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Sample Materials 3rd Grade Life Science

Classroom Books

A Dead Log

\$3-4

Amazon.com

http://www.amazon.com/Dead-Log-Small-Worlds/dp/0778701360/ref=sr_1_1?s=books&ie=UTF8&ISBN:0778701506

By Jen Green. A Dead Log presents the animals and plants that might be associated with a fallen log in a North American deciduous forest. A Saguaro Cactus introduces animals of the Sonoran Desert. Under a Stone highlights the creatures that live on a North American prairie. Each book is heavily illustrated with carefully selected, eye-catching, full-color photographs and a few explanatory drawings. The denizens of each ecosystem are well represented and some discussion of related plants and fungi is included as well. The interrelationships of life and the food web that make the ecosystem an integrated whole are highlighted. Insets provide Fantastic Facts.

A Freshwater Pond

\$8-9

Amazon.com

http://www.amazon.com/A-Freshwater-Pond-Small-Worlds/dp/0778701336/ref=sr_1_6?ie=UTF8&ISBN:0778701476

By Adam Hibbert. A Freshwater Pond describes the plants, animals and insects that live in a pond and how they adapt to its changing conditions in dry summers and icy winters. Insects, amphibians, reptiles and animals are featured along with plants ranging from single-celled algae to bug-eating plants.

A River Ran Wild: An Environmental History

\$7-8

Amazon.com

<http://www.amazon.com>
ISBN 0152163727

by Lynne Cherry. True story of the Nashua River Valley in North-Central Massachusetts from the time that the Native Americans settled there, naming it River With the Pebbled Bottom. The book traces the impact of the industrial revolution on the river and the eventual clean-up campaign mounted by a local watershed association. The graphic borders are packed with historical information, showing the original wildlife, tools and utensils used by Native Americans and early settlers, and continuing on to modern artifacts such as plastic water jugs. A suggested reading for the GEMS River Cutters unit.

Alameda Co. Library
Call # J974.44 Cherry
Oakland Public
Library Call # Juvenile
974.44 cherry

A Saguaro Cactus

\$10-15

Amazon.com

http://www.amazon.com/A-Saguaro-Cactus-Small-Worlds/dp/0778701484/ref=sr_1_1?ie=UTF8&qISBN:0778701484

By Jen Green. Different kinds of cactus provide food, moisture, and shelter to a wide variety of plants and animals. A Saguaro Cactus tells young readers what animals make their home high above, on the ground, and deep below the cacti of the Sonoran Desert in the United States and Mexico.

A Seed Grows : My First Look at a Plant's Life Cycle

\$20-25

Amazon.com

http://www.amazon.com/Seed-Grows-My-First-Look/dp/1550742000/ref=sr_1_1?s=books&ie=UTF8
ISBN: 978-1550742008

by Pamela Hickman (Author), Heather Collins (Illustrator) ISBN-13: 978-1550742008 Seeds and kids start out small and grow wondrously, which may explain some of children's fascination with planting, growing, and, subsequently, exploring their environments. With sentences that mimic the cumulative pattern of "The House that Jack Built," Hickman's hand-sized book uses the backyard garden to investigate plant life cycles. Each page has a fold-over flap that reveals further facts and illustration details relating to the page's topic. Sam plants his vegetable seeds; behind the flap are close-ups of the sprout's growth underground. When a bee pollinates a flower, an opened flap reveals its hive. The vegetable garden the children plant in the beginning of the book is harvested at its end; each vegetable and fruit is cut open to reveal more seeds--the completion of the cycle. It's been done before in many other books, but this version, with its lush illustrations of a bountiful garden, is a summertime treat.

Abel's Island

\$6-7

Amazon.com

http://www.amazon.com/Abels-Island-Newbery-Award-Honor/dp/0312371438/ref=sr_1_1?s=books&ie=UTF8
ISBN 0374400164

by William Steig. Abel is an urban mouse who suddenly finds himself on an uninhabited island trying to survive. He discovers skills and talents in himself that help him think of ways to forage for food, cross the river, and return home. Abel's time on the island brings him a new understanding of the world from which he's separated as he reexamines the easy way of life he had previously. A suggested reading for the GEMS River Cutters unit.

also available at Alameda Co. Library call # J Fiction STEIG and at the Berkeley Public Library Call # FICTION STEIG, W and at the Oakland Public Library Call # juvenile fiction Steig

Advice for a Frog

\$15-20

Amazon.com

http://www.amazon.com/Advice-Frog-Alice-Schertle/dp/0688134866/ref=sr_1_1?ie=UTF8&qid=14
ASIN: 0688134866

by Alice Schertle - Thought-provoking poems about 14 animals, mammals, amphibians, reptiles, and birds, from Africa, Asia, Australia, and North and South America are presented. Many of the poems are about endangered animals and are illustrated with vibrant, full-color artwork. This is an excellent source for oral interpretation and as a read-aloud. This title is currently out of print.

Ancient Ones: The World of the Old-Growth Douglas Fir

\$6-7

Amazon.com

http://www.amazon.com/Ancient-Ones-World-Old-Growth-Douglas/dp/1578050812/ref=sr_1_1?s=books&ie=UTF8
ASIN: 1578050812

by Barbara Bash. Gr. 3-6. In the Pacific Northwest, a Douglas fir seedling reaches skyward, growing to 300 feet and living, perhaps, for five centuries. In Bash's stunning new book, the complex life of these trees becomes an ecology lesson wrapped in a miracle of natural wonder. Every part of the tree, at every stage of development, harbors life with no waste. An intricate balance exists among the birds, animals, insects, and plants that find a home there. Fallen trees in streams not only clean the water, but also host additional plants and animals. And so the cycle continues, one living thing creating an opportunity for another--until a forest fire ensures the completion of the cycle. The boxed calligraphic text describes these invaluable forest assets, now greatly diminished and threatened. Bash's lush paintings draw the reader right into the forest. Precise, and elegant in rich greens and browns, the paintings capture flora and fauna with reverence.

