

# Home Learning - Science

<p>Can you film a weather report of yourself</p>	<p>Make your own perfume - what have you used and why?</p> 	<p>Use junk modelling to create a boat - test it, does it float?</p>	<p>Make a kite - can you fly it?</p> 	<p>Plop oil into water to see that they really don't mix; try it with a variety of liquids to make a rainbow of stripes.</p>
<p>Build a container for an egg that protects it from breaking when dropped</p>	<p>Change how an egg floats or sinks in a glass by adding salt to the water</p>	<p>Explore the texture of cornflour and water together - can you get an object to bounce off it!</p>	<p>Close your eyes and hold your nose - can you identify the food by its taste?</p>	<p>Dissolve the shell of an egg in a cup of vinegar</p> 
<p>Explore cornflour and washing up liquid</p> 	<p>Grow a bean in a clear cup and watch the roots grow</p>	<p>Set up a row of bottles with different amounts of liquid and then blow across the openings</p> 	<p>Make a rainbow by holding a glass of water up to the sunlight with a sheet of paper behind it to catch the colours.</p>	<p>OUTSIDE: Mix baking soda, vinegar, and glitter for a sparkly volcano.</p>
<p>Put pepper on a plate of water, dip your finger in. Next, put soap on your finger and dip it in - what happens?</p>	<p>Create a colourful and fizzy reaction by adding a drop of food colouring and a little baking soda to a sliced lemon.</p>	<p>Fold a paper aeroplane, bend a corner and see if it changes its flight path</p>	<p>Engineer a tall tower using red party cups and sheets of paper. How high can you go?</p>	<p>Use a plastic bag and a cup to make a parachute for a toy</p> 
<p>Build a miniature windmill using a few simple objects. Is it windy enough for it to turn?</p>	<p>Make a lava lamp by pouring vegetable oil into water and then sprinkling salt on it to make the blob of oil move.</p>	<p>Explore different ways to melt ice - which was the quickest?</p> 	<p>Use food colouring and water to see how combining primary colours makes secondary colours.</p>	<p>Drop food colouring into milk and watch as the colours move when you add some soap.</p>