

Life Cycles

All About Animal Life Cycles

026898 VH, DV
PI 23 min CA 1999 Schlessinger
Video Productions
Animal Life for Children Series -
Closed-captioned. Learn about
average animal life spans, stages of
development, and the role of
reproduction. Discusses the circle of
birth, growth, reproduction, and death.
Examples are butterflies and trout.
DVD Contains: 1 Disc with English
and Spanish language tracks,
Discussion questions and activities,
Investigative Data Sheet, Chapter
select, and both DVD and VHS
contain in-case teacher's guide.

Life Cycle; Animals

All About Bugs

026922 VH
P 23 min CA 1999 Schlessinger
Video Productions
Animal Life for Children Series -
Closed-captioned. Learn about the
characteristics of bugs and the roles
they play in the circle of life.
Experiment segment shares the way
to make a vacuum trap to collect bugs
for study. Teacher's guide.

Insects

All About Plant Pollination: Fruit, Flowers, and Seeds

593338 VH
P 23 min CA 2000 Library Video
Company
Plant Life For Children Series -
Closed-captioned. Learn the different
parts of a flower and see how the
flower becomes pollinated. Uses
microscopic photography and detailed
diagrams. Learn about the structure
of seeds, how they develop inside
fruit, how they are dispersed, sprout,
and grow. Activity lets children
pollinate a flower and observe the
development of its seeds and fruit.
Teacher's guide.

Fruit; Plants; Seeds; Flowers;
Pollination

All About Seeds

023505 VH
P 8 min 1993 Troll Associates
First Time Science Series - Animated.
A vegetable, a fruit, or a mighty
oak...each plant can trace its roots to
a tiny seed nurtured by sunshine and
rain.

Seeds; Plants

All About the Human Life Cycle

591076 VH
P 23 min CA 2001 Schlessinger
Video Productions
Human Body for Children Series -
Closed-captioned. Explores the
stages of life using examples at a
family picnic. Includes a life-cycle
activity with a caterpillar. Teacher's
guide.

Life Cycle; Anatomy, Human

An Alphabet of Insects

594531 VH
NP 12 min 1986 Phoenix Learning
Group
Rhyming script, photography of
insects, and drawings accompany
each letter of the alphabet. Illustrates
both the alphabet and facts about
insects. Teacher's guide jacket.

Alphabet; Insects

Amazing Worlds Series

For descriptions see individual titles:
Insects and Other Minibeasts Kit
[041313]

Animal Families Series

For descriptions see individual titles:
The Cicada [022110]
The Firefly [022109]

Animal Life Cycles

026928 VH
IMJ 23 min 1999 Schlessinger
Video Productions
Animal Life in Action Series - Closed-
captioned. Examines the various
stages - birth, growth, maturation, and
reproduction - that animals pass
through during their life. Experiment
examines the stages of the larvae of a
milkweed bug. Teacher's guide.

Animals; Life Cycle

Animal Life for Children Series

For descriptions see individual titles:
All About Animal Life Cycles
[026898]
All About Bugs [026922]

Animal Life in Action Series

For descriptions see individual titles:
Animal Life Cycles [026928]
Insects and Other Arthropods
[026938]

Animal Science Series

For descriptions see individual titles:
Ant, Ladybug, Spider [598160]

Animals A-Z Series

For descriptions see individual titles:
Frog/Butterfly [598168]

Animals in Winter

020989 VH
PI 11 min 1950 Encyclopedia
Britannica
Provides an opportunity to study
various wild animals as they prepare
for and live through the winter season.
Portrays a badger, woodchuck,
chipmunk, caterpillar, owl, rabbit, blue
jay, porcupine, bobcat, and fox in
natural settings.

Animal Behavior; Life Cycle;
Weather; Ecology; Winter

Ant, Ladybug, Spider

598160 DV
IMJS 22 min 2009 Landmark Media
Animal Science Series - Graphics and
photography show each animal's
unique anatomical and behavioral
adaptations to their habitat and
survival in the wild. The first section of
this program, provides viewers a
detailed look at the chemical identity
of ants. Watching ants in their colony,
students see how ant pheromones
directly affect their behavior. The
second section details the defense
mechanisms of ladybug larvae and
adult ladybugs, including their bright
coloration, flying, and the bitter taste
to ward off predators. The third
section highlights the predatory
behavior of spiders using intricate
webs to trap food. Includes stand-
alone chapters. DVD Contains: 1
Disc.

Animals; Adaptation (Biology);
Ants; Ladybirds; Animal Behavior;
Spiders; Insects

Ant Lions and Ants: Predators and Prey

595620 DV
IMJ 12 min 2005 New Dimension
Media
*Big World of Insects, Spiders, and
Bugs Series* - Ant Lions hide under
the sand and make unique traps for
catching their prey - ants. Includes
characteristics of ants and roles of ant
workers. Contains: 1 Disc and
Teacher's guide jacket.

Ants; Insects; Predation (Biology)

Ants and Aphids: A Symbiotic Relationship

595619 DV
IMJ 12 min 2005 New Dimension
Media
*Big World of Insects, Spiders, and
Bugs Series* - Explores the unique
relationship that ants and aphids have
developed to their mutual benefit.
Includes the life cycle of the aphid.
Contains: 1 Disc and Teacher's guide
jacket.

Insects; Ants; Symbiosis; Aphids

Ants and Grasshoppers

042547 BD
PI 1992
3 Books: ANTICS! AN
ALPHABETICAL ANTHOLOGY/by
Cathi Hepworth - Ants hide in every
word of this alphabet book; THE
GRASSHOPPER AND THE ANTS/
retold by Margaret Wise Brown - The
happy-go-lucky grasshopper fiddles
the summer away, while the
industrious ants prepare for the
coming winter; ANT CITIES/written
and illustrated by Arthur Dorros -
Explains how ants live and work
together to build and maintain their
cities. 2 Puppets: 1 Ant and 1
Grasshopper, 4 figures (stages of the
ant's life cycle - eggs, larvae, pupa
and adult).

Life Cycles

Ants; Dorros, Arthur; Insects; Word Games; Grasshoppers; Alphabet; Brown Margaret Wise

Ants and How They Live

022190 VH
IMJ 18 min 1991 AIMS Multimedia
Life Science Series - Color photography and a homemade ant farm show how ants eat, communicate, nest, reproduce, and protect themselves. Workers, queens, larvae, and pupae are identified.

Insects; Ants

Appleachia

597753 DV
IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Explore the life of an apple tree and all the creatures who call it home throughout the year such as tent caterpillars, several varieties of moths, and woolly apple aphids to name a few. Add to that the thousands of visitors that drop by every day. Contains: 1 Disc.

Gardening; Insects; Ecosystems; Apples; Plants

Aquatic Insects

590520 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Shows how thousands of species of insect live have adapted for life in the world of water. Demonstrates how to make an aqua-scope to observe these insects and gives tips on collecting and keeping them. Teacher's guide included, also available at Libraryvideo.com.

Insects

Backyard Biodiversity

590861 VH
IMJ 15 min CA 2000 BioMedia Associates
Eye of the Cyclops Series - Closed-captioned. A microscopic research vessel investigates the hidden world. The micronauts discover that gardens support an amazing community of small life including herbivorous and predatory insects, pollinating insects, and giant earthworms. They tour a worm's innards while developing theories on the vital roles earthworms play in terrestrial ecosystems. Teacher's guide.

Worms; Insects; Microorganisms; Ecosystems

Backyard Bugs

022486 VH
P 12 min 1990 National Geographic Society
Reveals some of the multitude of tiny creatures living in a typical backyard and shows where they can be found; also distinguishes between insects and spiders. (595)

Spiders; Insects

Beautiful Butterflies

595734 DV
PIM 25 min 2004 Chip Taylor Communications
Natural and Physical Science - Level 1 Series - From butterfly myths in cultures around the world to their life cycles and role in the environment, this is a comprehensive show on butterflies. Key terms are explained and displayed and animated sequences supplement photos clarifying processes too small to see clearly. Contains: 1 Disc.

Insects; Butterflies

Bee Basics (Second Edition)

023002 VH
I 12 min 2002 Pyramid Film & Video
Life Science Series - A "bees-eye view" of one of nature's busiest insects. Offers students a glimpse into the social life and duties of these benevolent insects as they construct and protect their hive, raise their young, and gather and produce food. Teacher's guide jacket.

Bees; Ecology; Insects

Bees

590522 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Shows why bees are so busy and why we should appreciate them. Displays bees in their eggs, larval, and pupal stages. Shows how to make a bee's nest with plastic straws. Teacher's guide included, also available at Libraryvideo.com.

Bees; Insects

Beetles

590525 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. There are over 350,000 types of beetles. Revered by many cultures, beetles have a unique role as recycling agents for decaying matter. Includes directions to make a beetle habitat to observe the metamorphosis of mealworms to darkling beetles. Teacher's guide included, also available at Libraryvideo.com.

