

Science Scope and Sequence (revised Jan 2012)

Grade	Science Curriculum Maps Unit & Materials	Date map created and/or revised
K	Trees FOSS kit	NA
1	New Plants FOSS kit Solids and Liquids FOSS kit Pebbles, Sand, and Silt FOSS kit	NA
2	Soil Habitats: Seeds of Science/ Roots of Reading (2009)	NA
3	Designing Mixtures: Seeds of Science/ Roots of Reading (2009)	NA
3	Shoreline Science: Seeds of Science/ Roots of Reading (2009)	NA
4	"Minerals and Rocks" Earth Materials FOSS kit (2009) *Theme Sets: Shaping Earth's Surface *Theme Sets: Using Earth's Resources	August 2010
4	"Magnetism & Electricity" Magnetism & Electricity FOSS kit (2009) Seeds of Science/ Roots of Reading: Gravity & Magnetism kit (2009) *Theme Sets: Using Electricity	August 2010
5	"Weather & Climate" Weather Forecasting Delta kit (2009) Water Planet FOSS kit (2009) Matter & Energy Delta kit (2009)	August 2010
5	"Adaptations" Seeds of Science/ Roots of Reading: Variation and Adaptation (new 2011) *Theme Sets: Plants in Their Habitats *Theme Sets: Animals in Their Habitats *Theme Sets: Life Cycles	August 2010
5	*Theme Sets: Using Simple Machines *Theme Sets: Energy	NA

6	<p>Unit #1: "Topographic Maps & Global Atmospheric Patterns" Landforms FOSS kit Prentice Hall Science Explorer 2005: <u>Earth's Changing Surface</u> *Theme Sets: Weather and Climate *Theme Sets: Extreme Weather</p>	Aug 2009
6	<p>Unit #2: "Forces that Shape the Earth" Earth Processes Delta kit (2009) Prentice Hall Science Explorer 2005: <u>Inside Earth</u> and <u>Earth's Changing Surface</u> *ConceptLinks: Earth's Changing Surface *ConceptLinks: Volcanoes and Earthquakes</p>	Dec 2009
6	<p>Unit #3: "Our Solar System" Planetary Science FOSS kit Sun, Moon, and Stars FOSS kit (2009) Prentice Hall Science Explorer 2005: <u>Astronomy</u> *ConceptLinks: Our Solar System *Theme Sets: Our Solar System</p>	Feb 2011

7	<p>Unit #1: "The Human Body" Prentice Hall Science Explorer 2005: <u>Human Biology and Health</u></p>	Aug 2009
7	<p>Unit #2: "Heredity & Evolution" Prentice Hall Science Explorer 2005: <u>Cells and Heredity</u> *ConceptLinks: Cells *Theme Sets: Cells at Work</p>	Oct 2009
7	<p>Unit #3: "Ecosystems" Diversity of Life FOSS kit <u>Bottle Biology</u>: an idea book for exploring the world using soda bottles and other recyclable materials Prentice Hall Science Explorer 2005: <u>From Bacteria to Plants</u> and <u>Environmental Science</u> *ConceptLinks: Ecosystems</p>	Feb 2010
7	<p>Unit #4: "Photosynthesis" Plants in Our World Delta kit (2009) Prentice Hall Science Explorer 2005: <u>From Bacteria to Plants, Cells and Heredity</u>, and <u>Environmental Science</u> *ConceptLinks: PLants</p>	April 2009

8	<p>Unit #1: "Measuring Matter & Changes in Matter" Matter & Change Delta kit (2009) <u>Salad Dressing Physics: Investigating Density of Liquids and Solids</u> by Bernie Zubrowski Prentice Hall Science Explorer 2005: <u>Chemical Building Blocks</u> and <u>Chemical Interactions</u> *ConceptLinks: Properties of Matter</p>	Aug 2009
8	<p>Unit #2: "Atoms, Elements & Compounds" Prentice Hall Science Explorer 2005: <u>Chemical Building Blocks</u> and <u>Chemical Interactions</u></p>	Nov 2009
8	<p>Unit #3: "Force & Motion" Force & Motion FOSS kit Prentice Hall Science Explorer 2005: <u>Motion Forces, and Energy</u> *ConceptLinks: Force and Motion</p>	Jan 2010
8	<p>Unit #4: "Energy" <u>Ice Cream Making and Cake Baking: Investigating Heat Transfer</u> by Bernie Zubrowski Prentice Hall Science Explorer 2005: <u>Motion Forces, and Energy</u></p>	Feb 2011
8	MCAS Review	March 2010

*Differentiated reading materials