



Elementary Second Grade Science At Home Resources


2nd grade

Choose one activity* each week from each of the different domains of science. Each of the activities listed has a connection to a science standard. Completing an activity does not equate to mastering of the standard.

PS=Physical Science

ESS=Earth and Space Science

LS=Life Science

Physical Science	Earth and Space Science	Life Science
<p>Find one item in 3 different rooms or places in your house. Describe each item. What materials are they made out of? What is similar and different about the materials? 2-PS1-1</p>	<p>Research to find evidence that the changes that occur in rocks due to water can be slow (erosion) or fast (flood). Which can you find more evidence to support? 2-ESS1-1</p>	<p>Go on a nature walk with an adult and discuss plants, insects, and animals you see. How many different species did you see? 2-LS4-1</p>
<p>Observe objects made of paper, metal, plastic, rock, and wood. Record the materials used in each object. Record is texture, color, and shape. 2-PS1-1</p>	<p>What can you find around the house that could represent each of the landforms in this picture? 2-ESS2-2</p>	<p>Use materials around your house to build a model habitat. Explain what kind of animal could live in there and why. 2-LS4-1</p>
<p>With permission, take an ice cube and put in a cup on the counter. What happens to it after five minutes? Put the cup in the freezer. What happens to the water? How is it different from the original ice cube you started with? 2-PS1-4</p>	<p>Go outside and see if it is a windy day. What would happen to salt or sugar if you had some in your hand and you opened your hand in the wind? Discuss with an adult how you think the wind might change the way it looks outside. 2-ESS2-1</p>	<p>Plan an investigation to determine if plants need sunlight and/or water to grow. If you have the materials at your house, conduct your experiment. 2-LS2-1</p>
<p>Watch the video of this freezing place. What material would be best to keep you warm: plastic, wool, rubber, or wood? Write about what properties the material has that make you think your material is the best choice. 2-PS1-2</p>	<p>Watch the video Where is Earth's Water Found? Draw an example of where you might be able to find solid water on Earth. Where might you find liquid water? 2-ESS2-3</p>	<p>Watch two or more videos or live animal webcams from the Monterey Bay Aquarium. What do you notice is similar and different from one animal's habitat to another? 2-LS4-1</p>
<p>Create an artistic piece with some Legos or other linking toys. Take it apart and, using the same set of toys, create a new and different artistic piece. How many different pieces can you make with the same set of toys? 2-PS1-3</p>	<p>Did the erosion in this picture happen quickly or slowly? What is your evidence? 2-ESS1-1</p> 	<p>Put on a pair of socks on the outside of your shoes. Take a walk with an adult outside in the lawn or grass. What do you notice gathers on the socks? 2-LS2-2</p>

*All activities should be completed with permission/supervision of an adult.