Insects

Beneficial Insect Specimen Kit

598376 KT
PIMJS 2010 Carolina Biological Supply Co.
Get a close look at insects that are helpful to humans. Contains: 10 insect specimens individually embedded in plastic blocks. Includes silkworm, dragonfly, dung beetle, praying mantis, honey bee, ladybug, diving beetle, tiger beetle, giant hornet, and blister beetle all in green case.

Insects

The Benefits of Insects

022485 VH
IJM 17 min 1990 National Geographic Society
Reveals some of the many ways in which plants and animals, including humans, depend on insects; discusses pollination, aeration and fertilization of the soil, and food chains. (O)

Insects; Food Chains (Ecology)

Berenstain Bears First Time Video Series

For descriptions see individual titles:
Berenstain Bears Save the Bees [590679]

Berenstain Bears Save the Bees

PI 15 min CA 1988
Berenstain Bears First Time Video Series - Closed-captioned. Brother and Sister Bear come to the rescue of the bees of Bear Country with the help of a friendly neighborhood skunk.
Bears - Fiction; Bees; Insects; Animals - Fiction

The Big Green Caterpillar (Third Edition)

023191 VH
PI 11 min 1994 Stanton Films
Scenes show egg hatching, caterpillar eating and moulting, spinning its cocoon and the adult insect emerging. Stimulates interest in learning about relationships of living things.
Caterpillars; Life Cycle; Insects

Big World of Insects, Spiders, and Bugs Series

For descriptions see individual titles:
Ant Lions and Ants: Predators and Prey [595620]
Ants and Aphids: A Symbiotic Relationship [595619]
Camouflage and Defense in the Insect World [595618]
Caterpillars, Butterflies, and Moths [595617]
Insect Adaptations for Water [595134]

Bill Nye the Science Guy Series

For descriptions see individual titles:
Insects [592979]
Life Cycles [591002]

Bio-Science Series

For descriptions see individual titles:
Chick Embryology [025467]

Biological Classification Series

For descriptions see individual titles:
Butterflies and Other Lepidopterans [596289]

Biology of Plants Series

For descriptions see individual titles:
How Seeds Get Here...And There [022951]

Life Cycles

Breakfast Eats

598421 DV
MJSA 100 min CA 2006 Action
Library Media Services
Good Eats With Alton Brown: Wooded by American Food Series - Closed-captioned. Alton Brown explores coffee, eggs, and pancakes. He tells why they are good, how to prepare them, and shares some great recipes. "True Brew I" titles: Wake Up to Roasting; Another Can of Beans; The Art of Brewing; Caffeine Effect; and Ask Alton. "The Egg (Files 1)" titles: Egg Grading; The Legacy of Over Easy Scrambled; Lemon Curd; Boiling; and Ask Alton. "Flap Jack Do It Again" titles: Pancake History; Zen Measures; Griddle Options; Lube, Flip, & Plate; and Ask Alton. DVD
Contains: 1 Disc.
Food; Cookery; Brown, Alton; Eggs

Bug City Series

For descriptions see individual titles:
Aquatic Insects [590520]
Bees [590522]
Beetles [590525]
Butterflies and Moths [590521]
Crickets, Grasshoppers, and Friends [590524]
Flies and Mosquitoes [590519]
House and Backyard Insects [590523]
Incredible Insects [590506]
Ladybugs and Fireflies [590518]
Really Gross Bug Stuff [590505]
Spiders and Scorpions [590517]

Bugs

045044 BB
P 40 p. 1987 Scholastic Inc.
Includes general information, jokes and brief descriptions of the physical characteristics, habits and natural environment of a variety of common insects. Authors: Nancy Winslow Parker and Joan Richards Wright. Illustrator: Nancy Winslow Parker, 1 Big Book, 30 Books. 1 Teachers Guide. Reading level 5.0, Interest level 1-4
Insects; Parker, Nancy Winslow

Bugs

020346 VH
PI 30 min CA 1988 Lancit Media Productions
Reading Rainbow Series - Closed-captioned. Includes general information, jokes, and brief descriptions of the physical characteristics, habits, and natural environment of a variety of common insects.

Children's Literature; Insects;
Books and Reading; Mathematics

Bugs

041456 KT
PI CA 1997 GPN Educational Media
Reading Rainbow Series - Closed-captioned. The integrated curriculum package provides tools and dozens of activities for students to continue to explore bugs through reading, writing, art, and experimentation. Contains 2 Books: BUGS/by Nancy Winslow Parker & Joan Richards Wright (Reading Rainbow book) - Includes general information, jokes, and brief descriptions of the physical characteristics, habits, and natural environment of a variety of common insects. DON'T SQUASH THAT BUG (with Endpaper quiz answer sheet)/by Natalie Rompella - Introduces young readers to the insect world, presenting fundamental information alongside interesting, little-known facts. Uses colorful photos, interesting sidebars, a helpful glossary, and tips for where to find bugs. 1 Curriculum guide; 1 Insect cage; 1 Large bug viewer; 3 Small bug viewers; 1 Spider; 1 VHS: Bugs (with LeVar Burton (30:00); in 1 Picnic basket.
Reading; Insects

Bugs! Bugs! Bugs!

597277 DV
NP 8 min CA 2008 Weston Woods
Closed-captioned. Animated. Collage images and verse bring everyone's favorite bugs such as butterflies, ladybugs, and grasshoppers to life sharing facts about their different diet, size, body features, those that sting and those that don't, and more. Author/Illustrator: Bob Barner. Contains: 1 Disc and In-case Teacher's guide.
Insects; Barner, Bob

Bugs Don't Bug Us

024796 VH
P 35 min 1991 Bo Peep Productions
Shows children interacting with insects. Includes a segment on the transformation of a caterpillar to a butterfly.
Insects; Butterflies; Spiders

Butterflies

022038 VH
PIMJS 15 min 1990 Pyramid Film & Video
This film uses colorful close-up and time-lapse photography to teach students about butterflies.
Insects; Butterflies

Butterflies and Moths

590521 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Explores interesting facts about butterflies and moths, explains their metamorphosis and shows how to tell them apart. Shows how to hatch butterflies. Teacher's guide included, also available at Libraryvideo.com.
Insects; Butterflies; Moths

Butterflies and Moths

042546 BD
PI 1993
6 Books: NORTH AMERICA'S FAVORITE BUTTERFLIES/by Patti & Milt Putnam - A pictorial guide of butterflies. GARDEN BUTTERFLIES OF NORTH AMERICA/by Rick Mikula - Color portfolio of 40 of North America's most treasured and colorful garden butterfly varieties. A PICTURE BOOK OF BUTTERFLIES AND MOTHS/by Joanne Mattern - Describes the appearance and behavior of a variety of butterflies and moths. THE VERY HUNGRY CATERPILLAR/by Eric Carle - Follows the progress of a hungry little caterpillar as he eats his way through a large quantity of food. THE BUTTERFLY HUNT/by Yoshi - A boy pursues and captures elusive butterflies, but changes his mind about carrying the beautiful insects home. AN INVITATION TO THE BUTTERFLY BALL/by Jane Yolen - Illustrated by Jane Briskin Zalben - All the invited animals, from one little mouse to ten porcupines, busily prepare to attend the Butterfly Ball. 1 Doll: Caterpillar/butterfly (reversible); 4-piece set of figurines (Painted Lady Butterfly life cycle stages: adult butterfly, chrysalis, larva, egg).
Insects; Moths; Butterflies;
Caterpillars

Butterflies and Other Lepidopterans

596289 DV
IMJS 9 min 2006 New Dimension Media
Biological Classification Series - Live-action footage depicts each stage of butterfly and moth metamorphosis, notes the characteristics of all Lepidopterans, and explores the effect of caterpillars on crops and other resources. Examples include a wide variety of butterflies and moths. Contains: 1 Disc and Teacher's guide jacket.
Moths; Insects; Classification, Scientific; Butterflies

Butterflies - CAT Kit

048009 CK
PIMJ CA 1997
Closed-captioned. A collection of 5 different videos on the butterfly. Includes: Butterflies; Butterfly and Moth; A First Film on Insects; Insect Metamorphosis; and The Monarch Butterfly Story.
Caterpillars; Monarch Butterfly;
Moths; Insects; Butterflies

Butterflies (English Version)

022742 VH
PI 30 min 1992 New York State Education Department
Science! Series - Looks at the life cycle of butterflies. Consists of 4 modules: Changes; Butterfly Life; Camouflage; and A Field Trip. Teacher's guide.

Life Cycles

Insects; Butterflies

Butterfly and Moth

025350 VH
PIMJS 35 min CA 1996 Dorling
Kindersley Education
Eyewitness Series - Closed-captioned.
See the transformation from caterpillar
to adult and learn many unusual facts
about these delicate insects.