- Bats: A Creativity Book for Young Conservationists** \$4-5
 Bat Conservation International
<http://www.batcon.org>
 B-7
 by Jane F. G. Jennings, with drawings by Laura A. Hoehn, 30 pages. With the focus on imagination, 28 activities challenge children in communication and math skills, writing, art, and more, while increasing their understanding of bats.
- Berries, Nuts and Seeds (Take-Along Guide)** \$8-9
 Amazon.com
http://www.amazon.com/Berries-Nuts-Seeds-Along-Guides/dp/1559715731/ref=sr_1_1?ie=UTF8&ISBN: 978-1559715737
 by Diane L. Burns (Author), John F. McGee (Illustrator)
 ISBN-13: 978-1559715737 The reader will find this attractive book useful for reports or, as the Take Along Guide series title implies, as a nature guide. Each page is devoted to one plant and its fruit. After a brief introduction to berries, nuts, and seeds as the fruit of a plant, Burns looks at specific fruit, one to a page, including raspberries, acorns, pecans, juniper berries, cattails, and thistle blossoms. The format is crisp, and the writing clear; each page features lovely watercolor pictures of the fruit and the plant or tree it comes from and information about what it looks like, where to find it, and who eats it. Interesting activities such as planting a seed garden and making berry watercolors round out a very nice treatment.
- Birds Build Nests** \$15-20
 Amazon.com
http://www.amazon.com/Birds-Build-Nests-Yvonne-Winer/dp/1570915016/ref=sr_1_1?ie=UTF8&qISBN: 1570915016
 By Yvonne Winer, Tony Oliver (Illustrator). Full-page, exquisitely detailed, realistic watercolors in richly tinted hues, each showing a particular species of bird in its natural habitat, are the real highlight of this very simple, poetically written introductory piece. Each five-line verse appears on a white page below a painting of an egg-filled nest. On the opposite page is an in situ illustration to which it relates. For example, "Birds build nests, Eggs deep inside, Secret spaces Where fledglings hide.
- BrainJuice: Science, Fresh Squeezed!** \$10-15
 Amazon.com
http://www.amazon.com/BrainJuice-Squeezed-Carol-Diggory-Shields/dp/1593540051/ref=sr_1_1?ISBN: 1593540051
 This collection of 41 poems is divided into four sections: "Earth and Space Sciences," "Life Sciences," "Chemistry," and "Physics." All of the selections are brief; some are quite clever and others are forced. Some children might find the new words to "The Itsy-Bitsy Spider and the Water Cycle" easy to remember and therefore a help with learning about this process. The same is true of "Inside of Old Smokey," which describes the ins and outs of volcanoes. Related tidbits and facts highlighted by green border
- Bug Boy** \$4-5
 Amazon.com
http://www.amazon.com/Bug-Boy-Carol-Sonenklar/dp/0440414652/ref=sr_1_1?s=books&ie=UTF8&ISBN: 978-0440414650
 by Carol Sonenklar, A third-grade boy with a passion for insects receives a mysterious Bug-a-View magnifier that changes him into any insect he places in the viewer. Life suddenly becomes much more interesting. Facts about insects are integrated into this humorous tale and the lively text is illustrated with black-ink sketches. The sequel is BUG GIRL.

Bugs Are Insects

\$9-10

Amazon.com

http://www.amazon.com/Bugs-Insects-Lets-Read---Find-Out-Science/dp/0064452034/ref=sr_1_1?
ISBN: 0064452034

By Jenkins, Steve (illustrator); Rockwell, Anne. This well-written and informative book introduces budding entomologists to the world of insects and bugs. Rockwell offers basic factual information in an interesting, easy-to-read format. Common insects are introduced, and the main differences between insects and spiders are explained as well as what makes a bug a bug. The collage illustrations are beautifully rendered with layered colored papers of a variety of textures that add both depth and details to the creatures. The honeybee looks extremely lifelike with a fuzzy body and legs, and the illustration of a multihued birdwing butterfly accurately and attractively shows it sucking nectar from a flower. An index identifies the types of insects and other bugs that are found in the book, and some projects are suggested for those interested in learning more about insects.

Camouflage: Changing to Hide (Nature's Changes)

\$8-9

Amazon.com

http://www.amazon.com/Camouflage-Changing-Hide-Natures-Changes/dp/0778723062/ref=sr_1_1
ISBN-10: 0778723062

Ages 6 to 10 years. This book explains the how and why of camouflage. It looks at camouflage as colors, patterns, and textures that some animals have on their bodies to protect them from predators. It also shows how other animals use camouflage to hide as they hunt for prey. Camouflage is a difficult concept, but this book presents it in a way that is accessible to even the youngest readers. This book provides children with detailed information about: How some animals are camouflaged by their shape, as well as their colours; Why animals need camouflage; Why baby animals may have different camouflage than their parents; How some animals that fly or swim are camouflaged by countershading.

Claws, Coats, Camouflage

\$100-120

Amazon.com

http://www.amazon.com/Claws-Coats-Camouflage-Susan-Goodman/dp/0761318658/ref=sr_1_1?
ISBN: 0761318658

By Michael J. Doolittle (Illustrator), Susan E. Goodman. Bright photographs will draw students to this book, but the text may confuse them. Adaptation is discussed very broadly under four main categories: "Fitting In" (adapting to surroundings), "Staying Safe" (thwarting predators), "Getting Food," and "Making a New Generation." Each right-hand page includes a few lines of text, a related close-up color photo, and the question, "What's this animal's adaptation?" The answer is on the verso along with two ot

Como crece una semilla (How a Seed Grows) (Let's-Read-and-Find-Out Scie)

\$6-7

Amazon.com

<http://www.amazon.com>

ISBN-13: 978-0060887162 Revised illustrations and format make this book, originally published in 1960, a valuable choice. With charming illustrations and clear text, this simple introduction leads young readers through a series of steps that result in bean plants as well as a basic understanding of how seeds work. Children are encouraged to follow each aspect of the botanical process, from sowing bean seeds, to the growth of tiny root hairs, to transplanting the plant in the garden. Realistic and inviting full-color watercolors show only procedures that are possible for youngsters to follow with minimal involvement from adults. The African-American girl, who is the main character, is definitely in charge; her white male friend performs only menial tasks.

Elephants Swim	\$10-15
Amazon.com	
<i>http://www.amazon.com/Elephants-Sandpiper-Books-Linda-Capus/dp/0395934893/ref=sr_1_1?ie=ISBN: 0395736544</i>	
By Linda Capus Riley. The big draw in this simple yet extremely clever introduction to animals and the way they respond to water is the artwork--stunning paper collages that feature animals in the water. There's only one line of text per page ("Kangaroos swim, but their babies stay dry"), with the rest of the page being taken up with the shapely cutouts that have so much texture you want to reach out and touch them. Elephants, a squid, pelicans, and a polar bear are just a few of the creatures that make an appearance.	
Extremely Weird Endangered Species	\$10-15
Amazon.com	
<i>http://www.amazon.com/Extremely-Weird-Endangered-Species-Lovett/dp/1562612808/ref=sr_1_1</i> none	
Gr 3-6-- Shrill and bright colors, spectacular closeup color photos, and primitive cartoons are combined to form an eye-catching nature book. The ``extremely weird" aspect is more hype than actuality, but many endangered animals such as manatees, bats, rhinos, and condors are discussed as well as lesser-known species such as the fossa, guan, and babirusa. Scientific names, habitats, and other information are given along with the reasons they are in danger of extinction. More importantly, children are advised to take action to save these creatures through positive acts. The format will be attractive to those who like the brash and loud poster look, but the message conveyed and the information presented are valuable for everyone.	
Extremely Weird Frogs	\$6-7
Amazon.com	
<i>http://www.amazon.com/Extremely-Weird-Frogs-Sarah-Lovett/dp/1562612824/ref=sr_1_1?s=book</i> ISBN: 978-1562612825	
By Sarah Lovett. Series: "Extremely Weird". Describes the habitat, appearance, and behavior of a variety of unusual frogs. Ages 4-7.	
Great Kapok Tree: A Tale of the Amazon Rain Forest	\$10-15
Amazon.com	
<i>http://www.amazon.com/Great-Kapok-Tree-Amazon-Forest/dp/0152026142/ref=sr_1_1?s=books&</i> ISBN: 015200520X	
by Lynne Cherry, This book tells the story of what happens when the rain forest is destroyed. Animals living in the kapok tree whisper the importance of the rain forest ecosystem in the ears of a sleeping tree cutter. Watercolor illustrations accompany the text.	
How Seeds Travel	\$10-15
Amazon.com	
<i>http://www.amazon.com/Seeds-Travel-Lerner-Natural-Science/dp/0822514745/ref=sr_1_2?ie=UTI</i> ISBN: 0822595699	
By Cynthia Overbeck, Shabo Hani (Photographer). Describes how seeds are moved from place to place by wind, water, and animals, and how they function in plant reproduction	
How to Hide a Meadow Frog and Other Amphibians	\$4-5
Amazon.com	
<i>http://www.amazon.com/Meadow-Other-Amphibians-Reading-Railroad/dp/0448409658/ref=sr_1_1</i> ISBN: 978-0448409658	
By Ruth Heller. Find out how amphibians like toads and salamanders use camouflage to "disappear." Students will search for the hidden animals in the pictures. Camouflage is one adaptation animals use for survival.	

