



Take Away Homework



Choose your homework from the menu below:

The Peri-ometer suggests the difficulty or challenge the homework may offer. Every half term you should attempt **at least one 'HOT or EXTRA HOT'** task!

Acids and Alkalis



Acid and Alkalis	Neutralisation	Uses of the reaction
<p>What makes an acid, an acid? Write a report outlining what makes an acid acidic, use scientific terms and formula wherever possible</p>	<p>Formula one? Create a teaching tool (any design you want) to show the products and reactions in the neutralisation process (including names, and symbols/ formula)</p>	<p>Design a fire extinguisher <i>Create an illustrated design/ display or power point to explain how you would use vinegar and bicarbonate of soda to make a foam fire extinguisher.</i></p>
<p>What are the colours and numbers in the pH scale, using universal indicator. <i>Produce a powerpoint or booklet outlining the main pH scale colour and substance of the pH.</i></p>	<p>Science first aid. <i>Make a comic strip to show how to treat a bee or wasp sting</i></p>	<p>Name that indicator! <i>Write an illustrated method for making an induicator out of things found in your home.</i></p>
<p>Research one type of indicator <i>How could you display this information creatively?</i></p>	<p>Investigate what uses there are for the neutraiasation reaction in industry <i>Create a visual display of these resources.</i></p>	<p>Imagine visiting a year 3 and 4 class to explain about Neutralisation. <i>Can you produce any resources to help spark interest and inspire? What visual aids would you use?</i></p>
<p>Investigate different household substances that are acids or alkalis. <i>How could you represent this creatively?</i></p>	<p>Find pictures showing the colour changes in a neutralisation reaction. <i>Can you create a collage of all the different colours?</i></p>	<p>Investigate how indigestion tablets work. <i>Display this information any way you choose.</i></p>