



**Correlated to 3rd Grade Science Standards of Learning
January 2010**

The third-grade Standards place increasing emphasis on conducting investigations. Students are expected to be able to develop questions, formulate simple hypotheses, make predictions, gather data, and use the metric system with greater precision.

Force, Motion and Energy

3.2 The student will investigate and understand simple machines and their uses.

Simple Machines	978-0-8239-8622-4	33.00	L	Rosen
Simple Machines	A7202	39.00	K	Benchmark
Castle Under Siege! Simple Machines	978-1-4109-1980-9	47.94	L	Heinemann-Raintree
Screws (Simple Machines)	978-1-4034-8602-8	44.94	O	Heinemann-Raintree
Wheels and Cranks (Simple Machines)	978-1-4034-8604-2	44.94	O	Heinemann-Raintree
Levers (Simple Machines)	978-1-4034-8599-1	44.94	O	Heinemann-Raintree
Pulleys and Gears (Simple Machines)	978-1-4034-8600-4	44.94	O	Heinemann-Raintree
<i>Force and Motion (How Can I Experiment with ... ?)</i>	978-1-58952-017-2	8.95	--	Rourke
<i>I Use Simple Machines (My Science Library)</i>	978-1-61741-930-0	7.95	D	Rourke

Matter

3.3 The student will investigate and understand that objects are made of materials that can be described by their physical properties.

What Is Matter?	A7083	39.00	J	Benchmark
Matter Is Everywhere: Solids, Liquids and Gases	A46105	49.00	L	Benchmark
A Matter of Survival	978-1-4109-1976-2	47.94	K	Heinemann-Raintree
Measuring Matter	A50706	44.00	O	Benchmark
The Solid Truth about States of Matter	978-1-4296-3511-0	47.70	S	Heinemann-Raintree
Matter See it, Touch it, Taste it, Smell It	978-1-4048-1434-9	47.70	N	Heinemann-Raintree
Solids (Bridges)	A76881	45.00	K	Benchmark
Solids (Navigators)	A34794	44.00	N	Benchmark
<i>Solid or Liquid? (My Science Library)</i>	978-1-61741-928-7	7.95	D	Rourke
<i>Matter Comes in All Shapes (My Sci Library)</i>	978-1-61741-941-6	7.95	J	Rourke
<i>Melting Matter (My Science Library)</i>	978-1-61741-954-6	7.95	N	Rourke

Title	ISBN/Code No.	Price	Rdg Level	Publisher
-------	---------------	-------	-----------	-----------

Prices quoted are six-packs except for big books and single copy titles; order six to make a six-pack.



**Correlated to 3rd Grade Science Standards of Learning
January 2010**

Life Processes

3.4 The student will investigate and understand that adaptations allow animals to respond to life needs and respond to the environment.

Camouflage: Survival in the Wild	978-1-4358-0154-7	51.00	N	Rosen
Hiding in Deserts (Creature Camouflage)	978-1-4329-4039-3	47.94	L	Heinemann-Raintree
Hiding in Forests (Creature Camouflage)	978-1-4329-4040-9	47.94	L	Heinemann-Raintree
Hiding in Grasslands (Creature Camouflage)	978-1-4329-4042-3	47.94	L	Heinemann-Raintree
Hiding in Oceans (Creature Camouflage)	978-1-4329-4038-6	47.94	L	Heinemann-Raintree
Hiding in Rain Forests (Creature Camouflage)	978-1-4329-4044-7	47.94	L	Heinemann-Raintree
Hiding in Wetlands (Creature Camouflage)	978-1-4329-4043-0	47.94	L	Heinemann-Raintree
Hiding in Mountains (Creature Camouflage)	978-1-4329-4041-6	47.94	L	Heinemann-Raintree
Mexico or Bust! Migration Patterns	978-1-4109-2876-4	47.94	L	Heinemann-Raintree
Animals of the Desert Adapting to Survive	978-1-4358-0126-4	42.00	L	Rosen
Hibernation (Nature's Patterns)	978-1-4109-1324-1	47.94	M	Heinemann-Raintree
Animal Life Cycles (Nature's Patterns)	978-1-4109-1323-4	47.94	M	Heinemann-Raintree
Adaptation (Organisms Past and Present)	A46288	49.00	N	Benchmark
Migration (Nature Patterns)	978-1-4034-5891-9	47.94	L	Heinemann-Raintree
Explore the Deciduous Forest	978-0-7368-9738-9	47.70	P	Heinemann-Raintree
Explore the Ocean	978-0-7368-9741-9	47.70	P	Heinemann-Raintree
Explore the Tropical Rain Forest	978-0-7368-9742-6	47.70	P	Heinemann-Raintree
<i>What Do Critters Do in the Winter? (My Sci Lib)</i>	978-1-61741-948-5	7.95	L	Rourke
<i>Animal Adaptations (My Science Library)</i>	978-1-61471-935-5	7.95	F	Rourke

