




# Science Summer Break Activities

Interested in **Earth Science**, **Life Science** or **Physical Science**? Find your grade level and explore what interest you most!! You will find videos and activities that support the **Science Georgia Standards of Excellence**. 😊

Grade Level	Focus		
	<p>Write a 1-minute public service announcement explaining how important it is to maintain a healthy planet for our survival. Present the PSA to your family.</p>	<p><a href="#"><u>Global Footprint Calculator</u></a></p>	<p>Changes in the Earth Scavenger Hunt</p> <p>Go around your backyard and/or neighborhood to look for examples of weathering, erosion and deposition.</p> <p><b>Note: Parental Assistance is needed for this activity</b></p>
	<p>Draw a model (a food chain) to show how animals get their energy from the sun. In the diagram, use arrows to show the flow of energy.</p>	<p><a href="#"><u>A Tour of the Cell Levels of Organization</u></a></p>	<p>Think about what your perfect ecosystem would be like. Remember, you should have both living and nonliving aspects, food webs, In other words, what you need to survive. Now describe &amp; illustrate it!!</p>
	<p>Make a paper airplane and send it flying 3 times &amp; record the distances. Figure the average flight distance</p> <p>Video: <a href="#"><u>What is Lift in science?</u></a></p> <p>Make sure to define the four factors that impact flight.</p>	<p><a href="#"><u>American Chemical Society-Middle School Science</u></a></p>	<p>Using materials around your house (paper, legos, popsicle sticks, etc.), create a ramp or roller coaster. Test out different objects on your ramp/roller coaster to observe force and motion.</p>