

Science Curriculum Map

Grade 2

2018

Month/ Materials and Topics	Content	Skills	Assessment	Standards
August-September <i>Science Textbook:</i> Unit A: A World of Living Things Ch. 1: Living and Non-Living Ch. 2: Animals <i>Mystery Science:</i> Animal Adventures <i>Brain Pop Jr.:</i> Animals	<ul style="list-style-type: none"> Living and non-living things Animals' needs Plants' needs Animal Groups Animal Life Cycles 	<ul style="list-style-type: none"> Classify Observe Predict Compare Sequence 	Observation Labs/Activities: Animal Sorting Game Who's Calling Design a Bird Feeder Test	2. Independent Relationships in Ecosystems 2-LS4-1
October <i>Science Textbook:</i> Unit A: A World of Living Things Ch. 3 Plants <i>Mystery Science:</i> Plant Adventures <i>Brain Pop Jr.:</i> Plants	<ul style="list-style-type: none"> Parts of a plant Differences in plants Plant life cycles 	<ul style="list-style-type: none"> Observe Classify Communicate 	Observation Labs/Activities: Fly Your Own Seed Root Viewer Grass Head Plant Survivor Game Test	2. Independent Relationships in Ecosystems 2-LS2-1, 2-LS2-2 K-2 Engineering Design K-2-ETS1-2
November-December <i>Science Textbook:</i> Unit B: Homes for Living Things Ch. 4: Environments <i>Brain Pop Jr.:</i> Habitats	<ul style="list-style-type: none"> Environments Survival in different habitats Food chain/food webs 	<ul style="list-style-type: none"> Make a model Infer Communicate 	Observations Lab/Activities Test	2. Independent Relationships in Ecosystems 2-LS4-1
January <i>Science Textbook:</i> Unit E: Exploring Matter Ch. 9: Classifying and Observing Matter <i>Brain Pop Jr.:</i> Matter	<ul style="list-style-type: none"> Matter Solids Liquids Gases 	<ul style="list-style-type: none"> Compare Measure Infer 	Observations Labs/Activities Test	2. Structure and Properties of Matter 2-PS1-1 2-PS1-3 K-2 Engineering Design 2-ETS2-3

<p>February Science Textbook: Unit E: Exploring Matter Ch. 10: Changes in Matter <i>Mystery Science:</i> Material Magic</p>	<ul style="list-style-type: none"> • How matter changes • Changes in water • Other changes to matter • Energy 	<ul style="list-style-type: none"> • Communicate • Predict • Draw conclusions • Plan investigation 	Observations Lab/Activities: Mad Hatter Feel the Heat Candy Melter Bouncy Glass Invention Paper Towers Test	2. Structure and Properties of Matter 2-PS1-2 2-PS1-4 K-2 Engineering Design 2-ETS2-3
<p>March <i>Science Textbook:</i> Unit F Energy and Motion Ch. 11: Light and Heat Ch. 12: Sound <i>Brain Pop Jr.:</i> Matter</p>	<ul style="list-style-type: none"> • Light • Heat • Cause of sound • Sound travel • What makes different sounds 	<ul style="list-style-type: none"> • Measure • Communicate • Predict • Hypothesize 	Observations Lab/Activities: Light Activities Heat Activities Sound Activities Test	2. Structure and Properties of Matter 2-PS1-2 2-PS1-4 K-2 Engineering Design K-2-ETS1-3
<p>April <i>Science Textbook:</i> Unit E: Physical Science Ch. 13: Motion Unit C: Our Earth Ch. 6: Natural Resources <i>Mystery Science:</i> Work of Water <i>Brain Pop Jr.:</i> Conservation</p>	<ul style="list-style-type: none"> • Ways things move • What makes things move • Magnets • Resource use • Resource harm • Resource protection 	<ul style="list-style-type: none"> • Plan investigation • Make model • Hypothesize • Draw conclusions observe 	Observations Lab/Activities: Paper Mountains Rocking the River Cornmeal Canyons Erosion Engineering Test	2. Earth's Systems: Processes that share the Earth 2-ESS1-1, 2-ESS2-1, 2-ESS2-2, 2-ESS2-3 K-2 Engineering Design K-2-ETS1-2
<p>May <i>Science Textbook:</i> Unit C: Our Earth Ch. 5: Exploring Earth's Surface <i>Brain Pop Jr.:</i> Land</p>	<ul style="list-style-type: none"> • Changes to Earth's surface • Rocks, and soil • Fossils 	<ul style="list-style-type: none"> • Observe • Draw conclusions • Communicate 	Observations Lab/Activities Test	2. Earth's Systems: Processes that Shape the Earth 2-ESS1-1, 2-ESS2-1, 2-ESS2-2, 2-ESS2-3