Caterpillars; Butterflies; Insects;
Moths

Butterfly Basics (Second Edition)

594162 VH
PI 16 min 2002 Pyramid Film &
Video
Life Science Series - Butterflies fill an
important niche in the world's
ecosystem. Explore the life cycle of
the zebra longwing butterfly. Teacher's
guide jacket.

Butterflies; Insects

A Butterfly is Born

594528 BB
P 16 p. 1993 Newbridge
Educational Publishing
Early Science Series - Discover the
butterfly's life cycle from egg to
caterpillar to pupa to butterfly with
vivid photography of a Monarch
butterfly. Set includes small books at
three different reading levels for
differentiated learning. Author: Melvin
Berger. Contains: 1 Big Book; 42
Books (30 small books on grade level
- GRL G, 6 below level - GRL E, 6
above level - GRL H); 1 Smart Word
Vocabulary card; 1 Audio cassette; 1
Teacher's guide; 8 Photo cards.

Insects; Butterflies; Berger, Melvin

Camouflage and Defense in the Insect World

595618 DV
IMJ 12 min 2005 New Dimension
Media
*Big World of Insects, Spiders, and
Bugs Series* - Shows different
methods of camouflage and defense
by insects including color schemes,
imitation of leaves or twigs, bright
warning colors, and impersonation.
Contains: 1 Disc and Teacher's guide
jacket.

Adaptation (Biology); Insects

The Carrot Seed

040202 BB
P 24 p. 1989 Scholastic Inc.
The patient little boy tends his carrot
seed and one day gets a wonderful
surprise. Author: Ruth Kraus.
Illustrator: Crockett Johnson. 1 Big
Book, 30 Books, Teacher's Guide, 1
Audio cassette. Reading level 1,
Interest level K-3

Growth - Fiction; Seeds

Caterpillar

013841 MP
PIMJSA 14 min 1971
An animated story about a caterpillar
that dances to the sound of music.
Caterpillars; Butterflies

Caterpillars, Butterflies, and Moths

595617 DV
IMJ 12 min 2005 New Dimension
Media
*Big World of Insects, Spiders, and
Bugs Series* - Shows a variety of
caterpillars with their adaptations for
defense. See the amazing
metamorphosis to a butterfly by a
"Red Admiral". Discover butterfly and
moth features. Contains: 1 Disc and
Teacher's guide jacket.

Insects; Moths; Butterflies

Chick Embryology

025467 VH
IMJS 12 min 1974 National
Geographic Society
Bio-Science Series - Through a
"window" cut in an eggshell, students
will follow the miraculous development
of a chick embryo.

Chickens; Eggs

Chick Life Cycle

598275 KT
PI 2010 Carolina Biological Supply
Co.
Observe the twenty-one day life cycle
from egg to chick. Includes 21 plastic
eggs with realistic illustration of the
developing chick inside; Sorting tray;
and Activity guide.

Eggs; Chickens; Life Cycle

Chickens Aren't the Only Ones

020343 VH, DV
P 30 min CA 1984 Lancit Media
Productions
Reading Rainbow Series - Closed-
captioned. Host LeVar Burton visits a
chicken farm and sees how baby
chicks are kept safe until hatched. He
also sees loggerhead turtles lay and
bury their eggs in the sand. Teacher's
guide. Author: Ruth Heller. Narrated
by Georgia Engel. DVD Contains: 1
Disc.

Heller, Ruth; Chickens; Literature;
Eggs; Books and Reading

Chickens Aren't the Only Ones

042623 BD
P 2000 Lakeshore Learning
Materials
Science Concept Activity Kits Series -
1 Book: CHICKENS AREN'T THE
ONLY ONES/by Ruth Heller. Children
learn about all kinds of animals that
hatch from eggs. 3 Soft Sculpture
Eggs, 3 Stuffed Baby Animals (chick,
turtle, dinosaur), and 1 Activity guide.

Eggs; Chickens; Heller, Ruth

Chickens Aren't the Only Ones

045081 BB
P 48 p. 1981 Scholastic Inc.
Children learn about all kinds of
animals that hatch from eggs. Author:
Ruth Heller. 1 Big Book, 30 Books, 1
Teacher's guide, 1 Audio cassette.
Reading level 3.6, Interest level K-3
Chickens; Eggs; Heller, Ruth

The Cicada

022110 VH
PI 11 min 1986 Video Japonika
Animal Families Series - Provides
factual information about the diet,
growth, appearance, and behavior of
cicadas.

Insects; Cicada

Cousteau: The Green Sea Turtle

023607 VH
PIMJS 21 min 1994 Churchill Films
*Undersea World of Jacques Cousteau
Series* - Traces the life cycle of green
sea turtles and explores what
motivates its yearly journey to the
shores of Europe.

Turtles; Life Cycle; Cousteau,
Jacques

Creepy, Crawly Creatures in Your Backyard

024449 VH
P 16 min CA 1996 National
Geographic Society
Unlovable Series - Closed-captioned.
Discover the important services
insects perform...from tilling the soil to
controlling dangerous pests.

Bees; Earthworms; Insects

Cricket Science Unit

595664 KT
IMJS 1995 Educational Innovations
Inc.
Contains a variety of lessons to help
students learn about crickets. Conduct
scientific research by counting the
number of chirps per minute to
variables such as elevation
temperature, and seasons. Contains:
1 Wooden Percussion Cricket
instrument with stick and instruction
sheet; 2 VHS (Chirping Crickets for
the Classroom: A Video Adventure on
the Life of Crickets - 25:00 and The
Chirping Tree Cricket - 4:00); 1 Audio
cassette with guide (Myths and
Science of Cricket Chirps - 15:00);
and 1 How to Use Audio and Video
Programs instruction sheet.

Crickets; Scientific Method; Insects

Life Cycles

Crickets, Grasshoppers, and Friends

590524 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Reveals the jumping, chirping, and camouflaging skills of crickets, grasshoppers, and katydids as well as related insects like praying mantis, and the walking stick. Shows how to keep crickets as pets. Teacher's guide included, also available at Libraryvideo.com.

Grasshoppers; Crickets; Insects

Dandelion

023022 VH
PI 10 min 1990 Greatest Tales, Inc
How Plants Grow Series - Time-lapse photography gives students a close-up look at the life cycle of the dandelion plant. Its new growth in spring produces clusters of flowers that attract insects that pollinate the plant. Later in summer, a white puff with new seeds develop and the seeds scatter in the wind keeping the dandelion coming back every year. Teacher's guide jacket.

Plants; Insect-Plant Relationships; Seeds

Dragonfly

594936 VH
PIMJ 10 min 1990 Lucerne Media
Nature Watch Digest Series - Remarkable footage reveals each stage in the dragonfly's life. Teacher's guide.

Insects

Early Science Series

For descriptions see individual titles:
A Butterfly is Born [594528]
Seeds Get Around [045068]
What is a Cycle [594518]

Ecology

592955 KT, DV, DM
IMJ 80 min CA 2003 Visual Learning Company
Life Science - Ecology Series - Closed-captioned. A four lesson unit on ecology for middle school students. Each lesson contains video footage, extensive teacher's guide, and student activity and assessment masters. Kit contains 4 VHS (The Biosphere, Ecosystem Dynamics, Natural Cycles, and People and the Environment - 20:00 each.) DVD set contains 4 DVDs (guides are on the DVDs) and includes iMovie project allowing students to create movies.

Life Cycle; Ecosystems; Conservation of Natural Resources; Water Cycle; Environment; Ecology

Eggs 101

597083 DV
MJS 28 min 2008 PBS 39 Fort Wayne, Indiana
Teens present a video project on egg production in the United States. Includes information about hens and a history of egg production. They visit animal research experts and an egg farm. Learn how and why the industry has changed. Contains: 1 DVD and Teacher's guide.

Farms; Food; Agriculture; Eggs

Exploring Streams

024578 VH
PI 16 min 1994 Centre Productions
Observing Living Things Series - The stream environment features beavers, insects, birds, and turtles.

Ecosystems; Pond Ecology; Insects; Beavers; Turtles

Eye of the Cyclops Series

For descriptions see individual titles:
Backyard Biodiversity [590861]

Eyewitness Series

For descriptions see individual titles:
Butterfly and Moth [025350]
Insect [024256]

The Face

026823 VH
PI 22 min 1999 New Dimension Media
A storyteller tells children that his wonderful mask will go to whoever does the best with the seeds he gives each of them. Jacob learns about honesty and doing one's best as he strives to win the magical mask. Inspired by the traditional tale "The Magic Seed". Study guide.

