

Carolina Biological Company
 Correlated with
Reading Essentials in Science
 From
Perfection Learning Corporation

Carolina Topics	<i>Reading Essentials In Science</i> Titles
Grade 4	
Earth Land & Water	<u>Earth/Space Science – Down to Earth!</u> •Air and Wind •Earth Movements •Soil Science •Water, Water Everywhere •What’s Up With the Weather? A Look at Climate <u>Earth/Space Science – Exploring the Universe</u> •The Earth <u>Global Issues</u> •Consumption and Waste •Energy Sources •Global Warming •Habitat Destruction •Keeping Our Food Safe
Physical Science & Technology Electric Circuits Motion & Design	<u>Physical Science – Energy Works!</u> •Electricity and Magnetism •Heat •Light •Motion •Sound <u>Physical Science – Science Works!</u> •Color and Light •Electrical Circuits •Hearing and Sound •Magnets •Simple Machines <u>Physical Science – The Material World</u> •Force and Motion •Gravity •Measuring Matter •States of Matter
Life Science Animal Studies	<u>Life Science – Communities of Life</u> •Deserts •Mountains •Oceans •Rivers •Tropical Rain Forests <u>Life Science – All About Animals</u> •Amphibians and Reptiles •Birds •Fish •Insects •Mammals <u>Life Science – Habitats</u> •At Home in the Ocean •A Home By the River •At Home in the Tropical Rainforest •A Hot Dessert Home •A Mountain Home <u>Life Science – Life Science Investigations</u> •Classifying Plants and Animals •Food Chains and Webs •Life Cycles of Plants and Animals •Under a Microscope: Small Life <u>Global Issues</u> •Habitat Destruction

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Carolina Topics

Reading Essentials In Science Titles

Grade 5

**Earth
Ecosystems**

Life Science – Communities of Life

- Deserts •Mountains •Oceans •Rivers
- Tropical Rain Forests

Life Science – Living Wonders

- Populations and Ecosystems

Life Science – Habitats

- At Home in the Ocean •A Home By the River
- At Home in the Tropical Rainforest
- A Hot Desert Home •A Mountain Home

Life Science – Life Science Investigations

- Classifying Plants and Animals
- Food Chains and Webs
- Life Cycles of Plants and Animals
- Under a Microscope: Small Life

**Physical Science & Technology
Food Chemistry
Buoyancy**

Global Issues

- Keeping our Food & Water Safe

Healthy Living

- Nutrition

**Life Science
Microbiology**

Life Science – Life Science Investigations

- Under a Microscope: Small Life

Life Science – Living Wonders

- Cells •Genetics

Global Issues

- Keeping our Food & Water Safe

Healthy Living

- Disease Prevention

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Carolina Topics

Reading Essentials In Science Titles

Grades 6-8

Catastrophic events
 Storms, Volcanoes, Earthquakes

Earth/Space Science – The Weather Report
 •Forecasting •Natural Disasters
 •Records and Oddities •Seasons and Patterns

Earth/Space Science – Forces of Nature
 •Earthquakes •Floods •Hurricanes
 •Tornadoes •Volcanoes

Earth in Space

Earth/Space Science – Amazing Space
 •Are We Alone? •Inside a Star •Lights in the Sky
 •Mysteries in Space: Cosmic Puzzles
 •Telescopes: Exploring the Beyond

Physical Science & Technology
 Energy, Machines & Light
 Electrical Energy & Circuit Design
 Properties of Matter
 Light

Physical Science – Energy Works!
 •Electricity and Magnetism •Heat •Light
 •Motion •Sound

Physical Science – How Things Are Made
 •Glass: From Beads to Bottles to Windowpanes
 •Metal: From Safety Pins to Statues
 •Paper: From Books to Boxes
 •Plastic: Bags, Boats, Bottles, and Brushes
 •Textiles: Smooth as Silk or Bumpy as Burlap

Physical Science – Chemistry Clues
 •Acids and Bases •Chemical Energy
 •Atoms, Molecules, and Compounds
 •Chemical Reactions •Mixtures and Solutions

Life Science
 Human Body Systems

Life Science – The Human Body
 •The Circulatory System •The Digestive System
 •The Nervous System •The Respiratory System
 •The Skeletal and Muscular Systems

Macro to Micro organisms

Life Science – Communities of Life
 •Deserts •Mountains •Oceans •Rivers
 •Tropical Rain Forests
 •Keeping our Food & Water Safe
 •Habitat Destruction

Life Science – Life Science Investigations
 •Under a Microscope: Small Life

Life Science – Living Wonders
 •Cells •Genetics

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<p style="text-align: center;">Carolina Topics / Baylor College of Medicine Link</p>	<p style="text-align: center;">Reading Essentials In Science Titles</p>
<p style="text-align: center;">Grades 2-4</p> <p>Earth / Physical Science My Home Planet Earth Water and My World My Indoor World (air)</p> <p>Life Science Food & My World</p>	<p><u>Science in Social & Personal Perspectives – Global Issues</u> •Consumption and Waste •Energy Sources •Global Warming •Habitat Destruction •Keeping Our Food and Water Safe</p> <p><u>Life Science – Communities of Life</u> •Deserts •Mountains •Oceans •Rivers •Tropical Rain Forests</p> <p><u>Life Science – The Human Body</u> •The Respiratory System</p> <p><u>Earth Science – Down to Earth!</u> •Air and Wind •Earth Movements •Soil Science •Water, Water, Everywhere •What’s Up With the Weather: A Look at Climate</p> <p><u>Earth Science – Exploring the Universe</u> •The Earth</p> <p><u>Life Science – The Human Body</u> •The Respiratory System</p> <p><u>Science in Social & Personal Perspectives - Global Issues</u> •Keeping Our Food and Water Safe</p>
<p style="text-align: center;">Grades 5-7</p> <p>Life Science Motor Highways Memory & Learning Sensory Signals</p>	<p><u>Life Science – The Human Body</u> •The Nervous System •The Skeletal and Muscular Systems</p> <p><u>Life Science – Human Body Basics</u> •The Brain and Nerves •Skin</p>
<p style="text-align: center;">Grades 6-8</p> <p>Life Science / Physical Science Brain Chemistry</p>	<p><u>Life Science – The Human Body</u> •The Nervous System</p> <p><u>Life Science – Human Body Basics</u> •The Brain and Nerves</p>