Journey Through the Northern Rainforest

\$7-8

Amazon.com

<http://www.amazon.com/Journey-Through-Northern-Rainforest-Pandell/dp/0525458042>

By Pandell. Celebrates the beautiful world of northern temperate rainforests, a land still teeming with life but like tropical rainforests, also under constant pressure from logging operations. Witness the cathedral-like stands of old growth with bald eagles soaring high above and banana slugs moving through the duff. Follow salmon as they reach the end of their thousand mile journey. Ages 8-13.

Knots on a Counting Rope

\$6-7

Amazon.com

http://www.amazon.com/Knots-Counting-Reading-Rainbow-Books/dp/0805054790/ref=sr_1_1?s=ISBN:0805054790

by Bill Martin, Jr., and John Archambault, Each time Grandfather tells his blind grandson a story about the boy's birth and his accomplishments, Grandfather adds a knot on a counting rope. The little boy learns to have no fear of the darkness and to see with his heart and know that his grandfather will love him forever. The text underscores the power of storytelling. This story can be read aloud by two voices, and could be used to introduce a unit on Native Americans or the desert ecosystem.

Living Color

\$15-20

Acorn Naturalists

<http://www.acornnaturalists.com/#B-16059>

Jenkins. Red, blue, yellow, green, orange, purple, pink—how do the brilliant feathers, scales, shells, and skin of animals help them survive? Find out in this strikingly beautiful book how animals use color to warn predators, signal friends, attract mates, or hide from enemies. A perfect introduction to the world of camouflage as well as "flash" found in the animal world. Ages 7-10. Hardcover.

Los Océanos (La Vida En... (Oceans))

\$6-7

Amazon.com

<http://www.amazon.com>
ISBN: 1587289717

These titles are rich in illustrations, ranging from photographs to maps and drawings. The design is attractive and the clearly presented information does not bombard readers with too many details. In each volume, carefully organized chapters explore the wildlife, plant life, and/or people who inhabit the featured environments. Two chapters in each volume explore the issues of pollution and conservation. The final chapter offers a fictional story based on an aboriginal myth accompanied by fanciful artwork. Boxed inserts offer "Did you know?" facts. Useful introductions to the study of ecology."

Nutik, the Wolf Pup

\$15-20

Amazon.com

http://www.amazon.com/Nutik-Wolf-Jean-Craighead-George/dp/0060281650/ref=sr_1_1?s=booksISBN:0060281642

by George, Jean Craighead, This book is an illustrated story about Amaroq, brother to Julie of the Wolves. He raises a wolf pup but must return the pup to its family when it is grown. In the end, however, the pup returns to join the human family of Amaroq and Julie. The illustrations depict the Artic world.

Oddhopper Opera: A Bug's Garden of Verses	\$7-8
Amazon.com	
<i>http://www.amazon.com/Oddhopper-Opera-Bugs-Garden-Verses/dp/0152022058/ref=sr_1_1?s=b</i>	
ISBN: 0152022058	
by Kurt Cyrus, This collection of poems depict the web of life at ground-level in a vegetable garden. The poems highlight the activities of the insects and animals that live there. The strong artwork is clever and enriches the whimsical text that develops the concepts of biodiversity and interdependence.	
One Small Square: Arctic Tundra	\$9-10
Acorn Naturalists	
<i>http://www.acornnaturalists.com/store/ARCTIC-TUNDRA-One-Small-Square-Series-P619C0.aspx</i>	
B-5952	
by Silver, Wynne. Wonderful descriptions of a land where a winter night lasts three weeks and the ground is icy on the warmest day of the year. Contains illustrated field guide to common arctic plants and animals along with descriptions of behavioral adaptations, food chains, and survival strategies. Engaging reading for ages 6 to 10.	
Plant Profiles: Free Guide to Common Bay Area Native Plants	FREE
The Watershed Project	
<i>http://www.thewatershedproject.org</i>	
Download off of website. Buckeye, Coyote Brush, Lupine.....These are just a few of California's most common native plants. Use this guide to find out more about these amazing species. And now you can identify the most invasive species that threaten their existence.	
Salamander Rain	\$10-15
Amazon.com	
<i>http://www.amazon.com/Salamander-Rain-Journal-Sharing-Children/dp/1584690178/ref=sr_1_1?i</i>	
ISBN: 1584690178	
By K. Pratt-Serafini. It works on many different levels, and you will page through it many times, discovering new surprises with each reading. Kristin's latest book is a fascinating account of how keen observations of Nature can lead to a deeper appreciation. This book is vividly illustrated and describes a journal-making process that is valuable to any teacher or child. A great addition to any Nature-lover's bookshelf!	
Science Kids Animal Disguises	\$6-7
Amazon.com	
<i>http://www.amazon.com/Animal-Disguises-Science-Belinda-Weber/dp/0753461625/ref=sr_1_1?s=</i>	
ISBN-10: 0753461625	
Investigate the exciting world of animal camouflage. Discover how creatures blend in with their environment, mimicking leaves, stones, and flowers, playing tricks on their predators, and even changing shape.	
Secret Place	\$5-6
Amazon.com	
<i>http://www.amazon.com/Secret-Place-Eve-Bunting/dp/0395643678/ref=sr_1_2?ie=UTF8&qid=140</i>	
ISBN: 0395643678	
by Eve Bunting, A young boy discovers a secret place in the city where a river flows and is hidden between two concrete walls. He decides to keep this place a secret because it attracts a variety of wild animals who come to nest and drink. The poetic text is complemented by lush paintings that contrast the gray city with the wild creatures. California author.	