Seeds; Honesty; Seeds - Fiction; Folklore

The Fall of Freddie the Leaf

023572 VH
PIMJS 17 min 1986 Bernard Wilets Productions
An allegory of Freddie, a handsome leaf, who celebrates life's journey from birth in spring to death in winter. Stimulates discussion about life and the mysteries of death. From the book by Leo Buscaglia.

Death; Life Cycle; Death - Fiction; Seasons - Fiction

Farm to Market Series

For descriptions see individual titles:
Poultry and Eggs [594290]

Fascinating World of Butterflies

590800 VH
PI 20 min 2001 Landmark Media
Video of the butterfly life cycle including caterpillar and chrysalid stages. Includes demonstrations of butterfly body parts and life styles. Visit a butterfly exhibit.

Butterflies; Insects

The Firefly

022109 VH
PI 11 min 1986 Video Japonika
Animal Families Series - Provides factual information about the diet, growth, appearance, and behavior of fireflies. (595.76)

Fireflies; Insects

First Film on Insects (Second Edition)

022646 VH
PI 12 min 2002 Phoenix Learning Group
Using close-ups of common and unusual insects, students see the details of insect anatomy and behavior. Reveals how to recognize insects, teaches the structure and the function of their body parts, and introduces the harmful and useful qualities of insects.

Insects

First the Egg

597869 DV
NP 5 min CA 2009 Weston Woods
Closed-captioned. Animated. A book about transformations from egg to chicken, seed to flower, tadpole to frog, and word to story. Narrated by Elle Fanning. Includes Read-along option. Contains: 1 Disc and Teacher's guide jacket.

Growth; Life Cycle; Caldecott Honor Book; Seeger, Laura Vaccaro

First Time Science Series

For descriptions see individual titles:
All About Seeds [023505]
Look - a Butterfly [023511]

Flies and Mosquitoes

590519 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Shows information on the biting habits of mosquitoes. Tells that flies have only two wings and explains their four-stage metamorphosis. Demonstrates how to make a fruit-fly trap and how to raise them. Teacher's guide included, also available at Libraryvideo.com.

Insects

Four Seasons Series

For descriptions see individual titles:
Spring [024918]

Life Cycles

Frog/Butterfly

598168 DV
PI 16 min 2007 Landmark Media
Animals A-Z Series - Presents basic information about each of these animals shown in their natural settings. Frogs belong to the amphibian family. They are champions in the water and at jumping which is very important for catching flying insects for food. Butterflies are very colorful, and sometimes their wings have patterns on them that resemble eyes of birds. This helps scare away predators such as birds and spiders. Butterflies have a straw-like mouth that makes it easy to suck the nectar from flowers. Includes stand-alone chapters. DVD Contains: 1 Disc.

Amphibians; Insects; Frogs;
Animals; Animal Behavior;
Butterflies

From Caterpillar to Butterfly

042613 BD
P 1996
1 Book: FROM CATERPILLAR TO BUTTERFLY/by Deborah Heiligman - A "Let's Read and Find Out" book. Each day the children in the classroom watch as the caterpillar in the jar eats and grows, shedding its skin several times until it disappears inside a shell that it creates. One day the chrysalis breaks open and a beautiful Painted Lady butterfly flies out of the jar. 1 Doll: Caterpillar/butterfly (reversible); 4-piece set of figurines (Painted Lady Butterfly life cycle stages: adult butterfly, chrysalis, larva, egg).

Metamorphosis; Caterpillars; Life Cycle; Butterflies; Insects

From Tadpole to Frog

042612 BD
P 1994
1 Book: FROM TADPOLE TO FROG/by Wendy Pfeffer. A "Let's Read and Find Out" science book explains the metamorphosis process and the puppet demonstrates. 1 Doll: Tadpole to Frog.

Frogs; Pfeffer, Wendy; Amphibians;
Life Cycle

Good Eats With Alton Brown: Wooded by American Food Series

For descriptions see individual titles: Breakfast Eats [598421]

Grasshopper and Cricket

595718 DV
PI 30 min CA 2004 Chip Taylor Communications
Closed-captioned. Bug Boy and his side-kick, a girl named after a different unpleasant bug in each episode, visit an imaginary land to solve mysteries about a grasshopper and a cricket. Giant bug puppets and jokes help students learn interesting facts about these insects. Contains: 1 Disc.

Crickets; Grasshoppers; Insects

Grasshopper Dissection Explained

022712 VH
MJS 26 min 1987 Bergwall Productions, Inc
Explains reasons for and process of grasshopper dissection. Teacher's guide.

Anatomy - Comparative; Insects;
Dissection; Grasshopper -
Dissection

Green and Growing

024732 VH
P 15 min 1996 Two Can Publishing Ltd
Play and Discover Series - The Monster Gang boards the magic toy box to see plants around the world.

Seeds; Plants

The Grouchy Ladybug

042647 BD
P 2000 Childcraft Education Corp
1 Book: THE GROUCHY LADYBUG/by Eric Carle. A grouchy ladybug challenges everyone she meets to a fight, regardless of their size or strength. 1 Puppet: Ladybug; 1 cloth sack; 4 figures (stages of the ladybug's life cycle - eggs, larvae, pupa and adult); and 1 Teacher's guide.

Children's Literature; Carle, Eric;
Insects; Time

Growing

023707 VH
PI 15 min 1994 Central Television
Stage One Science Series - Looks at how plants grow and how they are pollinated to produce more plants.

Seeds; Plants; Growth (Plants);
Pollination

Growing Things

024040 VH
PI 10 min 1994 Films for the Humanities
Take a Look 1 Series - Find out how some plants grow without seeds, springing from rhizomes, runners, and bulbs. See some unusual ways that seeds travel to new places, learn how to grow an avocado plant from a seed.

Plants; Seeds; Flowers

Harmful Insect Specimen Kit

598375 KT
PIMJS 2010 Carolina Biological Supply Co.
Get a close look at insects that may cause harm to humans and their crops. Contains: 10 insect specimens individually embedded in plastic blocks. Includes cockroach, bamboo weevil, grasshopper, antler horned beetle, longhorned beetle, stag beetle, mole cricket, chafer beetle, onion fly, and shield bug, all in green case.

Insects

Harold and His Amazing Green Plants

020573 VH
P 8 min 1985 Walt Disney
A basic botany lesson to give students a better understanding of the importance of the green plant as a food source. Film follows the life cycle of a green plant from its start as a seed to its maturity as a fruit-bearing plant. Animated.

Life Cycle; Plants

Hello Science Reader - Level I Series

For descriptions see individual titles: I'm a Seed [045049]

Honeybee/Insects

042545 BD
PI 1991
5 Books: THE LIFE CYCLE OF THE HONEYBEE/by Paula Z. Hogan - Describes, in simple terms, the honeybee's life cycle. A PICTURE BOOK OF INSECTS/by Joanne Mattern - Briefly introduces commonly known insects including bees, ants, butterflies, and houseflies. THE GIANT JAM SANDWICH/story and pictures by John Vernon Lord - When the town of Itching Down is invaded by wasps, the townspeople must figure out how to deal with the problem. BLOOD-FEEDING BUGS AND BEASTS/by L. Patricia Kite - Presents information about such creatures as lice, fleas, ticks, flies, and vampire bats. GRAN'S BEES/by Mary Thompson - On a visit to her grandmother's farm, Jessie discovers the secrets of beekeeping that will allow her to carry on her grandmother's work. 1 Doll: Honey Bee.

Insects; Insects - Fiction; Bees

Honeybees

597547 DV
IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Explores the life of the honeybee, their flight patterns and sophisticated navigation to gather and locate pollen, their role in a garden, communication abilities, and much more. Contains: 1 Disc.

Insects; Bees

House and Backyard Insects

590523 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Describes the habits of many common bugs and how they affect humans. Ways to cockroach-proof your house are discussed. Shows a technique to find small insects for study in your backyard. Teacher's guide included, also available at Libraryvideo.com.

Insects

Life Cycles

How a Seed Grows

591371 BD
NP 1992 Childcraft Education Corp
Let's Read and Find Out Science Series - 1 Book: HOW A SEED GROWS/by Helene J. Jordan. Uses observations of bean seeds to demonstrate the growth of seeds to plants, soft sculptures show four stages of a bean plant. 1 Drawstring bag; 4 Soft sculpture potted plants; 1 Teacher's guide.

Seeds; Children's Literature;
Jordan, Helene J.; Plants

How Insects See

597705 KT
PI 2000 Delta Education Inc
Experience the ways that insects see the world through their compound eyes. This set of viewers contain three different types of compound lenses - Ocelli, Elongated, and Ommatidium that demonstrate insect eyes and how they function. Contains: 10 Interchangeable lens units (each includes viewing tube, retainer ring, and three lenses); 2 Teacher instruction cards.

