

## Science Curriculum: Grade 1

### Georgia Performance Standards: Alternative Curriculum Map

This document is part of a framework that was designed to support the major concepts addressed in the 1st grade Science Curriculum of the Georgia Performance Standards through the processes of inquiry and integration of science into reading and ELA.

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<b>Unit: Fall</b>	<b>Unit: Winter</b>	<b>Unit: Spring</b>	<b>Unit: Summer</b>
8 weeks	8 weeks	8 weeks	8 weeks
<b>Focus:</b>	<b>Focus:</b>	<b>Focus:</b>	<b>Focus:</b>
<p><i>Identify basic patterns of Fall weather through the use of simple instruments to measure temperature, wind, and precipitation.</i></p> <p><i>Demonstrate how magnets repel and attract.</i></p> <p><i>Identify common items that are attracted to a magnet.</i></p> <p><i>Identify objects and materials which do not block magnetic force.</i></p>	<p><i>Identify basic patterns of Winter weather through the use of simple instruments to measure temperature, wind, and precipitation.</i></p> <p><i>Explain how precipitation occurs when water, previously evaporated, condenses out of the air and changes state from a gas to a liquid (rain), or to a solid (snow and sleet).</i></p> <p><i>Explore how the weight of water will remain the same before freezing, after freezing, and after melting.</i></p> <p><i>Investigate how water in an open container disappears into the air over time, but water in a closed container will not disappear.</i></p>	<p><i>Identify basic patterns of Spring weather through the use of simple instruments to measure temperature, wind, and precipitation.</i></p> <p><i>Identify the basic needs of plants and animals.</i></p> <p><i>Identify the parts of a plant-root, stem, leaf, and flower.</i></p> <p><i>Compare and contrast animals by appearance, motion, growth, and basic needs.</i></p>	<p><i>Identify basic patterns of Summer weather through the use of simple instruments to measure temperature, wind, and precipitation.</i></p> <p><i>Observe and ask questions about sources of light.</i></p> <p><i>Investigate shadows.</i></p> <p><i>Investigate how vibrations may produce sound.</i></p> <p><i>Compare and contrast pitch and volume.</i></p> <p><i>Observe and ask questions about emergency sounds and sounds that keep us safe.</i></p>