14
minutes, order 5-45930-IN

The Politics Of Water

Two controversial river projects - the Two Forks Dam and Nebraska Sandhills - are the catalyst to examine the question of who really owns America's water and what should be done to ensure that water will be available for future generations.

Ages 15 to 18
60 minutes, order 5-2218-IN

Pollen Detective Student Activity Book

The Wonderwise Series: Women In Science

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Ages 9 to 11, Ages 12 to 14
minutes, order 5-45910-IN

Profit The Earth

Must the economy suffer in order to heal the environment? Presenting practical, creative solutions that are both economically and environmentally sound, as well as "profitable." Explores using market forces to protect the environment and finding business opportunities in the environmental crisis.

Ages 16 to Adult
60 minutes, order 5-2220-IN

Rain Forest Special: Researchers, Snakes, Frogs, Leafcutters

Newton's Apple Series

Epiphytes get a "leg up" from rain forest trees. How a mimic snake fakes poisonous threat. It's a frog-eat-frog world. Visit a fungus garden and see how symbiosis makes the ants' success possible.

Ages 12 to 14
30 minutes, order 5-5003-IN



Learning Resources

Rainforest Ecologist Student Activity Book

The Wonderwise Series: Women In Science

Available on the Canadian Learning Company web page at <http://www.canlearn.com>. Contact us to obtain the PIN number you will need to view the document. Purchase of the program is required.

Ages 12 to 14, Ages 9 to 11 minutes, order 5-45920-IN

Rebirth Of Whitewood Creek

Wastewater and tailings from North America's largest gold mine and domestic sewage from nearby mining towns polluted Whitewood Creek for a century. Here is the story of action that made possible the miraculous rebirth of a waterway believed beyond repair.

Ages 12-18
29 minutes, order 9-1101-IN

Return Of The Osprey

Magnificent birds of prey which nested in great numbers on the U.S. Northeast coast until DDT caused near-extinction. Award winning close-up look at the amazing comeback of these birds and the people who fought to protect them and ban DDT.

Ages 16 to Adult
57 minutes, order 7-8000-IN

Sea Otter Biologist Student Activity Book

The Wonderwise Series: Women In Science

Available on the Canadian Learning Company web page at <http://www.canlearn.com>. Contact us to obtain the PIN number you will need to view the document. Purchase of the program is required.

Ages 9 to 11, Ages 12 to 14 minutes, order 5-45903-IN

Stewards Of The Earth: Agriculture And The Environment

The Life Choices Series

With the world population growing exponentially agricultural demands on the environment have reached levels that many believe to be unsustainable. This program explores key issues.

Ages 15 to 18, Adult
30 minutes, order 5-4274-IN

Stewards Of The Earth: Energy And The Environment

The Life Choices Series

Focuses on energy consumption related to transportation, examines the environmental effect of coal-fired power plants, and offers possible solutions to problems.

Ages 15 to 18, Adult
30 minutes, order 5-4275-IN

Stewards Of The Earth: Manufacturing And The Environment

The Life Choices Series

Solutions to the pressing waste management problem are addressed.

Ages 15 to 18, Adult
30 minutes, order 5-4276-IN

Uncertainties: The Frontiers Of Global Warming Research

Grade 8 - Water Systems

Examines the many facets of global warming including the greenhouse effect, possible consequences, and the importance of the three components of the earth's climate system: clouds, oceans, and plants.

Ages 12 to 14, Ages 15 to 18
12 minutes, order 1-8521-IN

User's Guide To Planet Earth: The American Environment Test

A host of celebrities lead viewers on their knowledge of the garbage crisis, recycling, forest and water conservation, and air pollution; plus how to protect our ground water, decrease household energy use and properly dispose of toxic products.

Ages 12-18
30 minutes, order 1-8584-IN

Waste Control Management: Reduce, Reuse, Repair

Shows businesses how to control the amount of waste products they generate through reducing what they use, reusing when ever possible, and repairing rather than replacing existing equipment.

Adult
10 minutes, order 1-8666-IN

The Wetlands

Grade 4 - Habitats and Communities: Basic concept: Recognize that plants and animals live in specific habitats because they are dependent on those habitats and have adapted to them; Relating Science and Technology...: show the effects on plants and animals of the loss of their natural habitat.

Beautifully photographed program provides a portrait of North America's imperiled wetlands, chronicling the life in these ecologically vital areas. Today, with fifty percent of North America's wetlands drained, people are becoming aware of the importance of these delicate parts of our planet's ecosystem and working to save them.

Also available in CD-ROM and Laser Videodisc.

Ages 12-18, Ages 9 to 11, Adult
13 minutes, order 1-8234-IN



Learning Resources

Yellowstone: Renewal After The Fire

Grade 7 - Interactions
Within Ecosystems: Basic concept: Identify signs of ecological succession in an ecosystem.

People were devastated to learn of the fires that raged through Yellowstone National Park in 1988 ... one of the most spectacular natural plateaus in the world. Now, there is a new and amazing wonder to contemplate. Nature's renewal process has begun and the Park is enjoying a remarkable rejuvenation.

This poignant film explains how and when the 1988 fires that ravaged one half of Yellowstone National Park began and how they were ultimately suppressed by a blanket of snow. Outstanding photography portrays how the fires opened a canopy to the sun allowing for new and diverse plant growth which is resulting in a richer and healthier park.

Ages 9 to 11, Ages 12 to 14, Ages 15 to 18, Adult
17 minutes, order 1-8461-IN

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