

## CURRICULUM MAP FOR SCIENCE GRADE 2

(Suggested timeline for introducing content and process standards - some overlap all four quarters)

SCIENCE GSEs	Insect Kit	Simple Machines Kit	Sand, Pebbles, and Silt Kit	Other
<b>1. Life Science</b>	<ul style="list-style-type: none"> <li>• Living and non-living 1.1.1</li> <li>• External features (compare/contrast) 1.1.2-1.1.3</li> <li>• Basic needs 1.2.1</li> <li>• Life stages 1.3.1</li> <li>• Physical structures 1.4.1</li> <li>• Basic needs 1.5.1</li> <li>• Food chain and food web 1.6.1</li> </ul> <p style="color: red; margin-top: 5px;">Experiment/Activity</p> <ul style="list-style-type: none"> <li>• Investigations 1.1, 1.2, 2.1, 2.2, 3.1, 3.3, 3.4, 4.2, 4.4, 4.5, 5.1, 5.2, 5.3, 6.1, 6.2</li> </ul> <p style="color: red; margin-top: 5px;">Open Response</p> <ul style="list-style-type: none"> <li>• 1.1.5</li> <li>• 1.2.3</li> <li>• 1.3.4</li> <li>• 1.4.3</li> <li>• 1.5.3</li> <li>• 1.6.4</li> </ul>		<ul style="list-style-type: none"> <li>•</li> </ul>	
<b>2. Earth and Space Science</b>			<ul style="list-style-type: none"> <li>• Sorting rocks and soil, physical properties and attributes 2.1.1</li> <li>• Observation and data, physical properties 2.1.1 (graphic organizer)</li> <li>• Conducting tests 2.2.1</li> <li>• Identifying soil 3.1-3.5</li> <li>• Weather impacts earth 2.4.1</li> <li>• Sun and moon rotation 2.7.2</li> <li>• Phases of the moon 2.7.3</li> </ul> <p style="color: red; margin-top: 10px;">Experiment/Activity</p> <ul style="list-style-type: none"> <li>• Investigations 1.1 - 1.4, 2.1-2.3, 3.1-3.5, 4.1-4.2</li> <li>• Weather Around the World 2.4.2</li> <li>• Record Phases of the Moon 2.7.4</li> </ul>	<ul style="list-style-type: none"> <li>• Observing sky 2.7.1</li> <li>• Moon rotation 2.7.2</li> <li>• Phases of the moon 2.7.3</li> <li>• Observing the stars 2.8.1</li> </ul> <p style="color: red; margin-top: 10px;">Experiment/Activity</p> <ul style="list-style-type: none"> <li>• 2.8.2</li> </ul> <p style="color: red; margin-top: 5px;">Open Response</p>

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			Open Response <ul style="list-style-type: none"> <li>• 2.1.5</li> <li>• 2.2.2</li> <li>• 2.4.3</li> <li>• 2.6.3</li> </ul>	
<b>3. Physical Science</b>		<ul style="list-style-type: none"> <li>• Physical properties similar/differences 3.1.1</li> <li>• Physical properties 3.1.2</li> <li>• Attributes and properties 3.1.3</li> <li>• Solids and liquids 3.2.1</li> <li>• Simple tools 3.3.1</li> <li>• Effects of light 3.4.1</li> <li>• Motion 3.7.1</li> <li>• Direction 3.7.2</li> <li>• Push, pull, gravity 3.7.3</li> <li>• Magnets 3.5.1</li> </ul> Experiment/Activity <ul style="list-style-type: none"> <li>• Investigations 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 3.1, 3.2, 4.2</li> </ul> Open Response <ul style="list-style-type: none"> <li>• 3.8.3</li> </ul>		
<b>4. Inquiry</b>	Inquiry Method <ul style="list-style-type: none"> <li>• Asks questions</li> <li>• Makes predictions</li> <li>• Uses tools appropriately</li> <li>• Conducts an experiment</li> <li>• Makes observations and collects data</li> </ul>	Inquiry Method <ul style="list-style-type: none"> <li>• Asks questions</li> <li>• Makes predictions</li> <li>• Uses tools appropriately</li> <li>• Conducts an experiment</li> <li>• Makes observations and collects data</li> </ul>	Inquiry Method <ul style="list-style-type: none"> <li>• Asks questions</li> <li>• Makes predictions</li> <li>• Uses tools appropriately</li> <li>• Conducts an experiment</li> <li>• Makes observations and collects data</li> </ul>	Inquiry Method <ul style="list-style-type: none"> <li>• Asks questions</li> <li>• Makes predictions</li> <li>• Uses tools appropriately</li> <li>• Conducts an experiment</li> <li>• Makes observations and collects data</li> </ul>

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	<ul style="list-style-type: none"><li>Communicates ideas through drawings or words</li></ul>	<ul style="list-style-type: none"><li>Communicates ideas through drawings or words</li></ul>	<ul style="list-style-type: none"><li>Communicates ideas through drawings or words</li></ul>	<ul style="list-style-type: none"><li>Communicates ideas through drawings or words</li></ul>