



Scholastic Classroom and Library Publishing  
New York City Science Scope and Sequence for Grade 2

Title	Author	Standard
<b>UNIT 1: EARTH MATERIALS</b>		
Looking at Soil	Rosenbaum	PS 2.1d Observe and describe the basic properties and components of soil
Looking at Soil (Big Book)	Rosenbaum	PS 2.1d Observe and describe the basic properties and components of soil
Magic School Bus® Inside the Earth, The	Cole	PS 2.1d Observe and describe the basic properties and components of soil
Soil	Ditchfield	PS 2.1d Observe and describe the basic properties and components of soil
What Is Soil?	Ungaro	PS 2.1d Observe and describe the basic properties and components of soil
Wiggling Worms at Work	Pfeffer, Wendy	PS 2.1d Observe and describe the basic properties and components of soil
Wonderful Worms	Glaser	PS 2.1d Observe and describe the basic properties and components of soil
Liz Sorts It Out, A Book About Rocks	West	PS 3.1f Sort or group objects according to their properties
Dirt	Tomecek	PS 2.1d, PS 3.1b, c, d, e, f, g Investigate different types of soil according to: Color, Texture, Materials, Capacity to retain water
Sun, the Wind and the Rain, The	Peters	PS 2.1d Explore how erosion and deposition are the result of interactions between air, wind, water, and land.
Dave's Down-to-Earth Rock Shop	Murphy	PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Experiments With Rocks and Minerals	Tocci	PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Fossils	Hirschmann	PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Fossils Tell of Long Ago	Aliki	PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Investigating Rocks (Big Book)		PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Investigating Rocks		PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Magic School Bus Gets Recycled, The	Capeci, Anne and Carolyn Bracken	PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Rocks and Minerals		PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
Rocky Road Trip	Stamper	PS 3.1b, c, d, e, f Observe and describe the physical properties of rocks. Compare and sort rocks by size, color, luster, texture, patterns, hardness/softness.
How Is a Crayon Made?	Charles	LE 1.1d Make clear that nonliving things can be human-created or naturally occurring.
Forces Make Things Move	Bradley, Kimberly	



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<b>UNIT 2: FORCES AND MOTION</b>		
What Makes a Magnet?	Branley	PS 5.1b, PS 5.1c Demonstrate how the position or direction of an object can be changed by pushing or pulling
I Fall Down	Cobb, Vicki	PS 5.2a Observe and describe how the force of gravity can affect objects through air, liquids, and solids.
<b>UNIT 3: PLANT DIVERSITY</b>		
It Could Still Be a Flower	Fowler	LE 3.1b Identify and compare the physical structures of a variety of plant parts
Vegetables, Vegetables!	Fowler	LE 3.1b Identify and compare the physical structures of a variety of plant parts
Tell Me, Tree, All About Trees for Kids	Gibbons	LE 2.1a, LE 2.2a, b Observe and describe how plants grow and change in predictable ways
Ugly Vegetables, The	Lin	LE 2.1a, LE 2.2a, b Observe and describe how plants grow and change in predictable ways
From Bulb to Daffodil	Weiss	LE 4.1a, b, c, d Observe plant life cycles and life spans.
From Eye to Potato	Weiss	LE 4.1a, b, c, d Observe plant life cycles and life spans.
From Kernel to Corncob	Weiss	LE 4.1a, b, c, d Observe plant life cycles and life spans.
From Pinecone to Pine Tree	Weiss	LE 4.1a, b, c, d Observe plant life cycles and life spans.
From Pit to Peach Tree	Weiss	LE 4.1a, b, c, d Observe plant life cycles and life spans.
From Seed to Dandelion	Weiss	LE 4.1a, b, c, d Observe plant life cycles and life spans.
From Seed to Plant	Gibbons	LE 4.1a, b, c, d Observe plant life cycles and life spans.
Desert Giant, The World of the Saguaro Cactus	Bash	LE 1.1b Describe the basic needs of plants
Plants that Eat Animals	Fowler	LE 1.1b Describe the basic needs of plants
Life and Times of the Peanut, The	Micucci	LE 1.1b, LE 1.2a, LE 4.1b, LE 5.1a Describe the basic life functions of plants
Great Kapok Tree, The, A Tale of the Amazon Rain Forest	Cherry	LE 5.2a Observe that plants respond to changes in their environment
Maple Trees	Fowler	LE 5.2a Observe that plants respond to changes in their environment
Reason for a Flower, The	Heller	LE 3.1b Observe and compare the different structures that enable each plant to live and thrive
Why Do Leaves Change Color?	Maestro, Betsy	LE 3.1c, LE 5.2a Observe adaptations of plants: - Plants respond to changes in the environment including seasonal changes such as: - Leaves falling in autumn and forming in springtime - Flowers blooming