

5-14 March  
**British  
 Science  
 Week  
 2021**



Next week, we will be celebrating British Science Week. As part of Year 7's science lessons, we have planned an opportunity for them to take part in 'Kitchen Chemistry'. If they would like to join in, they will need to have the ingredients for at least one of the experiments below.

Don't worry if you can't get hold of these ingredients, there will be videos of the experiments available for them to watch.

<p><b><u>Experiment 1 - Rainbow in a glass</u></b></p> <ul style="list-style-type: none"> <li>● 150g sugar</li> <li>● Water</li> <li>● Four different colours of food colouring</li> <li>● Tablespoon</li> <li>● 5 glasses</li> </ul>	<p><b><u>Experiment 2 - Milk Explosion</u></b></p> <ul style="list-style-type: none"> <li>● Milk</li> <li>● Dinner plate</li> <li>● Four different colours of food colouring</li> <li>● Cotton buds</li> <li>● Washing up liquid</li> </ul>
<p><b><u>Experiment 3 - Walking Water</u></b></p> <ul style="list-style-type: none"> <li>● 7 glasses</li> <li>● Paper towels</li> <li>● Food colouring (red, yellow and blue work best)</li> <li>● Water</li> </ul>	<p><b><u>Experiment 4 - Lava Lamp</u></b></p> <ul style="list-style-type: none"> <li>● Tall bottle or glass</li> <li>● Cup</li> <li>● Vegetable oil</li> <li>● Food colouring</li> <li>● Vinegar</li> <li>● Baking Soda (3 spoons)</li> </ul>
<p><b><u>Experiment 5 - Oobleck</u></b></p> <ul style="list-style-type: none"> <li>● 2 cups of cornflour</li> <li>● 1 cup of water</li> <li>● Food colouring (optional)</li> </ul>	<p><b><u>Experiment 6 - Freezing Water</u></b></p> <ul style="list-style-type: none"> <li>● 100ml of cold water</li> <li>● 100ml of hot water</li> <li>● 2 cups (that can go in the freezer)</li> <li>● A freezer</li> </ul>
<p><b><u>Experiment 7 - White Flower (ideal mother's day gift!)</u></b></p> <ul style="list-style-type: none"> <li>● Different colours of food colouring</li> <li>● White flower (carnations work well but roses will also do)</li> <li>● Jars or glasses for the flower to stand up in</li> </ul>	