







# Science Summer Break Activities

Find your grade level and work through both task. You will find videos and activities that support the **Science Georgia Standards of Excellence**.

Grade	Activities	
	Take two pieces of fruit. Using your five senses (taste, smell, see, hear, feel) make observations that describe each fruit. Explain how they are alike, and how they are different.	Spot 5 items on a nature walk-spider web, moss, tree, wildflower and bug <b>Note: Parental Assistance is needed for this activity</b>
	Draw a picture of 3 things a plant needs to survive and then record yourself telling why. <b>Note: Parental Assistance is needed for this activity</b>	Write down the weather for 3 days in a row. Describe how the weather is alike and how it is different for the three days.
	Put a toy on top of paper in the sun during the morning, afternoon and early evening. Trace the shadow it creates. What do you notice about the shadow shape throughout the day? <b>Note: Parental Assistance is needed for this activity</b>	Find two different objects. Push each of them and describe the speed of each object after you pushed them.
	Design (draw) and/or construct a model of a habitat for an animal with a specific adaptation.	Write/draw some examples of items that can used or recycled. Draw/write two ways you can conserve (save) water or energy around your home.
	Identify and illustrate the phases of water. Chart the various phases of water found around your home. <b>Bonus: Conduct an investigation to observe the condensation of water.</b>	Take time to notice patterns and cycles in your everyday life. Select one pattern or cycle and write and draw what is occurring. (Example: day/night, moon phases, etc.)
	Classify these animals (dog, birds, fish, snake, frog, ant, and spider) as either vertebrates (has a backbone) or invertebrate (has no backbone).	Predict and describe how various materials (vinegar, milk, baking soda, powdered drink mix, sugar, salt, sand, oil, soil, rocks) act when mixed with water. Record which liquids will dissolve in water.