

Curriculum Map

Subject: Science	Grade: 2
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Time Frame	Topic	Content	Resources	Standards	Assessments
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September	Science tools Weather	Describe and identify Science tools and materials. Sort objects by observable properties. Use a weather calendar. Create simple tools to measure rain and wind. Record data on changing seasons.	Teacher provided materials and worksheets. Science Weekly Week 1	TE1 ES3 LS1 PS1 2PS1-1	Weather chart, pictures, quiz
October	Living plants and animals. Habitats	Living things need food, air, water, and shelter to survive. Habitats provide these needs. Examine desert habitat. Research a habitat to understand its resources.	“A Walk in the Desert” Reading Street Scholastic “Smart Books” on habitats	LS1 LS8 2LS2-1 2LS4-1	Habitat report
November	Matter	Identify materials as solid, liquid or gas. Recognize features of matter. Provide evidence that matter can be changed by heating or cooling. Changes can be permanent or reversible	Studies Weekly #18-19 Matter experiments from TPT Bill Nye video on Matter Teacher provided worksheets	PS2 2PS1-4	quiz
December					
January	Simple Machines	Identification of simple machines and their uses. Recognize that machines help us do work. Student created poster on a simple	Scholastic Smart Books on Simple Machines Bill Nye video on Simple Machines	TE2.1 TE2.2 K2 ETS1-1	Poster, quiz

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		machine.	Youtube clips on Simple Machines		
February	Forces	Objects move when force is applied. Push and pull are forces that change the motion of an object. Conduct an investigation to test forces of push and pull on objects on various surfaces.	Experiments Teacher provided materials Primary Science Sampler Studies Weekly #21-22 Science Spin and Scholastic News	PS3 PS4	Quiz or forces.
March	Rocks Soil	Earth's surface is composed of water, rocks, soil and living organisms Earth's events can occur quickly or slowly Fossils provide us with information about living things from long ago Identify ways water and wind have changed the shape of the land	Reading Street, "Soil" Scholastic Smart books on "Extreme Weather" Field trip to Harvard Museum McGraw Hill Science Chap.3/ Topic 1, 2	ES1 ES2 2ESS1-1 2ESS2-1 2ESS2-2 ESS2-3	Short report on formation of rocks and types.
April	Natural resources	Characteristics of natural materials and resources Uses for these materials Explore ways to preserve natural resources	Scholastic News 2 Earth Day resources	TE 1.1 TE 1.2	Earth Day poster with facts.
May	Plants	Plants need sunlight, water and air to grow. Demonstrate knowledge by	Studies Weekly #10 McGraw Hill Science Chap. 1/ Topic 1	LS3 LS4 2LS2.1	Graph of growing plants,

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		collecting and using data Develop a model to show plants depend on animals for help in pollination		2LS2.2	drawing, quiz
June	Technology	Construct an object made from smaller pieces Understand that objects may be broken into smaller pieces and put together in a different way	Simple Science Experiments p. 249-256	2PC1.3	Photos of objects.