Seeds, Stems, And Stamens: The Way Plants Fit into Their World

\$20-25

Amazon.com

http://www.amazon.com/Seeds-Stems-Stamens-Plants-Their/dp/0761318747/ref=sr_1_1?s=books
ISBN: 978-0761318743

by Susan E. Goodman ISBN-13: 978-0761318743 This book about the ways plants survive in their various habitats is both creative and inviting. The short chapters discuss fitting into the environment; getting sun, water, and food; inherent defenses; and propagating. Readers are encouraged to think about these topics by way of a series of questions. For example, the author states that through transpiration, "A tree can lose hundreds of gallons of water a day. With all that water going out, more needs to come

Sierra

\$7-8

Amazon.com

http://www.amazon.com/Sierra-Trophy-Picture-Books-Siebert/dp/0064434419/ref=sr_1_2?s=book
ISBN 0064434419

by Diane Siebert; illustrated by Wendell Minor

Long narrative Poem in the voice of a mountain in the Sierra Nevada. It begins with the lines:

I am the mountain

tall and grand

and like a sentinel I stand.

Dynamic verse and glorious mural-like colored illustrations depict the forces shaping the earth as well that the plant, animal and human roles in the ecosystem. A suggested reading for the GEMS River Cutters unit.

Alameda Co. Library
Call # JPB SIEBERT
Berkeley Public
Library Call # 8110Si
15s Oakland Public
Library Call # juvenile
811.54 SIEBERT

Someday a Tree

\$7-8

Amazon.com

http://www.amazon.com/Someday-Tree-Eve-Bunting/dp/0395764785/ref=sr_1_1?s=books&ie=UT
ISBN: 0395764785

by Bunting, Eve. A young girl, her parents, and their neighbors try to save an old oak tree that has been poisoned by pollution in the soil. Unable to save the tree, the girl remembers the acorns she collected when the tree was still healthy and plants them. Delicate watercolors complement this emotional story. California author.

The Butterfly Alphabet Book

\$7-8

Acorn Naturalists

<http://www.acornnaturalists.com/store/THE-BUTTERFLY-ALPHABET-BOOK-P4278C0.aspx#INV-13741>.

Pallota. Wonderful introduction to the wonder and beauty of butterflies. Look through the wings of transparent butterflies, marvel at the size of the Queen Alexandra Birdwing, and try to find the camouflaged Indian Leaf Butterfly! Learn about these amazing butterflies, and more, as you read from A to Z. Fun, informative reading combined with detailed and breathtaking illustrations.

The Hidden Forest

\$6-7

Amazon.com

http://www.amazon.com/Hidden-Forest-Jeannie-Baker/dp/0744578760/ref=sr_1_3?s=books&ie=U
ASIN: 0688157602

by Jeannie Baker, When a friend helps him retrieve the fishing trap he lost while trying to fish just off the coast of eastern Tasmania, Ben comes to see the Giant Kelp forest where he lost his fishing trap in a new light. The collage artwork combines pressed seaweed, sponges, and sand. An author's notes gives information about kelp forests including how they grow and their habitat.

The Tree in the Ancient Forest

\$7-8

Amazon.com

http://www.amazon.com/Tree-Ancient-Forest-Carol-Reed-Jones/dp/1883220319/ref=sr_1_1?s=bo

by Carol Reed-Jones. A 300-year-old fir tree is the main character in a forest drama depicting the cycle of interdependence between plants and animals. The truffles that grow on the roots of the fir tree are food for the mice, who, in turn, are food for the owls living in the hollow of the tree that was created by a woodpecker, and so on. Reed-Jones' cumulative verse technique, which very effectively illustrates the ecological concept, will make this book a lively story-time or lap-share read-aloud as well as a good choice for choral reading. Canyon's superb double-page illustrations can be appreciated both as fine works of art and as detailed studies of forest flora and fauna.

There's an Owl in the Shower

\$5-6

Amazon.com

Also available in
libraries

http://www.amazon.com/Theres-Shower-Jean-Craighead-George/dp/0064406822/ref=sr_1_1?s=b

paperback, author Jean Craighead George. Gr. 3-5. Because his father has lost his job logging in the old-growth forests of northern California, Borden vows to destroy any spotted owl he sees. When he discovers an owlet lying on the ground, he decides to rescue it, assuming it is a barred owl and, therefore, not his sworn enemy. The whole family takes a liking to Bardy, especially Dad, who plans to use him in court to demonstrate what a kindhearted soul he is when he must fight charges of assaulting a conservationist.

Weslandia

\$5-6

Amazon.com

http://www.amazon.com/Weslandia-Paul-Fleischman/dp/0763610526/ref=sr_1_1?s=books&ie=UTF
ISBN: 0763610526

by Paul Fleischman, Nonconformist Wesley establishes a new civilization in his backyard as a summer project. Seeds carried by a mysterious wind grow into a thriving staple crop that he uses for food, drink, shelter, clothing, and other inventions. Neighborhood tormentors become curious and are drawn into his new civilization. The book is illustrated with brilliant acrylic paintings using tropical themes and colors.

What are Camouflage and Mimicry? (The Science of Living Things)

\$6-7

Amazon.com

http://www.amazon.com/Camouflage-Mimicry-Science-Living-Things/dp/0865059624/ref=sr_1_1?
ISBN-10: 0865059624

In the animal world, the easiest way to avoid being eaten is to avoid being seen. What are Camouflage and Mimicry? examines animals that use unique colorization and patterns to avoid predators-or to sneak up on prey! Some are virtually impossible to see.

What Color Is Camouflage? (Let's-Read-and-Find-Out Science, Stage 2)

\$9-10

Amazon.com

http://www.amazon.com/Color-Camouflage-Lets-Read---Find-Out-Science/dp/0064451607/ref=sr_
ISBN-10: 0064451607

Otto says that camouflage is a kind of disguise, and Lloyd's detailed watercolor-and-ink illustrations show that disguise in action. You have to look closely to see the doe's spotted fawn crouched in the dappled thicket, the stick insect perched on a branch. Part of the Let's-Read-and-Find-Out Science series, this brings biology right into your own backyard ("look closely when you go outside") as it celebrates the wonder of what nature hides and reveals ("sticks seem to crawl, leaves can fly, and a stone ma

What Do You Do When Something Wants to Eat you \$9-10

Amazon.com

http://www.amazon.com/Something-Wants-Jenkins-Jenkins-Paperback/dp/B00HUCPLQ4/ref=sr_1_1?
ISBN: 0618152431

By Stephen Jenkins. Jenkins answers the question of what different creatures do when another wants them for dinner. He identifies the animal on one page ("the bombardier beetle defends itself...") and then follows up with its defense mechanism on the next ("by shooting a mixture of hot chemicals from its rear end and into the face of an attacker"). The artist's trademark cut-paper collages on textured backgrounds show both attacker and potential prey on one page, and then a close-up of the animal escaping o

Where Does the Garbage Go? \$5-6

Amazon.com

http://www.amazon.com/Where-Does-Garbage-Lets-Read---Find-Out/dp/0064451143/ref=sr_1_1?
ISBN: 978-0064451147

By Chewing, Randy (illustrator); Showers, Paul.

Children learn in school about how things "used to be." They take a field trip to a landfill where garbage and trash (brought in from a nearby big city) are still being buried, but they refer to recycling as a commonplace activity in which the whole town participates. A pie chart breaks down the composition of a landfill by percentages. Showers mentions toxic ash and smoke generated from incinerators and the basic problem of too much trash. The pictures are

Where in the Wild? Camouflaged Creatures Concealed and Revealed \$15-20

Acorn Naturalists

<http://www.acornnaturalists.com/store/WHERE-IN-THE-WILD-Camouflaged-Creatures-Concealed#B-16091>.