Eye; Insects; Sight

How Plants Grow Series

For descriptions see individual titles:
Dandelion [023022]
Morning Glory [023017]
Rice [023021]
Sunflower [023019]

How Seeds Get Here...And There

022951 VH
P 16 min 2003 Missouri Botanical Gardens
Biology of Plants Series - As a part of their study of seed dispersal, children experiment with wind-blown seeds. Teacher's guide.

Plants; Seeds

Human Body for Children Series

For descriptions see individual titles:
All About the Human Life Cycle [591076]

I Can Read About Insects

040088 MB
P 43 p. 1977
28 Books; 1 Audio Cassette. Insects come in all shapes, forms, and sizes. All play an important role in the balance of nature. Author: Deborah Merriams. Illustrator: Norman Nodel.

Insects; Merriams, Deborah

I'm a Caterpillar

045058 BB
P 32 p. 2000 Scholastic Inc.
Provides a simple explanation of what happens as a caterpillar changes to a butterfly - from the caterpillar's point of view. Author: Jean Marzollo.
Contains: 1 Big Book, 30 Books, 1 Teacher's guide. Reading level 1, Interest level P-1

Butterflies; Marzollo, Jean;
Butterflies - Fiction

I'm a Seed

045049 BB
P 32 p. 1996 Scholastic Inc.
Hello Science Reader - Level I Series - Two newly planted seeds discuss the changes that take place as they grow. One knows it will be a marigold, the other becomes a pumpkin vine with 5 baby pumpkins. Author: Jean Marzollo. Illustrator: Judith Moffatt. 1 Big Book, 30 Books, 1 Teacher's Guide. Reading level 1, Interest level P-1

Flowers; Pumpkins; Seeds

Incredible Insects

590506 VH
PI 25 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Learn about the incredible lives of insects from their simple beginnings as eggs to their miraculous metamorphosis into adults.

Science; Insects

The Incredible Journey of the Butterflies

598245 DV
MJS 56 min CA 2008 PBS Distribution
Nova Series - Closed-captioned. Follows the incredible journey by the Monarch butterflies across North America to the remote area in the mountains of Mexico each year. DVD
Contains: 1 Disc, In-case Teacher's guide.

Butterflies; Life Cycle; Insects;
Migration; Metamorphosis;
Caterpillars

Incredible World of Insects

591141 VH
IMJ 27 min 2001 Rainbow Educational Video
Insects are one of the most successful creatures on Earth. Identifies insect features and habits and introduces some of the world's most remarkable insects. Teacher's guide.

Insects

Insect

024256 VH
PIMJS 35 min CA 1994 Dorling Kindersley Education
Eyewitness Series - Closed-captioned. Examine the wonders of the insect world through macrophotography and 3-D graphics.

Insects

Insect Adaptations for Water

595134 DV
IMJ 12 min 2005 New Dimension Media
Big World of Insects, Spiders, and Bugs Series - Water striders, stick insects, and whirligigs are three examples of insects that have developed unique adaptations for life in and on the water. Teacher's guide jacket.

Insects; Adaptation (Biology)

Insect Disguises

024182 VH
IMJS 15 min 1993 TV Ontario
World of Nature Series - Insects found in rain forests show how an effective disguise can help ward off predators and attract "dinner". These tiny creatures make use of color, shape, and movement to camouflage themselves.

Camouflage (Biology); Ecology;
Insects; Rain Forests

Insects

594568 KT
PIMJS 2004 Museum Tour
A collection of nine non-endangered specimens gathered in Thailand at the end of their natural life cycle, mounted in a case, and labeled with scientific names.

Insects

Insects

593585 VH
P 15 min CA 2000 100% Educational Video
Understanding Animals Series - Closed-captioned. Students discover what characteristics make insects different from all other animals. Learn that there are more insects than any other kind of animal on Earth. Watch the ways that special body parts help insects meet their needs for food, water, air, and shelter. Teacher's guide jacket.

Insects

Insects

592979 DV
I 26 min CA 2003 Disney Educational Productions
Bill Nye the Science Guy Series - Closed-captioned. Bill Nye explores the mysterious world of insects and talks to special guest Queen Latifah, who's abuzz about her other favorite queens...bees. Includes interactive quizzes, glossary, chapter search with National Science standards and bonus footage. Contains: 1 Disc.

Insects; Bees; Metamorphosis

Life Cycles

Insects

021490 VH
PIMJS 12 min 1979 National Geographic Society
Describes the characteristics of insects and records the drama of metamorphosis and the flurry of activity inside a beehive.

Bees; Insects

Insects

045076 BB
P 16 p. 1999 National Geographic Society

The book describes the main characteristics of insects; categorizes "bugs" into insects and non-insects; discusses the body parts; identifies how some insects protect themselves with camouflage. Guide includes worksheets. Author: Robin Bernard. 1 Big Book, 30 Books, 1 Teacher's guide. Reading level 3, Interest level K-3

Insects; Bernard, Robin

Insects

024044 VH
PI 10 min 1994 Films for the Humanities

Take a Look 1 Series - While visiting a bee-keeping farm, Kate and Jeffrey see how honey is made and identify the three kinds of bees in the hive. Children demonstrate how to catch and study insects.

Insects; Bees

Insects and Other Arthropods

026938 VH
IMJ 23 min CA 1999 Schlessinger Video Productions

Animal Life in Action Series - Closed-captioned. Explores three groups within arthropods - spiders, insects, and crustaceans. Discover their characteristics and differences. Experiment with pill bugs to determine their preferred environment. Teacher's guide.

Crustacea; Insects; Arthropoda; Entomology; Spiders

Insects and Other Minibeasts Kit

041313 KT
IP 2000 Dorling Kindersley Education *Amazing Worlds Series* - Contents: 16 copies - Amazing Worlds Insects and Other Minibeasts Magazine; 5 copies each - AMAZING INSECTS/by Laurence Mound; AMAZING BEETLES/by John Still; AMAZING SPIDERS/by Alexandria Parsons; 4 copies each - AMAZING BUTTERFLIES AND MOTHS/by John Still; 1 copy - BUTTERFLY BOOK. 1 Wall Chart; 1 Package Project Planner Cards; 1 Package of Help Cards; 1 Teacher's Guide. Projects contained in this kit describe how to collect, observe, and identify insects. Includes habitats and eating habits.

Butterflies; Spiders; Insects

Insects and Spiders

594507 CD
PI 29 min 1999 Museum Tour
Twin Sisters: The Science Series - Learn about insects, spiders, and other arthropods by singing along with these 12 informative songs. Includes "What is an Insect", "Pass the Honey, Please", "True Bugs", and more. Contains: 1 Compact Disc and in-case song book.

Spiders; Insects

Insects and Spiders

023872 VH
P 30 min CA 1993 Sony Wonder
See How They Grow Series - Closed-captioned. Narrated from each creature's point of view, live-action photography charts their growth from infancy to young adulthood.

Insects; Ladybirds; Grasshoppers; Spiders; Butterflies

Insects and Spiders Discovery Kit

590659 KT
NP 2001 Delta Education Inc
Pre-Kindergarten Discovery Kit Series - Multi-disciplinary kits for young children. Hands-on exploration for a thematic unit on insects and spiders. Contents: 1 Discovery guide; 2 Plush Finger puppets (bee, ladybug); 1 Pattern sheet; 1 Poster; 1 Sponge set (8); Insects (6 large and 6 small pencil topper finger puppets); 2 Inflatable insects (spider, ant); in plastic bin.

Spiders; Insects

Insects: Body Structure

022606 VH
IMJS 16 min 1987 Sandler Films
World of Insects Series - Describes the 3 body parts (head, thorax, and abdomen) and the wings and six legs which usually distinguish insects from other small animals. Also, describes the functions of body parts and how insects lay eggs to reproduce in great numbers.

Entomology; Insects

Insects - CAT Kit

048001 CK
PI 2001
A collection of 10 different programs offers a look at different kinds of insects. Includes: Ants and How They Live; Butterflies (English Version); Incredible World of Insects; Insects; Insects: Body Structure; Insects: Defenses Against Enemies; Look - A Butterfly; Nature's Builders; Spiders and How They Live; and The Wonderful World of the Butterfly.

Entomology; Insects; Bees; Ants; Spiders; Camouflage (Biology); Butterflies

Insects Specimen Set

593770 KT
PIMJ 2004 Lakeshore Learning Materials
Explore insects with four actual specimens encased in acrylic blocks. Contains: 4 specimens (butterfly, rose chafer, praying mantis, and long-horned beetle); 2-piece wooden case; guide.

Insects

Introducing Insects

592291 VH
I 20 min CA 2002 Berlet Films and Video

Closed-captioned. Reveals some of the beauty of insects as well as their life cycles, habitats, and inter-relations with other species. Teacher's guide.