Living Systems

3.5 The student will investigate and understand relationships among organisms in aquatic and terrestrial food chains.

Rotters! Decomposition	978-1-4109-2002-7	47.94	M	Heinemann-Raintree
Food Chains (Nature's Patterns)	978-1-4034-5890-2	47.94	N	Heinemann-Raintree
Shark Snacks: Food Chains and Webs	978-1-4109-2004-1	47.94	L	Heinemann-Raintree
Hiding in Oceans (Creature Camouflage)	978-1-4329-4038-6	47.94	L	Heinemann-Raintree
<i>What's On the Food Chain Menu?</i>	978-1-61741-947-8	7.95	K	Rourke

Title	ISBN/Code No.	Price	Rdg Level	Publisher
-------	---------------	-------	-----------	-----------

Prices quoted are six-packs except for big books and single copy titles; order six to make a six-pack.



**Correlated to 3rd Grade Science Standards of Learning
January 2010**

3.6 The student will investigate and understand that ecosystems support a diversity of plants and animals that share limited resources.

What if There Were No Bees?	978-1-4048-6428-3	52.63	--	Heinemann-Raintree
Life in a Swamp: A Wetlands Habitat	978-1-4358-0142-4	42.00	N	Rosen
Forest Animals (Animals in Their Habitats)	978-1-4034-2927-8	47.94	N	Heinemann-Raintree
Pond Animals (Animals in Their Habitats)	978-1-4034-2929-2	47.94	N	Heinemann-Raintree
Seashore Animals (Animals in Their Habitats)	978-1-4034-2933-9	47.94	N	Heinemann-Raintree
Wetlands (Ecosystems)	978-0-7368-9267-4	41.70	Q	Heinemann-Raintree
Explore Tropical Rain Forest (Expl the Biomes)	978-0-7368-9742-6	47.70	P	Heinemann-Raintree
Explore the Ocean (Explore the Biomes)	978-0-7368-9741-9	47.70	P	Heinemann-Raintree
Explore the Grasslands (Explore the Biomes)	978-0-7368-9740-2	47.70	P	Heinemann-Raintree
Explore the Desert (Explore the Biomes)	978-0-7368-9739-6	47.70	P	Heinemann-Raintree
Explore the Deciduous Forest	978-0-7368-9738-9	47.70	P	Heinemann-Raintree
Life in a Pond (Nature in Focus)	978-1-4339-3413-1	53.70	M	Gareth Stevens

Interrelationships in Earth/Space Systems

3.7 The student will investigate and understand the major components of soil, its origin and importance to plants and animals including humans.

The Science of Soil	978-1-4358-0034-2	36.00	I	Rosen
Dirt: The Scoop on Soil	978-1-4048-1429-5	47.70	M	Heinemann-Raintree
Rocks and Soil (Earth and Space)(big book)	Y09833	34.00	--	Benchmark
Rocks and Soil (Earth and Space)	Y09809	34.00	--	Benchmark

Earth Patterns, Cycles, and Change

3.8 The student will investigate and understand basic patterns and cycles occurring in nature.

The Lunar Cycle: Phases of the Moon	978-1-4358-0004-5	42.00	M	Rosen
The Moon Exposed	978-1-4109-2633-3	47.94	L	Heinemann-Raintree
Plant Experiments: What Affects Plant Growth?	978-1-4358-0132-5	42.00	M	Rosen
How Do Plants Grow? (World of Plants)	978-1-4034-7370-7	47.94	N	Heinemann-Raintree
Day and Night (Nature's Patterns)	978-1-4034-5889-6	47.94	L	Heinemann-Raintree
Plant Life Cycle (Nature's Patterns)	978-1-4109-1325-8	47.94	M	Heinemann-Raintree
Animals Life Cycles (Nature's Patterns)	978-1-4109-1323-4	47.94	M	Heinemann-Raintree

Title	ISBN/Code No.	Price	Rdg Level	Publisher
-------	---------------	-------	-----------	-----------

Prices quoted are six-packs except for big books and single copy titles; order six to make a six-pack.



