

Learning at home >> Term 1 >> Science

This work is in addition to any homework set by classroom teachers, homework can be found by using the 'insight' link on the homepage of our website.

If you would like any completed work marked, please pass it to school reception who will distribute it to the relevant classroom teachers.

YEAR 7	
<p>Resource links: http://www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/cells_systems/revision/3/</p>	<p>Task(s): Students should make a model of a cell using any materials they wish – household waste, modelling clay, food! Each part of the cell should be clearly labelled on the model. The finished model should be photographed and the picture printed and bought into school to be stuck into your book. The parts and functions of the cell can be found in the links to the left.</p>
YEAR 8	
<p>Resource links: Students should use an internet search engine to find arguments for and against. Some useful phrases may include.</p> <ul style="list-style-type: none"> - Should plastics be banned? - Recycling plastics - Pros and cons of plastic ban. 	<p>Task(s): "The use of plastics should be banded." Students should write an evaluation of this statement.</p> <ul style="list-style-type: none"> - What reasons are there to ban plastics that you agree with? - What reasons are there to continue using plastics? - What is your judgement based on the evidence you have found?
YEAR 9	
<p>Resource links: http://footprint.wwf.org.uk/ https://www.bbc.com/education/guides/zxy4xf/r/revision/4 https://www.youtube.com/watch?v=ilfxt90ED4</p>	<p>Task(s): Students should write a short essay answering the questions "What is a carbon foot print and why does it matter?" Students should include their own carbon footprint calculated using the WWF calculator to the left, and include ways to reduce their carbon footprint.</p>
YEAR 10	
<p>Resource links:</p> <ol style="list-style-type: none"> 1. Log into foldr from the Main SBL website using your normal school log in. Learning resources > Science> Core Practical revision booklets folder. 2. Further explanation of the core practical can be found by googling BBC bitesize GCSE science. 3. Watch the video clip that is linked in the booklet to learn/remind yourself of the core practical. 	<p>Task(s): You should download and complete one of the following core practical booklets that can be found on folder (see left).</p> <ol style="list-style-type: none"> 1. Microscopy 2. Osmosis 3. Making salts 4. Resistance 5. Specific heat capacity <p>The booklet can be printed out and written on or the work done in your book or on paper.</p>
YEAR 11	
<p>Resource links:</p> <ol style="list-style-type: none"> 1. Log into foldr from the Main SBL website using your normal school log in. Learning resources > Science> Core Practical revision booklets folder. 2. Further explanation of the core practical can be found by googling BBC bitesize GCSE science. 3. Watch the video clip that is linked in the booklet to learn/remind yourself of the core practical. 	<p>Task(s): You should download and complete one of the following core practical booklets that can be found on folder (see left).</p> <ol style="list-style-type: none"> 1. Enzymes 2. Food tests 3. Electrolysis 4. I-V characteristics 5. Density <p>The booklet can be printed out and written on or the work done in your book or on paper.</p>