Where in the Wild? Camouflaged Creatures Concealed and Revealed. Schwartz, Schy. Discover how a variety of species, from tree frogs to spiders, hide "in plain sight." Pages are folded—lifting the flap highlights the animal hidden in the photographic scene. Book simulates exploring in the wild — a fun, educational activity book for young children ages 5-9.Hardcover.

While a Tree Was Growing \$4-5

Amazon.com

http://www.amazon.com/While-Tree-Growing-Jane-Bosveld/dp/0761105409/ref=sr_1_1?s=books&
ISBN-10: 0761105409

By Bosveld. High on the slopes of the Sierra Nevada the largest trees in the world grow, the sequoias. Jane Bosveld follows the growth of a seedling through its thousand year life, merging botany with human history. "While the tree was growing, it was visited by generations of Native Americans while Leonardo da Vinci painted the Mona Lisa and Thomas Edison invented the phonograph; and while this same tree was growing, you were born." Children ages 7-14 learn the long-term value of old growth forests.

Kits & Modules

Ancient Forests: Discovering Nature \$6-7

Acorn Naturalists

<http://www.acornnaturalists.com/store/ANCIENT-FORESTS-Discovering-Nature-P732C0.aspx#BP-3109>

Anderson, Field, Stephenson. Activity book discusses the ecology of old growth forests. Includes games, quizzes, mobiles, mazes and maps, along with discussions of old growth controversies and presentations of alternative solutions. Includes educational set of stickers. Grades 3-7.

Birds Nature Kits	\$25-30
Wildcare	
<i>http://www.wildcarebayarea.org/site/PageServer?pagename=NatureEducation_Programs_Nature1</i>	
2 week rental. Nature Kits contain: a taxidermied animal in a life-like pose, information cards with important facts about the animal, facsimile ceramic bird eggs for students to handle in bird kits, ideas for integrated, thematic experiences, and a poster. Choose from: Acorn Woodpecker, Barn Owl, Brewer's Blackbird, Brown Pelican, Cedar Waxwing, Coot, Common Murre, Cormorant, Crow, Great Blue Heron, Great Horned Owl, Gull, Kingfisher, Mallard, Meadowlark, Quail, Red-winged Blackbird, Robin, Ruddy Duck, Scrub Jay, Starling, Turkey Vulture, western grebe.	
Butterfly and Moths Nature Kits	\$25-30
Wildcare	
<i>http://www.wildcarebayarea.org/site/PageServer?pagename=NatureEducation_Programs_Nature1</i>	
2 week rental. Nature Kits contain: a taxidermied animal in a life-like pose, information cards with important facts about the animals.	
Leaf Identification Kit \$32.95	\$30-35
Genesis Inc	
<i>http://www.pellet.com</i>	
#LID	
EACH KIT INCLUDES:	
1 Instructors Guide containing information about the importance of leaves, 8 different hands-on activities with detailed teaching procedures along with specific observation questions for each activity	
39 Real Tree Leaves with 13 identified leaves,	
26 unidentified leaves	
Leaf key to be used to identify the unknown leaf specimens	
61 Page tree finder booklet	
Make Your Own Watershed Kit	\$40-45
Acorn Naturalists	
<i>http://www.acornnaturalists.com/store/MAKE-YOUR-OWN-WATERSHED-KIT-P342C0.aspx</i> KIT-9210	
Useful tool for showing students the effects of runoff in a watershed. Kit includes plastic mold for forming watershed and human-built structures, plaster mix (poured into mold to make watershed) set of acrylic paints, brushes, and instructions for putting it all together. Includes basic activities which can be modified to suit particular needs. Add small models of animals, cars or people (not included) for added effect. A basic yet effective teaching tool.	
Mammals Nature Kits	\$25-30
Wildcare	
<i>http://www.wildcarebayarea.org/site/PageServer?pagename=NatureEducation_Programs_Nature1</i>	
2 week rental. Nature Kits contain: a taxidermied animal in a life-like pose, information cards with important facts about the animal, facsimile ceramic bird eggs for students to handle in bird kits, ideas for integrated, thematic experiences, and a poster. Choose from: Badger, Beaver, Bobcat, Coyote, Deer, Fox, Harbor Seal, Mountain lion, Muskrat, Opossum, Porcupine, Rabbit, Raccoon, Sea lion, Skunk, Western Gray Squirrel.	

Rainforests of the World \$15-20
California Academy of Sciences
<http://www.calacademy.org/teachers/erk.php>
Share the discovery of the lush tropical forests of Borneo, Madagascar, Costa Rica, and the Amazon with your students. Teach your students a song about jungle layers one day, then have students measure the rate of water evaporation in the tiny world of a bromeliad the next. The kit also includes a camouflage activity, a 7-foot tall rainforest layers poster, a real soil corer for taking a soil core sample in the schoolyard, beetle and butterfly specimens, books, and more!
Lending Fee: \$20 - Loan period: 3 weeks
Kit Reservations: Advance reservation required. Call (877) 227-3311

Seed Identification Kit SID Seed Identification Kit \$30-35
Genesis Inc
<http://www.pellet.com>
#SID
EACH KIT INCLUDES:
1 Instructors Guide containing information about the importance of seeds, 7 different classroom activities with detailed teaching procedures along with specific observation questions for each activity
39 Real Tree Seeds with each seed carded, labeled, and bagged.
Seed key for unknowns in kit
Sprouting seed kit
Seeds to grow your own tree.
Nuts, berries, pods, wings, acorns and more

Specialized Nature Kits \$25-30
Wildcare
http://www.wildcarebayarea.org/site/PageServer?pagename=NatureEducation_Programs_NatureI
2 or 3 week rental. Nature Kits contain: a taxidermied animal in a life-like pose, information cards with important facts about the animal, facsimile ceramic bird eggs for students to handle in bird kits, ideas for integrated, thematic experiences, and a poster. Choose from: Animal Footprints, Indian Uses of Native Plants, Beaks and Feet Comparative Kit, Butterflies, Water Cycle Puppets.

Posters/Pictures/Slides

African Rainforest Poster \$7-8
Einstein's Emporium
<http://www.einsteins-emporium.com>
The rainforests are essential to our survival as they produce most of the oxygen we breathe. Poster features a wonderful true-to-life illustration of that particular rainforest environment, complete with many species of plants and animals. This is accompanied by informative text, charts, maps and other information. 23.25" x 36.25" size and have special glow-in-the-dark ink to enhance your enjoyment of them at night.

Bats of the Western Forest \$6-7
Bat Conservation International
<http://www.batcon.org>
P-8
A full color poster illustrated by David Chapman illustrating bats found in the Western forests of the United States. Size is 36" x 24".

Bats Poster

\$7-8

Bat Conservation International

<http://www.batcon.org>

P-3

This 27" x 39" poster has color illustrations of 38 species from around the world. Text includes each species' scientific name, with common name in English. Some species' common names are also in Italian and French.