Insects

It's Pumpkin Time

045050 BB
P 40 p. 1994 Scholastic Inc.
A sister and brother plant a pumpkin patch for Halloween. Author: Zoe Hall. Illustrator: Shari Halpern. 1 Big Book, 30 Books, 1 Audio cassette, 1 Teacher's Guide. Reading level 1, Interest level P-2
Hall, Zoe; Seeds; Halloween; Pumpkins

Kids in the Garden: Seeds

597371 DV
PI 6 min CA 2008 Film Ideas Inc
Kids in the Garden Series - Closed-captioned. Explains what seeds are, how they spread, how they develop into plants, and their importance in keeping our world green. Includes a segment on growing edible sprouts. Contains: 1 Disc and In-case Instructional guide.

Gardening; Seeds; Plants

Kids in the Garden Series

For descriptions see individual titles: Kids in the Garden: Seeds [597371]

Ladybugs and Fireflies

590518 VH
PI 23 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Explores two of the most popular insects. The ladybug provides pest control and the firefly is a beetle that can produce its own light source. Dr. Art conducts an experiment to replicate the bursts of light produced by fireflies. Teacher's guide included, also available at Libraryvideo.com.

Fireflies; Insects; Ladybirds

Learning About Plants Series

For descriptions see individual titles: Seeds, Seeds, Seeds [026482]

Let's Read and Find Out Science Series

For descriptions see individual titles: How a Seed Grows [591371]

Life Cycles

Life Cycle of a Frog

596806 DV

I 11 min 2004 Teacher's Media Co. Illustrates the life cycle of the frog, step-by-step. Also covers the differences between frogs and toads, frog defense, food needs, croaking, and other features of frogs. Contains: 1 Disc.

Amphibians; Life Cycle; Frogs

The Life Cycle of Plants

021369 VH

MJS 28 min 1989 Films for the Humanities

Life of Plants Series - The life cycle of the plant is covered as well as the reproduction and death of these plants.

Plants; Life Cycle; Growth (Plants)

Life Cycle of the Honeybee

020341 VH, DV

P 30 min CA 1987 Lancit Media Productions

Reading Rainbow Series - Closed-captioned. Shows the organization and specialization of the honeybee, including views of the new hive and the various activities of the workers, foragers, queen, and young bees. Host LeVar Burton meets with beekeepers to see an established beehive, how honey is removed from the comb, and starting a new hive. Teacher's guide. Author: Paula Z. Hogan. DVD Contains: 1 Disc.

Life Cycle; Insects; Bees

Life Cycle Specimen Set (Silkworm)

593768 KT

PIMJ 2004 Lakeshore Learning Materials

Explore the development of a silkworm moth with four real specimens. Contains: 4 specimens in separate acrylic blocks (silkworm moth eggs, silkworm, cocoon, and moth); 1 acrylic block encasing all 4 specimens; 2-piece wooden case; and 2 guides.

Moths; Life Cycle; Insects

Life Cycles

597229 VH, DV, DM

I 14 min CA 2008 Visual Learning Company

Closed-captioned. Looks at the life cycles of living organisms, specifically plants and animals, illustrating how things change as their lives progress. Contains: 1 Disc, both DVD and VHS contain Teacher's guide folder.

Plants; Animals; Life Cycle

Life Cycles

I 26 min CA 1999 Disney Educational Productions

Bill Nye the Science Guy Series - Closed-captioned. Uses comedy and experiments to explore life cycles in animals and plants. Teacher's guide.

Life Cycle

Life in a Lawn

597755 DV

IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Explore the grass growing, grubs and moles underneath, insects and animals living in the yard such as skunks and racoons, and learn how they all interact. Contains: 1 Disc.

Gardening; Insects; Ecosystems

Life of Plants Series

For descriptions see individual titles:
The Life Cycle of Plants [021369]

Life Science - Ecology Series

For descriptions see individual titles:
Ecology [592955]

Life Science Series

For descriptions see individual titles:
Ants and How They Live [022190]

Bee Basics (Second Edition)
[023002]

Butterfly Basics (Second Edition)
[594162]

Seeds in Motion (Second Edition)
[594161]

Living Things We Love to Hate

594615 DV

MJS 46 min CA 2003 Bullfrog Films
Closed-captioned. Spiders, snakes, slugs, bats, and other creatures many people dislike are examined to explore the roots of our cultural attitudes and replace our revulsion with ecological understanding and awe. Contains: 1 Disc.

Snakes; Insects; Adaptation (Biology); Animals; Spiders

Look - a Butterfly

023511 VH

P 8 min 1993 Troll Associates

First Time Science Series - A bumpy, hairy caterpillar crawls out of the egg. But someday that funny little creature will become a beautiful butterfly.

Butterflies; Insects

Magic School Bus: Bugs, Bugs, Bugs

597059 DV

PI 82 min CA 2002 Library Video Company

Magic School Bus Series - Closed-captioned. Animated. Three Magic School Bus adventures: Gets Ants in Its Pants - The class takes the Magic School Bus to explore an underground ant community; In a Beehive - Ms Frizzle and the class travel into a beehive to learn about bees and honey; Butterfly and the Bog Beast - Ms Frizzle learns the exciting identity of a caterpillar. Chaptered with buggy bonus features. Contains: 1 Disc.

Butterflies; Insects; Ants; Bees

Magic School Bus Goes to Seed

024607 VH

PI 30 min CA 1995 Scholastic Inc. Closed-captioned. Ms. Frizzle shrinks the bus to the size of a ladybug and takes the class off to look at a seed and plant.

Seeds; Plants

Magic School Bus Series

For descriptions see individual titles:
Magic School Bus: Bugs, Bugs, Bugs [597059]

The Monarch - a Butterfly Beyond Borders

025546 VH

IMJS 47 min 1997 Asterick Productions

Documents the Monarch Butterfly as it migrates from Canada to Mexico revealing new discoveries and more puzzles about its habits. Teacher's guide.

Insects; Monarch Butterfly; Butterflies

Monarch and Milkweed

597874 DV

PI 16 min 2008 Sebco Books
Iconographic. Explores a year in the life of a monarch butterfly from hatching to metamorphosis to a butterfly to migration in spring and fall. Includes a conversation with, and narrated by, the author. Contains: 1 Disc and Teacher's guide jacket.

Frost, Helen; Metamorphosis; Butterflies; Insects; Life Cycle; Caterpillars

Monarch Butterfly

596426 BD

P 1989 National School Products

1 Book: MONARCH BUTTERFLY/by Gail Gibbons. Explore the Monarch butterfly's life cycle, migration, and physical characteristics. Includes instructions on how to raise a butterfly. 1 Puppet: Caterpillar to Butterfly. Reading Level 3, Interest Level K-3

Butterflies; Metamorphosis; Insects; Caterpillars; Life Cycle

Monarch Butterfly: Milkweed to Mexico

024179 VH

IMJS 15 min 1993 TV Ontario

World of Nature Series - Follow the Monarch Butterfly from the milkweed plants in Ontario where it lays its eggs, to the Mexican forests where it sleeps through winter.

Monarch Butterfly; Insects; Butterflies; Metamorphosis

Life Cycles

The Monarch Butterfly Story

022316 VH
PIMJS 11 min 1987 Encyclopedia Britannica
Examines the migratory habits of the magnificent Monarch and the stages of its life cycle: egg, larva, chrysalis, and imago. Inspects the hatching and molting of the larva, the spinning of the cocoon, and the emerging of an adult butterfly.

Butterflies; Insects; Monarch Butterfly

Morning Glory

023017 VH
PI 10 min 1990 Greatest Tales, Inc
How Plants Grow Series - Time-lapse photography gives students a close-up view of the life cycle of the morning glory. Roots, leaves, flowers, and seed pods are shown as the morning glory grows from seeds, matures, and then dies. The seeds that drop from the dry pod create new plants that emerge next year to begin the process again. Teacher's guide jacket.

Flowers; Seeds; Plants

The Most Wonderful Egg in the World

042621 BD
P 1983 Book Props
1 Book: THE MOST WONDERFUL EGG IN THE WORLD/by Helme Heine. To settle a quarrel between three hens, the king must choose which one lays the most beautiful eggs. 3 Felt chicken puppets, 3 eggs (large, small, square) 3 crowns, 1 Storyteller crown.

Children's Literature; Chickens - Fiction; Eggs; Heine, Helme

Munch, Munch, Munch

045052 BB
P 16 p. 1993 Wright Group
A song about how a caterpillar becomes a butterfly. Music and lyrics: Norm L. Gentner. Illustrator: Joe Veno. 1 Big Book, 30 Books, 1 Audio cassette.

