

Homework Grid

This half term we are using homework grids to set homework. Below are eight different learning activities that can be completed over this half term. Those highlighted with a ☺ must be completed but all the others are a free choice. However you must complete 4 out of the 8 by 9th December. Take your time and have fun - don't do them all in one week!

<p>Design a poster/collage to explain how the water cycle works. 4hps</p>	<p>Research and design your own robot timeline. When was the first robot built? How have they changed and developed over the years? 4hps</p>	<p>What can you find out about famous scientists or inventors linked to robotics. What did they discover/invent. 6hps</p>	<p>Can you design and draw or make a model of your own robot - why is it useful? What does it do? Label it and write about it. 5hps</p>
<p>How are Robotics being used in the medical profession? How are they helping people eg paralysed people, blind etc. 8hps</p>	<p>Custard / Cornflour Slime - Challenge Question 'Is custard / cornflour a solid, liquid or gas? For cornflour slime recipes visit http://www.sciencemuseum.org.uk Roll it onto your palm. What happens when you stop moving it in the centre of your palm. Try putting your hand in the saucer of slime really think about what happens. Let your hand sink slowly into the slime, but pull it out quickly what happens? How does it feel? Why does this happen. What other materials behave in this way? Photograph your experiment and stick the photos in your homework book. 5hps</p>	<p>This half term we are still focused on timed tables. Try these games: multiplication square so patterns can be shaded in and remembered. Rock paper scissors for multiplication. Pack of cards, upside down, child chooses two can they multiply numbers on them. Make a multiplication bingo game(available on sparklebox). Pinterest also has some good ideas for tables practise and games. Do a game each night for 5-10 minutes. Date and sign the homework diary to say you have played this with your child or if siblings/friends have played together. 7hps ☺</p>	<p>Oxygen, carbon dioxide, methane, helium, hydrogen, nitrogen are gases, find out 2 pieces of information about each gas and produce a poster for display or a PowerPoint about different gases. Can you find a picture to best represent the gases in everyday life? Search ☺ 8hps</p>