Biodiversity: From Sea to Shining Sea

\$5-6

Acorn Naturalists

<http://www.acornnaturalists.com/store/BIODIVERSITY-from-Sea-to-Shining-Sea-Poster-P102C0.a>
#PO-5665

Kit includes two diversity postes: biomes of North America and Window on the Wild. Also contains an informative, twelve page educator's guide.

Leaf Collection

\$25-30

Acorn Naturalists

<http://www.acornnaturalists.com/store/LEAF-COLLECTION--P699C0.aspx>
KIT-8299

Starter collection of 12 real leaves mounted on a 12" x 16" poster board, enclosed in a clear, sturdy vinyl envelope. Each major leaf type and shape is represented. Each specimen is identified with common and botanical names along with botanical information. Explore how leaf shape helps a plant meet its needs. Perfect addition to botany resource tables or for individual review. Perfect for students in grades K-12.

Survival by Camouflage (Microslide set)

\$10-15

Acorn Naturalists

<http://www.acornnaturalists.com/>
#T-8180.

Survival by Camouflage (Microslide set). Features caterpillar larvae on orchid, mites on plant, walking sticks, moth on bark, tree frogs on bark, viper snake in leaves, moth with leaves, katydid nymph on leaf.

Stickers/Games

Puma Activity Book

FREE

Felidae Conservation Fund

Available free online pdf.

http://www.felidaefund.org/pdf/activity_book.pdf

The Bay Area Puma Project (BAPP) is the first large scale research, education and conservation program for pumas in and around the San Francisco Bay Area. BAPP's primary goal is to increase knowledge, understanding and awareness about Bay Area puma populations, in order to promote better co-existence and less conflict between humans and pumas in the region, and ultimately to help foster a more harmonious relationship between humans and the natural world.
<http://www.bapp.org/objectives>

Teacher Guide/Reference/Curriculum

Discover Fossils Study Guide	\$30-35
Delta Education	
<i>http://www.delta-education.com/</i>	
201-3406	
Encourages students to look at fossils as records of all the plants and animals that have ever lived and reviews behavior patterns of the earliest creatures. Covers fossil identification and collection in detail.	
Educator's Activity Book about Bats	\$10-15
Bat Conservation International	
<i>http://www.batcon.org</i>	
B-19	
1991, 62 p. Eighteen games, crafts, and other activities in this BCI guide for teachers. In-depth background information on bat myths, anatomy and scientific classification, plus a 30-word glossary. Nonfiction softcover.	
Exploring California Ecology	\$35-40
Oakland Museum of California	
<i>http://www.museumca.org</i>	
CODE C3	
Fee: \$35/Oakland, \$40/non-Oakland Discover how plants and animals are uniquely adapted fore survival in California's many natural regions as present in the Natural Sciences Gallery. Materials can be used alone or in conjunction with a museum visit. Included are 15 color transparencies of animals and plants form the galley, background info. And hands-on activities. An emphasis on feeding adaptations and defensive strategies.	
From Snake Skins to Bird Beaks: Animal Adaptations	\$4-5
Acorn Naturalists	
<i>http://www.acornnaturalists.com/</i>	
#B-13081.	
From Snake Skins to Bird Beaks: Animal Adaptations. Androskaut, Editor. This booklet contains a series of fun, field-tested and thoroughly engaging activities for teachers, interpreters, and outdoor educators. Some of the creative ideas include a fun "perch challenge" for children in the crowd who think they can perch like a bird, pond adaptation game using simple costumes, activities involving camouflage, predators, birds and beaks, raccoons, migration madness and more. Creative ideas abound here!	
More Parkland Discoveries	\$10-15
Tilden Nature Area-Tilden Regional Park	
<i>http://www.ebparks.org</i>	
A companion to Parkland Discoveries. Combining articles and activities, this collection is site specific with activities for use during a field trip or back in the classroom as a follow up lesson. Comes in its own 3-ring binder.	Available at all of the East Bay Parks interpretive centers (Ardenwood, Coyote Hills, Sunol, Black Diamond Mines, Crab Cove, and Tilden), or can be ordered through the mail.

Parkland Discoveries

Tilden Nature Area-Tilden Regional Park

<http://www.ebparks.org>

A collection of informative articles describing aspects of history and natural life in the East Bay. This award winning resource is designed to give teachers and others background information in preparation for study and/or field trips to East Bay Regional Parks.

\$4-5

Available at all of the East Bay Parks interpretive centers (Ardenwood, Coyote Hills, Sunol, Black Diamond Mines, Crab Cove, and Tilden), or can be ordered through the mail.

Teacher's Guide to Open Ocean (MARE)

Lawrence Hall of Science

lawrencehallofscience.org

MAR4

Turn your classroom into an interdisciplinary laboratory for the study of the rocky seashore or visit the hidden world of the sandy beach without leaving your classroom. MARE teacher curriculum guides are packed with hands-on activities covering earth, physical, biological and environmental sciences, plus children's literature connections and information on how to plan a whole-school Ocean Week. All activities are designed to promote science literacy and language development among English Language Learners.

\$60-70

Waves, Wetlands, and Watersheds

California Coastal Commission, Public Education Program

<http://www.coastforyou.org>

a classroom and community activity guide for teachers that addresses issues such as endangered species, marine debris, coastal geology, water use, and much more. It is carefully aligned to the California State Science Content Standards for grades 3 through 8, and includes "Community Action" lessons adaptable for all ages up to and beyond 12th grade. The guide is available for free from the California Coastal Commission. Spanish translated handouts are in printable, downloadable PDF format at <http://www.coastal.ca.gov/publiced/pendx.html>

FREE

Tools/Equipment

Classroom Living Machine

National Gardening Association

<http://www.garden.org>

18-1201

The Classroom Living Machine is a self-contained growing system that enables students to design and create a dynamic, biologically-active ecosystem geared for hands-on learning. Within the unit, four distinct (see image below) habitats form a self-supporting, leak-proof wetland ecosystem that you and your students create. As the habitat grows, observe the dynamics of natural systems, study plant and animal relationships, and even add a small amount of waste to the system to see how pollution affects nature! Start the Living Machine with plants and animals from local environments: aquatic plants, snails, minnows, and much more. A Starter Kit (pondwater, mud and aquatic plants) is also available. Made of durable 1/4 acrylic

\$500-600

Dinosaur Globe

Math Science Nucleus

<http://www.ms-nucleus.org>

MSN-022

Vinyl inflatable globe that shows where the bones of specific dinosaurs are found. Helps show students that dinosaurs, like animals today, lived in different parts of the globe.

\$3-4

Litmus Paper

\$1-2

American Science & Surplus

<http://www.sciplus.com/>
88219

Chemically treated paper strips to test for acid or base (alkaline) solutions. Use the Blue Litmus Paper (#88217, \$1.90/2 vials) for acidity tests, the Red Litmus Paper (#88218, \$1.90/2 vials) for alkalinity. The more sophisticated Hydrion paper strip indicates pH from 1 (dark red) to 11 (dark blue). Values in between can be read by comparing with a color chart on the side of the container. All have 100 strips of test paper per vial.