Gentner, Norma L.; Caterpillars; Insects; Butterflies

Mystery of the Disappearing Honey Bees: Fusion of Form and Function

598143 DV
JS 30 min CA 2009 New Dimension Media
Nature Science Education Series - Closed-captioned. Explores the ecological mystery of the disappearing honeybees. Join researchers as they scramble to discover the cause and stop the spread of the epidemic. Teaching Segments: Disappearing Honeybees; Honeybee Form and Function; Pollination by Honeybees; Bee Diseases; and Human Pollinators. DVD Contains: 1 Disc, Teacher's guide jacket.

Diseases; Insects; Honeybee; Bees

Mystery Seeds

595435 BB
NP 16 p. 2005 Abrams & Company
What will the mystery seeds grow into? Observe the parts of plants and learn what plants need to grow. Children's drawings illustrate the data recording processing. Author: Christopher Raymond. 1 Big Book; 30 Books; 1 Teacher's guide; 1 Ten piece velcro-attached sunflower parts; and 4 Mystery Seed match-up cards (back cover on Big Book).

Seeds; Plants

Natural and Physical Science - Level 1 Series

For descriptions see individual titles:
Beautiful Butterflies [595734]

Nature Science Education Series

For descriptions see individual titles:
Mystery of the Disappearing Honey Bees: Fusion of Form and Function [598143]

Nature Watch Digest Series

For descriptions see individual titles:
Dragonfly [594936]
Paper Wasp [594938]
Praying Mantis [594937]

Nature's Builders

022198 VH
PI 9 min 2000 AIMS Multimedia
Shows Bottle Swallows, a Golden Orb spider, and a caterpillar using their building instincts to construct a nest for reproduction, a web for capturing food, and a cocoon for protection. The metamorphosis of the caterpillar as a moth is shown.

Insects; Ecology; Birds

Nightlife

597764 DV
IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Explore the affect of the creatures of the night on life in the garden. See fireflies, toads, earwigs, and slugs. Contains: 1 Disc.

Insects; Nocturnal Animals; Gardening

Nova Series

For descriptions see individual titles:
The Incredible Journey of the Butterflies [598245]

Observing Living Things Series

For descriptions see individual titles:
Exploring Streams [024578]

The Old Oak Tree

597765 DV
IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Explore the world of oak trees and the insects that live in them. Learn about cicadas, moths, caterpillars, wasps, bees, and other creatures in a symbiotic relationship with the tree. Contains: 1 Disc.

Trees; Symbiosis; Insects

Panama Protection Racket

IMJS 9 min CA 1994
Scientific American Frontiers Series - Closed-captioned. Biologist Philip DeVries travels to the rain forests of Panama to investigate the secrets of an intricate relationship between thisbe caterpillars and ants.

Insects; Rain Forests

Paper Wasp

594938 VH
PIMJ 10 min 1990 Lucerne Media
Nature Watch Digest Series - Remarkable footage displays characteristics of the paper wasp and the construction of the nest by the wasp colony. Teacher's guide.

Insects; Bees

Plant Life Cycle (English Version)

022744 VH
PI 30 min 1992 New York State Education Department
Science! Series - Looks at the life cycle of plants and explores the interdependency of plant and animal life. Consists of 4 modules: Flowers; Seeds; Food Chain; and Natural Community. Teacher's guide.

Ecology; Food Chains (Ecology); Plants; Seeds

Plant Life For Children Series

For descriptions see individual titles:
All About Plant Pollination: Fruit, Flowers, and Seeds [593338]

Plants - CAT Kit

048003 CK
P 1995
A collection of 10 different programs that offer basic information on plants and growing things. Includes: All About Seeds; Growing Things; Harold and His Amazing Green Plants (with guide); How Plants Get Food; How Plants Grow (older version contains same information as newer one); How Plants Live in Different Places; How Seeds Get Here...and There; Plant Life Cycle (English Version); Plants and Life on Earth; What is Pollination? A Sticky Question.

Photosynthesis; Seeds; Plants; Ecosystems; Pollination

Life Cycles

Play and Discover Series

For descriptions see individual titles:
Green and Growing [024732]
Seasons [024730]

Pond Animals

023869 VH
P 30 min CA 1994 Sony Wonder
See How They Grow Series - Closed-captioned. Shows the first hours of life of a dragonfly, a frog, a duck, and a salamander through to young adulthood. Animated examples show how each animal grows.

Animals; Frogs; Ducks; Insects;
Salamanders

Poultry and Eggs

594290 VH
PI 10 min 2003 Phoenix Learning Group
Farm to Market Series - Follow eggs from hen house to supermarket. Visit several poultry farms, including a turkey farm and ostrich farm to see how the birds are raised. Teacher's guide jacket.

Agriculture; Chickens; Food; Eggs

Praying Mantis

594937 VH
PIMJ 10 min 1990 Lucerne Media
Nature Watch Digest Series - Close-up footage shows the Praying Mantis in detail, especially its hunting skills. Teacher's guide.

Insects

Pre-Kindergarten Discovery Kit Series

For descriptions see individual titles:
Insects and Spiders Discovery Kit [590659]

Pumpkin Circle

025282 VH, DV
PI 21 min 1997 Informed Democracy
Closed-captioned (DVD only). Designed to connect students with the web of life. A backyard pumpkin patch is used because pumpkins are linked with the interests of children, are easy to grow, and lend themselves to a wide range of educational subjects. Narrated in verse by Danny Glover. DVD contains: 1 Disc and both contain in-case teacher's guide.

Seeds; Gardening; Pumpkins;
Nature Study; Plants

Pumpkin, Pumpkin

040237 BB
P 24 p. 1986 Scholastic Inc.
Pencil illustrations communicate Jamie's pride as a very young gardener. He plants a pumpkin seed, then grows, harvests, and makes a jack-o-lantern from which he saves seeds for next year. The garden creatures appear on every page and we catch sight of grandpa now and then. Author: Jeanne Titherington. 1 Big Book, 30 Books, 1 Audio cassette (c.3 had no cassette), 1 Teacher's Guide. Reading level 2.4, Interest level P-2

Seasons; Halloween; Titherington, Jeanne; Plants; Pumpkins; Life Cycle - Fiction

Ranger Rick Science Spectacular Series

For descriptions see individual titles:
The Web of Life [045069]

Reading Rainbow Series

For descriptions see individual titles:
Bugs [020346]
Bugs [041456]
Chickens Aren't the Only Ones [020343]
Life Cycle of the Honeybee [020341]
Rechenka's Eggs [022819]

Real World Science I Series

For descriptions see individual titles:
Seeds and Plants [591461]

Really Gross Bug Stuff

590505 VH
PI 25 min CA 1998 Library Video Company
Bug City Series - Closed-captioned. Features insects at their yuckiest. Revolting footage reveals interesting insect facts.

Insects; Science

The Reason for a Flower

045012 BB
P 48 p. 1983 Scholastic Inc.
Explains flower parts, pollination, and growth by means of a rhyming text. Author: Ruth Heller. 1 Big Book, 30 Books, 1 Audio Cassette (The Reason for a Flower), 1 Teacher's Guide. Reading level 3.4, Interest level K-3

Insects; Children's Literature;
Plants; Flowers

Rechenka's Eggs

022819 VH, DV
P 30 min CA 1993 Lancit Media Productions
Reading Rainbow Series - Closed-captioned. A rescued goose, having broken the painted eggs intended for the Easter festival in Moskva, lays thirteen colored eggs plus one final miracle in egg form. Host LeVar Burton colors eggs, visits with the author Patricia Polacco, demonstrates the strength of an egg, and shows students a montage of animals hatching from eggs. Teacher's guide. DVD Contains: 1 Disc.

Eggs; Holidays - Fiction; Easter;
Children's Literature

Rice

023021 VH
PI 10 min 1990 Greatest Tales, Inc
How Plants Grow Series - Time-lapse photography gives students a close-up view of the rice plant. Explains how farmers plant, grow, harvest, and process rice. Teacher's guide jacket.

Rice; Seeds; Plants

Sap Sucking Hoppers

597766 DV
IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Learn about these small bugs that can withstand 400 G-forces in a jump. Their camouflage keeps them out of sight, but there are usually thousands in the garden. Contains: 1 Disc.

Gardening; Insects

Science Concept Activity Kits Series

For descriptions see individual titles:
Chickens Aren't the Only Ones [042623]

Science! Series

For descriptions see individual titles:
Butterflies (English Version) [022742]
Plant Life Cycle (English Version) [022744]

Scientific American Frontiers Series

For descriptions see individual titles:
Panama Protection Racket [590618]
Spider Strategies [590593]

Seasons

024730 VH
P 15 min 1996 Two Can Publishing Ltd
Play and Discover Series - Take a magic toy box ride to find out exactly what happens in summer, spring, winter, and fall.

