

## Third Grade Science Books

**STANDARD I:** *Students will understand that the shape of Earth and the moon are spherical and that Earth rotates on its axis to produce the appearance of the sun and moon moving through the sky.*

**Big Books:** Is it Alive? -Newbridge Order Number: NCL825769

Watching the Night Sky: Newbridge Order Number: NCL806180

Gravity- **Newbridge** ISBN: 1-58273-024-5

Math on the Moon-Benchmark- Order Number: 6 pack WWA9493

Magic School Bus Lost in the Solar System- Scholastic-ISBN: 0-590-41429-1

**STANDARD II:** *Students will understand that organisms depend on living and nonliving things within their environment.*

**Big Book:** Is it Alive? :Newbridge - Order Number: NCL825769

Life in Your Backyard: Newbridge-Order Number NCL804373

Animal Plant or Mineral?: Rigby-ISBN: 0-7327-0851-6

Life in Your Backyard: Newbridge-Order Number: 6 pack NCL804374

**STANDARD III:** *Students will understand the relationship between the force applied to an object and resulting motion of the object.*

Work: Lerner-ISBN: 978-0-8225-3351-1LF

Motion and Energy at Play: Macmillan/McGraw-Hill -ISBN: 0-02-28663-7

**STANDARD IV:** Students will understand that objects near Earth are pulled toward Earth by gravity.

**Big Book-**Gravity:Newbridge- Order Number-NCL825804

Gravity:Newbridge- Order Number- 6 pack-NCL825390-06

**STANDARD V:** Students will understand that the sun is the main source of heat and light for things living on Earth. They will also understand that the motion of rubbing objects together may produce heat.

Heat: Macmillan/McGraw-Hill-ISBN: 002286883

Heat: Rosen-Order Number: 978-1-4042-2376-9-BA

## ***Fourth Grade Science Books***

**STANDARD I:** *Students will understand that water changes state as it moves through the water cycle.*

The Water Cycle: Macmillan/McGraw-Hill-ISBN: 0-02-286498-9

\*Water Vapor and the Water Cycle: Millmark-Order Number-F8CDA19B

**STANDARD II:** *Students will understand that the elements of weather can be observed, measured, and recorded to make predictions and determine simple weather patterns.*

Forecasting the Weather: Heinemann-ISBN: 1-4034-0127-6

\*The Weather Detectives: Macmillan/McGraw-Hill-ISBN: 0-02-286502-0

\*Weather Properties and Patterns: Millmark-Order Number-F8CDA19C

**STANDARD III:** *Students will understand the basic properties of rocks, the processes involved in the formation of soils, and the needs of plants provided by soil.*

**Big Book:** Remarkable Rocks:Newbridge Order Number: NCL804367

Remarkable Rocks-Newbridge : Order Number: 6 pack NCL804368

Rocks: Macmillan/McGraw-Hill-ISBN: 0-02-286472-5

\*Earth's Changing Surface, The Rock Cycle: Millmark-Order Number 6 pack: F8CCA02C

**STANDARD IV:** *Students will understand how fossils are formed, where they may be found in Utah, and how they can be used to make inferences.*

Fossils and Fossil Fuels: Macmillan/McGraw-Hill-ISBN: 0-02-286609-4

**STANDARD V:** *Students will understand the physical characteristics of Utah's wetlands, forests, and deserts and identify common organisms for each environment.*

Describe the physical characteristics of Utah's wetlands, forests, and deserts.

Big Books: Life in the Desert :Newbridge -Order Number: NCL803268

Life in the Temperate Forest: Newbridge- Order Number: NCL821324

\*Life in the Desert : Newbridge -Order Number: 6 pack NCL803282

Life in the Temperate Forest:Newbridge- Order Number: 6 pack NCL821138-06

Ecosystems: National Geographic-ISBN: 0792245784

Classification Clues: National-ISBN: 0-7922-4576-8

## Fifth Grade Science Books

**STANDARD I:** Students will understand that chemical and physical changes occur in matter.

Big Book: The World of Matter:Newbridge- Order Number: NCL807910

The World of Matter:Newbridge- Order Number: 6 pack NCL807911

Matter and Its Properties: Harcourt ISBN: 0-15-343859-2

**STANDARD II:** Students will understand that volcanoes, earthquakes, uplift, weathering, and erosion reshape Earth's surface.