Video

Adventures of Wayan and the 3 R's

\$70-80

The Video Project

<http://www.videoproject.org/>
#192 VHS NTSC

One day while playing, six-year old Wayan is upset to find plastic litter scattered around his lush, green village on the island paradise of Bali. That night, the shadow puppet master performs a play about a king who cleans up his domain by learning to reduce, reuse and recycle garbage. Wayan decides to lead an effort to tidy his village by practicing the three "R's." He and his friends celebrate their success with a surprise parade featuring musical instruments constructed from discarded plastic.

America's Endangered Species: Don't Say Goodbye

\$15-20

National Geographic

<http://www.nationalgeographic.com/education/>
70017

Can a picture save a species? Photographers Susan Middleton and David Liittschwager are in a race against the clock to capture powerful portraits of America's most threatened creatures. Join them on this unforgettable adventure that takes them from the California Sierra to the deep South, from the woods of North Carolina to the Pacific's shores. Along the way, they encounter a camera-shy, black-footed ferret, capture the beauty of golden trout, help release a pair of red wolves back to the wild, and watch from a front-row seat as a bald eagle chick is returned to its cliff side nest. Their every picture tells a story and makes the plea: DON'T SAY GOOD BYE! to America's natural treasures. Shipping cost: \$5.95

Ana in the Rainforest

\$50-60

Bullfrog Films

<http://www.bullfrogfilms.com>
1-56029-455-8

\$59 to purchase \$20 to rent. 11 min, Grades K-4. For a class report on the rainforest, Ana had hoped to exhibit her pet iguana, Lizzie. The plan is upset when Lizzie gets sick. In an animated dream, Ana takes an imaginary journey to a tropical rainforest where she finds a cure for her sick iguana. While there she learns about the rainforest- its beauty and complex life cycle. Ana also learns about the dangers the forest faces and wakes up determined to help save the forests.

Backyard Safari - full series

\$400-500

GPN Educational Media

<http://shopgpn.com/>
Product Code: 686.0000V

Backyard Safari is an engaging series of 13 half-hour programs that introduce four-to seven-year olds to topics in science and natural history. The primary goal of the series is to excite children, particularly those in under-served audiences, such as girls and children of color, to investigate the natural world and develop positive connections with scientific practice. A complementary goal is to help empower all children to see themselves as “scientists” who can turn off the television, step outside, and learn directly from the world around them.

Backyard Safari: Birds
GPN Educational Media

\$35-40

<http://shopgpn.com/>

Product Code: 686.0002V

Backyard Safari is an engaging series of 13 half-hour programs that introduce four-to seven-year olds to topics in science and natural history. The primary goal of the series is to excite children, particularly those in under-served audiences, such as girls and children of color, to investigate the natural world and develop positive connections with scientific practice. A complementary goal is to help empower all children to see themselves as “scientists” who can turn off the television, step outside, and learn directly from the world around them.

By examining birds, your students will see how wildlife adapts to the environment:

- How birds' bodies are suited to their climat and habitat.
- What variety of foods birds eat.
- How to identify birds by their appearance and calls.

Backyard Safari: Dinner Tools
GPN Educational Media

\$35-40

<http://shopgpn.com/>

Product Code: 686.0006V

Backyard Safari is an engaging series of 13 half-hour programs that introduce four-to seven-year olds to topics in science and natural history. The primary goal of the series is to excite children, particularly those in under-served audiences, such as girls and children of color, to investigate the natural world and develop positive connections with scientific practice. A complementary goal is to help empower all children to see themselves as “scientists” who can turn off the television, step outside, and learn directly from the world around them.

It's time to dine at the Backyard Safari! Your students will learn:

- How animals use their beaks, tongues, and teeth as tools.
- How tongues differ among animals depending on what they eat.
- What types of foods animals eat.

Banana Zoo: Endangered Species
Amazon.com

\$5-6

http://www.amazon.com/Banana-Zoo-Endangered-Species-VHS/dp/1575234475/ref=sr_1_1?ie=L

Banana Zoo" features colorful animated characters and puppets that entertain children and educate them about the marvels of the Animal Kingdom. Young viewers will sing, dance and laugh -- and learn much about our planet's wonderful animals! Tune in and meet Banana, your animated chimpanzee buddy and host for the show. Enjoy "Banana News," which brings you up close with an exciting new animal. Follow along with Banana's puppet friends as they take you on fun wild animal adventures around the globe! Join Banana and his friends as they take a close look at an important topic -- the possible extinction of beautiful animals. VHS tape.

Bill Nye: Archaeology

Disney Education Products

<http://www.edustation.disney.com>

68C42VL00

Bill digs into the fascinating science of archaeology, the study of those who lived before us. Generally videos are paced for older students and can help reinforce "why" of science concepts in a fun format. Some 1st grade matches are noted if desired.

\$35-40

Can borrow from the Alameda County Office of Education, some titles available at public libraries. Berkeley school teachers can borrow from the Central Media Library at Berkeley High School.

Bill Nye: Caves

Disney Education Products

<http://www.edustation.disney.com>

68E52VL00

Explore an array of natural adaptations in the bizarre world of caves!

\$35-40

Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media

Bill Nye: Dinosaurs

Disney Education Products

<http://www.edustation.disney.com>

68A61VL00

Robin Leach ("Lifestyles of the Rich and Famous") and John Ratzenberger ("Cheers") drop by to help Bill Nye take a closer look at dinosaurs and what has been discovered about the lifestyles of the big and extinct.

\$35-40

Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media

Bill Nye: Evolution

Disney Education Products

<http://www.edustation.disney.com>

68E54VL00

Explore the surprising similarities shared by all living things and ponder the possibility that birds evolved from dinosaurs.

\$35-40

Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media

Bill Nye: Fish

Disney Education Products

<http://www.edustation.disney.com>

68C08VL00

Take a dive underwater and discover how fish breathe, grow, and survive in the wet.

\$35-40

Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media

Bill Nye: Insects DVD

Disney Education Products

<http://www.edustation.disney.com>

77A13VL00

In "Insects," Bill talks to special guest Queen Latifah, who's abuzz about her other favorite queens--bees. The lab kids go exploring at an insectarium and go digging for insect fossils. In addition to the complete 26-minute episode of "Insects," this disk is loaded with incredible DVD features like:

- *Fully indexed "chapters" correlated to National Science Standards.
- *Interactive glossaries and quizzes.
- *Bonus footage of never-before-seen segments, interviews, and demos.
- *Spanish translation

