





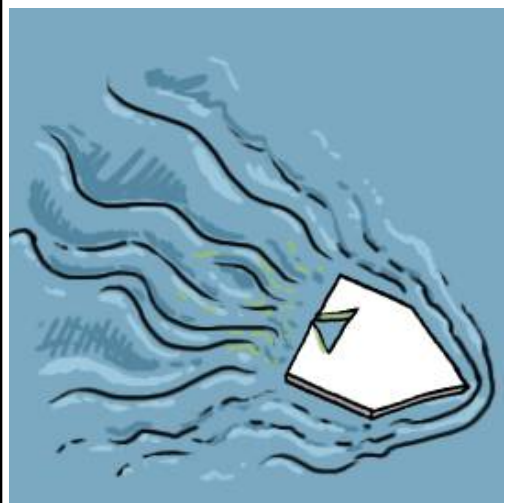
CATEGORY B: 1, 2 & 3
WEEK: 2 ACTIVITIES





WEEK: 2 ACTIVITY
THEME: EUREKA! EUREKA!




Day	Name of the Activity	Description	Material Required	Resources	Type of Submission : Image
<p>1</p> 	<p>Building a Soap-Powered Model Boat</p>	<p>Cut foam tray into boat shape, around 2 inches long. Apply soap to back notch of boat using a toothpick or filler. Launch boat on water surface and watch it move!</p>	<p>A foam tray (similar to the kind meat comes in) or a piece of non-corrugated cardboard. A tray, bowl, or cookie sheet filled with water. Liquid dish soap. A toothpick/filler</p> 	<p>CLICK HERE</p> <p>CLICK HERE</p>	



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2	Levitating Ball Experiment	Print and cut out paper cone template. Insert bendy straw into cone's hole, securing with tape or glue. Blow through straw to levitate ball inside cone.	Free paper cone template Styrofoam ball or ping pong ball Bendy straw Paper Tape Optional: hot glue	CLICK HERE CLICK HERE	









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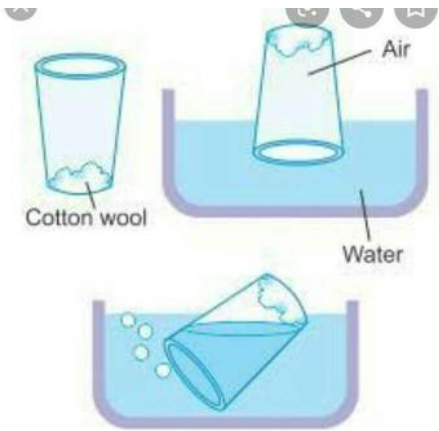
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<p>3</p> 	<p>Making Sundial</p>	<p>Cut out the sundial and glue it to a paper plate. Poke a hole through the center of the plate using the pencil. Push the straw through the hole, and tape the short end underneath to hold it in place. Take your sundial outside on a sunny day at noon and place it in a flat, sunny area.</p>	<p>Paper plate Glue stick Bendy straw Compass Pair of scissors Roll of tape Sharpened pencil Sundial face printout</p> 	<p> CLICK HERE</p>	



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4	Air Occupies Space	<p>Fill bowl with water for the experiment environment.</p> <p>Place tissue paper inside glass, then submerge glass upside down in water.</p> <p>Observe tissue paper staying dry due to trapped air, until glass is tilted slightly.</p>	<p>A bowl of water Tissue paper A glass</p>		





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5	Blow Up a Balloon with Yeast	<p>Pour warm water into bottle and add yeast, swirling gently.</p> <p>Add sugar and continue swirling.</p> <p>Stretch out balloon and place over bottle neck.</p> <p>Leave bottle in warm spot for 20 minutes and watch balloon inflate.</p>	<p>A packet of yeast (from the store)</p> <p>A small, clear plastic soda bottle</p> <p>1 teaspoon of sugar</p> <p>Some warm water</p> <p>A small balloon</p>	