Big Book: The Restless Earth:Newbridge -Order Number: NCL803262

The Restless Earth:Newbridge -Order Number: 6 pack NCL804925

Our Changing Earth: Pacific Learning -ISBN: 0-478-23795-2

\*Volcanoes and Earthquakes: Different Types: Millmark-Order Number: 6 pack-F8CCA08C

\*Volcanoes and Earthquakes: Plate Tectonic Theory: Millmark-Order Number: 6 pack-F8CCA08D

**STANDARD III:** Students will understand that magnetism can be observed when there is an interaction between the magnetic fields of magnets or between a magnet and materials made of iron.

How do Toys Work? : Macmillan/McGraw-Hill - ISBN: 0-02-286662-0

Working with Electricity and Magnetism: Benchmark-Order Number: 6 pack WWA04380

**STANDARD IV:** *Students will understand features of static and current electricity.*

Big Book: Discovering Electricity: Newbridge - Order Number: NCL807907

Discovering Electricity: Newbridge -Order Number: 6 pack NCL807908

Electricity and Magnetism: Raintree/Steck Vaughn -ISBN: 0-7398-2970-X

**STANDARD V:** Students will understand that traits are passed from the parent organisms to their offspring, and that sometimes the offspring may possess variations of these traits that may help or hinder survival in a given environment.

Animal Adaptations: National Geographic -6-Pack Product Number: HD41771

Amazing Schemes within Your Genes: Macmillan/McGraw-Hill-ISBN: 0-02-285416-9

## Sixth Grade Science Books

**STANDARD I:** Students will understand that the appearance of the moon changes in a predictable cycle as it orbits Earth and as Earth rotates on its axis.

The Moon- Heinemann ISBN: 140340615-4

**STANDARD II:** *Students will understand how Earth's tilt on its axis changes the length of daylight and creates the seasons.*

Big Book: Earth in Space: Newbridge - Order Number: NCL821332

Earth in Space: Newbridge - Order Number: 6 pack NCL821310-06

**STANDARD III:** *Students will understand the relationship and attributes of objects in the solar system.*

The Solar System-: Raintree / Steck Vaughn-ISBN: 0-7398-2740-5

\*Our Solar System: Exploring Other Worlds: Millmark-Order number-6 pack-F8CCA05C

\*Our Solar System: The Sun and It's Effects: Millmark-Order number-6 pack-F8CCA05D

Defining Laws of Motion-: National Geographic -ISBN: 7922-8898-X

**STANDARD IV:** *Students will understand the scale of size, distance between objects, movement, and apparent motion (due to Earth's rotation) of objects in the universe and how cultures have understood, related to and used these objects in the night sky.*

See above

**STANDARD V:** *Students will understand that microorganisms range from simple to complex, are found almost everywhere, and are both helpful and harmful.*

Big Books: Fungi : Newbridge - Order Number: NCL821323

The Producers: Newbridge - Order Number: NCL821325

Protists : Newbridge- Order Number:6 pack NCL822528-06

Fungi : Newbridge- Order Number: 6 pack NCL821135-06

The Producers: Newbridge - Order Number: 6 pack NCL821141-06

\*A World of Microorganisms: Macmillan/McGraw-Hill ISBN: 0-02-284684-0

\*Microorganisms: Macmillan/McGraw-Hill ISBN: 0-02-286470-9

**STANDARD VI:** *Students will understand properties and behavior of heat, light, and sound.*

Big books: The Wonders of Light: Newbridge -Order Number: NCL807913

The World of Sound:Newbridge -Order Number:NCL807919

The Wonders of Light:Newbridge- Order Number:6 pack NCL807914

\*The Magic of Light and Sound: National Geographic- ISBN: 0-7922-8886-6

The World of Sound: Newbridge -Order Number: 6 pack NCL807920

\*Light and Sound: A Range of Energy Waves:Millmark-Order Number: 6 packF8CDC16D

\* Best of the best

Shauna,

I have included some things about ordering that I have learned. This could make things go faster.

1. Any of the Macmillan/Mcgraw Hill readers need to be ordered through the Mountain State School Book Depository. (The last time I ordered it took forever-they are the leveled science readers that go with their science textbook-worth the wait)

Here is the Utah Representative, maybe he can help:

Mike Turpin

2505 East Creek Road

Sandy, UT 84093

Tel: (801) 231-1264

Fax: (801) 943-5588

Email: [michael\\_turpin@mcgraw-hill.com](mailto:michael_turpin@mcgraw-hill.com)

2. Lerner, Heinemann , Raintree, Millmark, Benchmark, Rosen-the rep. is great and he often has some discounts. I always call him first to see.

Scott Tasker

[Stasker.books@comcast.net](mailto:Stasker.books@comcast.net)

Cell: 801-913-0973

Fax: 801-878-9949