

# Home Learning - Science

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| <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:<br/>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>   |