Birds; Seasons; Insects; Weather

Life Cycles

Secret World of Gardens Series

For descriptions see individual titles:

Appleachia [597753]
Honeybees [597547]
Life in a Lawn [597755]
Nightlife [597764]
The Old Oak Tree [597765]
Sap Sucking Hoppers [597766]
Weevils [597769]

See How They Grow Series

For descriptions see individual titles:

Insects and Spiders [023872]
Pond Animals [023869]

Seed Dispersal

025060 VH
PIMJSA 11 min 1971 Encyclopedia
Britannica

Describes various natural methods by which seeds of uncultivated plants are dispersed. Uses time-lapse photography to show the varied propagation techniques of plants.

Seeds; Plants

Seeds and Plants

591461 VH
I 13 min 1999 Sunburst
Communications

Real World Science I Series - Explore the world of plants, trees, flowers, fruits, and more. Learn how plants work, what features they have in common, and about their life cycle. Teacher's guide with activity sheets.

Plants; Seeds

Seeds Get Around

045068 BB
P 1993 Newbridge Educational
Publishing

Early Science Series - Seeds can be spread by people, wind, water, and animals. Author: Nancy White. Set includes small books at three different reading levels for differentiated learning. Contains: 1 Big Book; 42 Books (30 small books on grade level - GRL H, 6 below level - GRL F, 6 above level - GRL J); 1 Smart Word Vocabulary card; 1 Audio cassette; 1 Teacher's guide; 8 Photo cards.

Seeds; White, Nancy

Seeds in Motion (Second Edition)

594161 VH
PI 14 min 2002 Pyramid Film &
Video

Life Science Series - Investigate the characteristics and diversity of the ingenious solutions flowering plants and fruit plants have devised for propagation. Teacher's guide jacket.

Plants; Seeds

Seeds, Seeds, Seeds

597735 DV
NP 15 min 2005 Perma-Bound
Iconographic. Buddy Bear learns about different kinds of seeds and their uses when he receives a package from his grandfather. Written, illustrated, and narrated by the author: Nancy Elizabeth Wallace. Contains: 1 Disc and Teacher's guide jacket.

Wallace, Nancy Elizabeth; Bears - Fiction; Plants; Seeds

Seeds, Seeds, Seeds

026482 VH
PI 8 min 1999 RBM Productions
Learning About Plants Series - Seeds come in all shapes and sizes and are dispersed in different ways. Teacher's guide.

Seeds; Plants

Spider Strategies

MJS 15 min CA 1992
Scientific American Frontiers Series - Closed-captioned. On the tropical island of Barro Colorado in the Panama Canal, Yale biologist Catherine Craig is studying the unique web-building strategies of the Argiope Argentata, a spider that weaves a particularly alluring trap for bees.

Insects; Spiders; Ecology

Spiders and Scorpions

590517 VH
PI 23 min CA 1998 Library Video
Company
Bug City Series - Closed-captioned. Examines all facets of spider life including webs, silk, food, and care of young. Includes scorpions as relatives of the spider. Presents tips on creating a spider habitat for house or garden spiders. Teacher's guide included, also available at Libraryvideo.com.

Spiders; Insects; Scorpions

Spring

024918 VH
PI 16 min 1983 National Geographic
Society
Four Seasons Series - Insects and spiders hatch from eggs or emerge from winter habitats. Learn about the various types of shelters that animals prepare for raising their young. Birds return from wintering grounds and build nests where they will lay their eggs; beavers repair their dams and lodges. In the pond, leopard frogs awaken after their long winter sleep and lay eggs that hatch into tadpoles. Insect larvae, such as mosquito and caddis fly, also begin their development in the pond. Animal camouflage and finding food is also covered. Teacher's guide.

Spring; Seasons; Animals; Insects; Frogs

Stage One Science Series

For descriptions see individual titles:
Growing [023707]

Sunflower

023019 VH
PI 10 min 1990 Greatest Tales, Inc
How Plants Grow Series - Time-lapse photography gives students a close-up view of the seed as it grows. It starts growing almost as soon as it is planted. The petals of the flower surround a large center filled with seeds. The seeds ripen with help from the sun and insects. Explains how sunflowers are farmed. Discusses pollination and photosynthesis. Teacher's guide jacket.

Flowers; Plants; Seeds

Take a Look 1 Series

For descriptions see individual titles:
Growing Things [024040]
Insects [024044]

The Tiny Seed

045026 BB
P 32 p. 1987 Scholastic Inc.
The story of the life cycle of a flower, from a tiny seed to maturity. Author: Eric Carle. 1 Big Book, 30 Books, 1 Teacher's Guide. Reading level 2.7, Interest level K-3

Seeds; Carle, Eric; Plants

Twin Sisters: The Science Series

For descriptions see individual titles:
Insects and Spiders [594507]

Under One Rock: Bugs, Slugs, and Other Ughs

594888 BD
P 2001 Childcraft Education Corp
1 Book: UNDER ONE ROCK/by Anthony D. Fredericks. This cumulative rhyme describes the multitude of creatures found under a rock on a summer's day. 1 Soft sculpture rock; 7 Soft sculpture animals (earthworm, spider, beetle, ant, field cricket, millipede, and slug); 1 Activity sheet.

Spiders; Insects; Earthworms

Under the Porch Light

596431 BB
P 32 p. 2006 Childcraft Education
Corp
Discover the various bugs that emerge at night. Authors John Archambault and David Plummer. 1 Big Book; 30 Books; 1 Compact Disc (Narrated by John Archambault - 8:49).. Interest Level P-2

Archambault, John; Plummer, David; Nocturnal Animals; Insects

Undersea World of Jacques Cousteau Series

For descriptions see individual titles:
Cousteau: The Green Sea Turtle
[023607]

Understanding Animals Series

For descriptions see individual titles:
Insects [593585]

Life Cycles

Unlovable Series

For descriptions see individual titles:
Creepy, Crawly Creatures in Your Backyard [024449]

Waiting For Wings

592917 VH
P 7 min CA 2002 Weston Woods
Closed-captioned. Animated. The question of where butterflies come from is answered with simple rhyming text and colorful collages that include facts on flowers and butterfly identification tips. Study guide jacket.
Butterflies; Ehlert, Lois; Children's Literature; Gardening

A Walk in the Rain Forest

022094 VH
PI 11 min 1990 Young Naturalist Foundation
An eight-year-old boy in Belize takes two friends on a guided tour of his rain forest pointing out the rich diversity of life there and the desirability of saving such important places.
Belize; Insects; Rain Forests

The Web of Life

045069 BB
IP 16 p. 1994 Newbridge Educational Publishing
Ranger Rick Science Spectacular Series - Explores the web of life surrounding an old oak tree including producers, consumers, and decomposers. Author: Melvin Berger. 1 Big Book, 30 Books, 1 Teacher's guide.
Food Chains (Ecology); Ecology; Life Cycle; Berger, Melvin

Weevils

597769 DV
IMJS 23 min 2004 Bullfrog Films
Secret World of Gardens Series - Uses macro-lenses and time-lapse photography. Weevils are one of the largest families of insects in North America, with an estimated 2700 species, all eating machines and a real force to contend with in the garden. Contains: 1 Disc.
Insects; Gardening

What Hatches From an Egg

045059 BB
P 16 p. 1999 Wright Group
Song lyrics ask students to guess that ducks, alligators, snakes, turtles, and spiders hatch from eggs. Music and lyrics: Norma L. Gentner. Illustrator: Jim Hays. Contains: 30 Books, 1 Big Book, 1 Audio cassette.
Gentner, Norma L.; Eggs

What is a Cycle

594518 BB
P 1998 Newbridge Educational Publishing
Early Science Series - Explores different types of cycles in nature, days, seasons, water cycle, life cycles, and more. Author: Lisa Trumbauer. Set includes small books at three different reading levels for differentiated learning. Contains: 1 Big Book; 42 Books (30 small books on grade level - GRL G, 6 below level - GRL E, 6 above level - GRL I); 1 Smart Word Vocabulary card; 1 Audio cassette; 1 Teacher's guide; 8 Photo cards.
Life Cycle; Nature Study; Water Cycle; Trumbauer, Lisa

What Is Pollination? A Sticky Question

022950 VH
P 16 min 2003 Missouri Botanical Gardens
Observes insects pollinating plants, then looks at a classroom where children are trying their hands at transferring pollen between plants. Uses slow-motion photography, class activities, computer animation, and sing-along music. Teacher's guide.
Pollination; Plants; Insects

The Wonderful World of the Butterfly

024071 VH
IJ 30 min 1994 Lucerne Media
See in close-up, the detailed life cycle of the butterfly. Witness the birth of the caterpillar from a pin head sized egg; the transformation of the caterpillar to a pupa; and the emergence of the full grown butterfly from its dormant state as a pupa.
Butterflies; Insects

World of Insects Series

For descriptions see individual titles:
Insects: Body Structure [022606]

World of Nature Series

For descriptions see individual titles:
Insect Disguises [024182]
Monarch Butterfly: Milkweed to Mexico [024179]