

## 2<sup>nd</sup> Grade Science Standards

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Benchmark#	Description	Assessed	CPALMS Link
SC.2.N.1.1	Raise questions about the natural world, investigate them in teams through free exploration and systematic observations, and generate appropriate explanations based on those explorations.		<a href="#">Click Here</a>
SC.2.N.1.2	Compare the observations made by different groups using the same tools.		<a href="#">Click Here</a>
SC.2.N.1.3	Ask "how do you know?" in appropriate situations and attempt reasonable answers when asked the same question by others.		<a href="#">Click Here</a>
SC.2.N.1.4	Explain how particular scientific investigations should yield similar conclusions when repeated.		<a href="#">Click Here</a>
SC.2.N.1.5	Distinguish between empirical observation (what you see, hear, feel, smell, or taste) and ideas or inferences (what you think).		<a href="#">Click Here</a>
SC.2.N.1.6	Explain how scientists alone or in groups are always investigating new ways to solve problems.		<a href="#">Click Here</a>
SC.2.E.6.1	Recognize that Earth is made up of rocks. Rocks come in many sizes and shapes.		<a href="#">Click Here</a>
SC.2.E.6.2	Describe how small pieces of rock and dead plant and animal parts can be the basis of soil and explain the process by which soil is formed.		<a href="#">Click Here</a>
SC.2.E.6.3	Classify soil types based on color, texture (size of particles), the ability to retain water, and the ability to support the growth of plants.		<a href="#">Click Here</a>
SC.2.E.7.1	Compare and describe changing patterns in nature that repeat themselves, such as weather conditions including temperature and precipitation, day to day and season to season.		<a href="#">Click Here</a>
SC.2.E.7.2	Investigate by observing and measuring, that the Sun's energy directly and indirectly warms the water, land, and air.		<a href="#">Click Here</a>
SC.2.E.7.3	Investigate, observe and describe how water left in an open container disappears (evaporates), but water in a closed container does not disappear (evaporate).		<a href="#">Click Here</a>
SC.2.E.7.4	Investigate that air is all around us and that moving air is wind.		<a href="#">Click Here</a>
SC.2.E.7.5	State the importance of preparing for severe weather, lightning, and other weather related events.		<a href="#">Click Here</a>
SC.2.P.8.1	Observe and measure objects in terms of their properties, including size, shape, color, temperature, weight, texture, sinking or floating in water, and attraction and repulsion of magnets.		<a href="#">Click Here</a>
SC.2.P.8.2	Identify objects and materials as solid, liquid, or gas.		<a href="#">Click Here</a>
SC.2.P.8.3	Recognize that solids have a definite shape and that liquids and gases take the shape of their container.		<a href="#">Click Here</a>
SC.2.P.8.4	Observe and describe water in its solid, liquid, and gaseous states.		<a href="#">Click Here</a>
SC.2.P.8.5	Measure and compare temperatures taken every day at the same time.		<a href="#">Click Here</a>
SC.2.P.8.6	Measure and compare the volume of liquids using containers of various shapes and sizes.		<a href="#">Click Here</a>

SC.2.P.9.1	Investigate that materials can be altered to change some of their properties, but not all materials respond the same way to any one alteration.	<a href="#">Click Here</a>
SC.2.P.10.1	Discuss that people use electricity or other forms of energy to cook their food, cool or warm their homes, and power their cars.	<a href="#">Click Here</a>
SC.2.P.13.1	Investigate the effect of applying various pushes and pulls on different objects.	<a href="#">Click Here</a>
SC.2.P.13.2	Demonstrate that magnets can be used to make some things move without touching them.	<a href="#">Click Here</a>
SC.2.P.13.3	Recognize that objects are pulled toward the ground unless something holds them up.	<a href="#">Click Here</a>
SC.2.P.13.4	Demonstrate that the greater the force (push or pull) applied to an object, the greater the change in motion of the object.	<a href="#">Click Here</a>
SC.2.L.14.1	Distinguish human body parts (brain, heart, lungs, stomach, muscles, and skeleton) and their basic functions.	<a href="#">Click Here</a>
SC.2.L.16.1	Observe and describe major stages in the life cycles of plants and animals, including beans and butterflies.	<a href="#">Click Here</a>
SC.2.L.17.1	Compare and contrast the basic needs that all living things, including humans, have for survival.	<a href="#">Click Here</a>
SC.2.L.17.2	Recognize and explain that living things are found all over Earth, but each is only able to live in habitats that meet its basic needs.	<a href="#">Click Here</a>