\$45-50

Bill Nye: Marine Mammals	\$35-40
Disney Education Products	Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media
http://www.edustation.disney.com 68C09VL00	
Marine mammals may look like big fish, but Bill Nye the Science Guy explains how they're more like humans. Listen closely to hear mammals communicate underwater and find out how our "relatives at sea" have found ways to live in oceans all around the world.	
Bill Nye: Plants	\$35-40
Disney Education Products	Some titles available at public libraries. Berkeley school teachers can borrow from the Central Media
http://www.edustation.disney.com 68A53VL00	
Get to the root of the matter to explain wild things about plants such as how they breathe, make food, defend themselves, and move their seeds around!	
Discovery Channel Animal Adaptation Videos	\$25-30
DEMCO Library & School Supply	
http://www.demco.com	
45 different titles, 29.99 each. This extensive animal profile series provides for curriculum enrichment as well as multi-grade level use. Representative examples from the mammal, snake and bird classes are filmed in their natural habitat at the Washington Park Zoo and the Oregon Wildlife Safari. Teacher's resource guide includes key vocabulary, animal facts and pre-/post-viewing activities. 10-15 min. Interest Level: Grade 2-Grade 6.	
Eye Witness Jungle Video	\$6-7
Acorn Naturalists	
http://www.acornnaturalists.com/store/EYEWITNESS-JUNGLE-VIDEO-P590C0.aspx #V-4147	
Demonstrates why rainforests harbor the greatest concentration of life in the world, helping all to recognize their significance as a source of genetic diversity. Spectacular photography of some of the most dramatic places on the planet. For all ages, 35 minutes.	
Eyewitness: Insect	\$6-7
Acorn Naturalists	
http://www.acornnaturalists.com/store/EYEWITNESS-INSECT-VIDEO-P2245C0.aspx V-4201	
Most people have viewed insects at a distance or put out "hotels" for them, but few realize the incredible diversity, beauty and drama presented by this amazing group of invertebrates. Utilizing advanced techniques, this video creates 3-D graphics that reveal the form, function, and lifestyle of this generally misunderstood group. 35 minutes	
Eyewitness: Ocean	\$6-7
Acorn Naturalists	
http://www.acornnaturalists.com/store/EYEWITNESS-OCEAN-VIDEO-P534C0.aspx V-6329	
Treat students to some of the most amazing underwater footage ever captured! There is a vast array of life that inhabits much of the earth, and they never appear on land! Compare and contrast different species, learn their survival techniques, and marvel at colorful creatures. 35 minutes	

K - 12 Online Animal Videos & Media

FREE

PBS Learning Media

<http://www.teachersdomain.org>

Free use of website but must log in. Part of WGBH public television in Boston. Teachersdomain.org features a variety of videos and media sources that can be viewed and played directly from the website. A great multi-purpose resource.

Kids Discover Bats!

\$10-15

Bat Conservation International

<http://www.batcon.org>

AV6

Endorsed by Janell Cannon, award-winning author and illustrator of *Stellaluna*, this new video is for kids of all ages. It has 22 minutes of exciting live-action footage and clever animation, bringing the little-known world of these incredible animals into your home or classroom. Five young narrators explain that there are nearly 1,000 kinds of bats, and they're not the scary bad guys of Halloween legends, but instead are our gentle, helpful friends. VHS only.

Microcosmos

\$15-20

Amazon.com

http://www.amazon.com/Microcosmos-Kristin-Scott-Thomas/dp/B0000DZ3BS/ref=sr_1_1?ie=UTF8
ASIN: B0000DZ3BS

Engaging 75 minute video captures the mystery and adventure of a spectacular hidden universe that is thriving right outside your door. Spectacular macro-photographic techniques show real-life duals between stag beetles, hordes of "giant" worker ants racing to stock their larders, close-up pictures of caterpillar to butterfly transformations, and remarkable footage showing the birth of a mosquito. With its cast of thousands, this real-life video shows that nature remains the greatest special effects wizard of all. Winner of the Cannes Film Festival grand prize for technological achievement.

Reading Rainbow: Desert Giant Family Literacy Kit - DVD

\$60-70

GPN Educational Media

<http://shopgpn.com/>

Family Literacy Kit Contents:

1 nylon backpack

1 30-minute DVD of *The Desert Giant*

1 feature book - *The Desert Giant*

1 laminated Family Activity Sheet

Episode Description

This is the story of the life cycle and ecosystem of the giant saguaro cactus and the animals it helps to support in the desert.

LeVar explains the life and seasons of the desert. Inhabitants including jack rabbits, bobcats, gila monsters, a javelina pig and woodpeckers are a few that this segment features. He explores how cacti adapt to the heat and scarcity of water, and explains the appropriate dress for people in a hot, dry climate. A "snake man" gives a close-up look at rattlesnakes.

Reading Rainbow: Desert Giant- The World of the Saguaro Cactus

\$25-30

GPN Educational Media

<http://shopgpn.com/>

126.062

This is the story of the life cycle and ecosystem of the giant saguaro cactus and the animals it helps to support in the desert. LeVar explains the life and seasons of the desert. Inhabitants including jack rabbits, bobcats, gila monsters, a javelina pig and woodpeckers are a few that this segment features. He explores how cacti adapt to the heat and scarcity of water, and explains the appropriate dress for people in a hot, dry climate. A "snake man" gives a close-up look at rattlesnakes. Teacher Guide and Science Guide available for download at <http://gpn.unl.edu/>

Recycle More

\$60-70

The Video Project

<http://www.videoproject.org/>
#807

See exactly what happens to your recycled goods as you trace a bottle from a school recycling bin through the step-by-step process that transforms it into plastic lumber, carpet, or even filler for a sleeping bag! This video closely illustrates the process of recycling, and inspires viewers by showing real students learning about the 3Rs: Reduce, Reuse and Recycle.

Recycling is Fun!

\$180-200

Bullfrog Films

<http://www.bullfrogfilms.com>

\$25.00 rental \$195 purchase - Three captivating young children explore the three Rs of recycling -reduce, recycle, reuse. To educate themselves, they visit a landfill, a recycling center, and their local supermarket to find out what they can do to help with our solid waste crisis. At the landfill they see what the crisis looks (and smells) like, and what could be removed from the waste stream. The recycling center lets them separate and prepare recyclables to replace raw materials (saving landfill space, energy and trees) and even pays them for some of the recyclables they collected. Visiting the grocery store they have a treasure hunt, looking for new products made from, or packaged in, recycled paper or plastic containers. They discover their own power to recycle and chose what they buy, for the benefit of their world.

Science in Action

\$20-25

Foundation for Biomedical Research

<http://www.fbresearch.org>

K-4 animated video designed to excite children about science. Included with video are a teacher's guide/activity booklet and activity sheets. The video is a story about a scientist who takes a young boy and his sister on an adventure through time and space. They encounter everything from meteors to dinosaurs and realize that science is part of practically everything around them. (8 minutes)

The Secret World of Bats - DVD

\$10-15

Bat Conservation International

<http://www.batcon.org>
(AV-9D)

This 48-minute film, originally shown on CBS television, captures all aspects of bat behavior as world-renowned cinematographer Dieter Plage follows Bat Conservation International founder Merlin Tuttle across five continents, capturing all aspects of bat behavior with remarkable slow-motion photography. DVD.

Totally Tropical Rain Forest

\$10-15

Teacher's Video Company

<http://www.teachersvideo.com>
Product # : 362212

National Geographic introduces your kids to spotted jaguars, poison-arrow frogs, slithering sloths, and screaming howler monkeys, all residents of the world's rainforests! Short music video segments teach your students about weird and wonderful creatures. 40 minutes.