



Preventing Summer Slide: K-5 Science

Use these activities throughout the summer to support your science learning.

<p>Take your child outside and find rocks. Can you sort the rocks into different categories based on their size, texture, color and shape?</p>	<p>Use a flashlight to make shadow puppets on the wall. How do the shadows change as you move closer or further away from the light source?</p>	<p>Visit a local park. What types of plants and animals do you see? What do the plants and animals need to survive? How can you classify or group the plants and animals?</p>
<p>Does it sink or does it float? Find things around your house and investigate if the item is going to sink or float. What physical properties does the item have that will make it sink or float?</p>	<p>Make a Solar Oven. Using aluminum foil and a box, how might you create a solar oven to cook a s'more in the summer heat?</p>	<p>Go to the library. What books can you find on <i>science topics</i>? Build your science knowledge through non-fiction books.</p>
<p>Can you tell time using the sun? Kids will certainly get a kick out of creating their own sundials using everyday materials like cardboard and pencils. How do the shadows change throughout the day?</p>	<p>Use pipe cleaners to create bubble wands. Go outside and blow bubbles. How does the size of the wand impact the size of the bubble?</p>	<p>All you need is a plastic bottle, a ruler, and a permanent marker to make your own rain gauge. Monitor your measurements and see how they stack up against meteorology reports in your area.</p>
<p>Investigate sound- how do vibrations help to make sound? Try banging on different surfaces. Create your own drum from a cup, a piece of cloth, and a rubber band.</p>	<p>Bake a cake! As you are discussing the process, discuss the changes that happened. Is it a chemical or physical change? Why? What evidence do you have to support that claim?</p>	<p>Collect different types of soils and plant seeds. How does the soil type impact the growth of the plant? Try clay, potting soil, and sand.</p>