



# 21 Days of At Home Science Experiments

(with things you already have)



<p>Float or Not Float: fill your tub (or a sink) with water and test 10 items to see if they float</p>	<p>Slime: make your own slime with cornflour and water (add water a tablespoon at a time until the right consistency)</p>	<p>Use Your Senses: can you guess a mystery object without sight? without touch? Set up mystery object bags in advance.</p>	<p>Music with Water: line up 5 glasses filled with varying levels of water, a fork will help you make music with them</p>	<p>Static Electricity: Can you make it? Try using different materials to see (examples: balloon, sock, blanket, comb)</p>	<p>Make a Rainbow: use a flashlight, cup of water + a white piece of paper to make a rainbow</p>	<p>Mix It Up: try mixing oil and water.....what happens?</p>
<p>Invisible Ink: make your own with lemon juice and a few drops of water.....don't forget to write some secret messages!</p>	<p>Rain Collection: set a measuring cup outside and observe rain / condensation</p>	<p>Grow Veggies: use the tops of vegetables and see how they continue to grow by placing them in an inch of water in a shallow bowl</p>	<p>Evaporation: does the sun REALLY help water evaporate? Fill 2 clear cups with water. Place one by a window and one in a dark place. Check back tomorrow!</p>	<p>Bubble Science: make your own bubble juice with dish soap and water</p>	<p>Physics: use legos or blocks to build ramps of varying angles. Which ramp can you drive a matchbox car down the fastest?</p>	<p>Shade and Sun: build shade structures out of legos</p>
<p>States of Matter: can you turn water into solid? liquid? gas?</p>	<p>Habitats: take a walk around your neighborhood and find 3 naturally occurring habitats</p>	<p>Magnet Play: how do magnets work? Use a set to experiment and look for patterns</p>	<p>The Five Senses: how can you observe an object with all 5 senses? Hint: use ice cream or a treat to add next level fun</p>	<p>Color Mixing: use food coloring or paint to mix the primary colors (red, yellow and blue)....see what you can create with them as a base</p>	<p>Shadow Observation: set up a sundial in the yard (or a sunny window) (this can be a paper plate with an upright block on it) ....observe how the shadow moves</p>	<p>Volcano (mess warning): make baking soda and vinegar volcano</p>