**Correlated to 3rd Grade Science Standards of Learning
January 2010**

Grow a Plant Inch by Inch	978-1-4042-5445-9	30.00	E	Rosen
Earth's Water (Earth and Space)(big book)	Y09817	34.00	--	Benchmark
Earth's Water (Earth and Space)	Y09793	34.00	--	Benchmark
<i>How Do Plants Grow? (My Science Library)</i>	978-1-61741-923-2	7.95	C	Rourke
<i>Plant Life Cycles (My Science Library)</i>	978-1-61741-936-2	7.95	I	Rourke
<i>Seeds, Bees and Pollen (My Science Library)</i>	978-1-61741-950-8	7.95	L	Rourke

3.9 The student will investigate and understand the water cycle and its relationship to life on Earth.

Water (My World of Science)	978-1-4329-1485-1	47.94	M	Heinemann-Raintree
Water: Reduce, Reuse, Recycle	978-1-4034-9730-7	47.94	M	Heinemann-Raintree
The Life and Times of a Drop of Water	978-1-4109-1987-8	47.94	L	Heinemann-Raintree
Water: Up, Down and All Around	978-1-4048-1439-4	47.70	M	Heinemann-Raintree
Learning About the Water Cycle with Graphic Organizers	978-1-4042-5047-5	42.00	Z	Rosen

Earth Resources

3.10 The student will investigate and understand that natural events and human influences can affect the survival of species.

Living Green: Saving Our Earth	978-1-4358-0122-6	42.00	M	Rosen
You Scratch My Back... (Symbiosis)	978-1-4109-2878-8	47.94	L	Heinemann-Raintree
The Future-Bleak or Bright (Earth's Resources)	978-1-4109-1990-8	47.94	L	Heinemann-Raintree
Erosion: Changing Earth's Surface	978-1-4048-3172-8	47.70	N	Heinemann-Raintree

3.11 The student will investigate and understand different sources of energy.

Forms of Energy	978-1-4358-0124-0	42.00	O	Rosen
Voyage of a Light Beam	978-1-4109-2005-8	47.94	L	Heinemann-Raintree
A Refreshing Look at Renewable Energy with Max Axiom , Super Scientist	978-1-4296-3903-3	47.40	S	Heinemann-Raintree
The Powerful World of Energy with Max Axiom, Super Scientist	978-1-4296-3510-3	47.40	S	Heinemann-Raintree
Potato Clocks and Solar Cars	978-1-4109-2882-5	47.94	L	Heinemann-Raintree
The Day the Sun Went Out	978-1-4109-1991-5	47.94	L	Heinemann-Raintree
Renewable Energy (Energy Essentials)	978-1-4109-1706-5	53.94	O	Heinemann-Raintree

Title	ISBN/Code No.	Price	Rdg Level	Publisher
-------	---------------	-------	-----------	-----------

Prices quoted are six-packs except for big books and single copy titles; order six to make a six-pack.



**Correlated to 3rd Grade Science Standards of Learning
January 2010**

Ethanol and Other New Fuels (Energy for Today)	978-1-4339-0429-5	35.70	N	Gareth Stevens
Oil, Gas and Coal (Energy for Today)	978-1-4339-0430-1	35.70	N	Gareth Stevens
Nuclear Power (Energy for Today)	978-1-4339-0431-8	35.70	N	Gareth Stevens
Solar Power (Energy for Today)	978-1-4339-0432-5	35.70	N	Gareth Stevens
Water Power (Energy for Today)	978-1-4339-0433-2	35.70	N	Gareth Stevens
Wind Power (Energy for Today)	978-1-4339-0434-9	35.70	N	Gareth Stevens

05/02/12

Title	ISBN/Code No.	Price	Rdg Level	Publisher
-------	---------------	-------	-----------	-----------

Prices quoted are six-packs except for big books and single copy titles; order six to make a six-pack.