

Bowmansgreen Primary School  
Year 5 – Home Learning Grid  
Autumn Term 2



Choose one Home Learning activity to complete each week. You can choose which task to complete and the order in which you do so. Once you have completed an activity, please ask a parent/carer to initial and date in the appropriate space. You may wish to include photographs of larger pieces of work and/or practical activities. Home learning is to be handed in by **Tuesday** each week.

<p style="text-align: center;"><b><u>Task One</u></b></p> <p>Test how well paper aeroplanes fly by changing one key aspect about them. Choose to change one of the following aspects: the material, the size or the shape of the aeroplane. Make three different planes and test how far they fly. Record your results in a table.</p> <p>The website below has a range of different aeroplanes you can make. Have fun!  <a href="http://paperaeroplanes.com/">http://paperaeroplanes.com/</a></p> <p>The following website goes through the main features of a science experiment e.g. purpose, hypothesis, research, conclusion.  <a href="https://sciencebob.com/science-fair-ideas/the-scientific-method/">https://sciencebob.com/science-fair-ideas/the-scientific-method/</a></p> <p><b>Challenge!</b>          Before flying the planes, write a hypothesis (prediction). Then afterwards write a conclusion. The 'sciencebob' link above can help with this.</p> <p><b>Parent/carer signature and date:</b>          .....</p>	<p style="text-align: center;"><b><u>Task Two</u></b></p> <p>Investigate how Vikings and Anglo-Saxons used runes. Using the website <a href="http://earlybritishkingdoms.com/kids/runes.html">http://earlybritishkingdoms.com/kids/runes.html</a> create a rune alphabet which shows which letter each rune represented. This could be painted.</p> <p>Then use the runes to write your name or the name of other people, such as your family, neighbours or friends.</p> <p><b>Challenge!</b>          Write a paragraph about yourself using runes instead of letters. Include a translation somewhere.</p> <p><b>Parent/carer signature and date:</b>          .....</p>	<p style="text-align: center;"><b><u>Task Three</u></b></p> <p>You will need to write at least three poems in the style of a cinquain:</p> <ul style="list-style-type: none"> <li>• One about the Christmas</li> <li>• One about the New Year</li> <li>• One about the Winter</li> </ul> <p>Make sure you present each poem in a neat, well thought out and colourful way. Please label the syllables in each word. Use this website to remind you of the rules when writing a cinquain.  <a href="https://www.howmanysyllables.com/english_grammar/poetry/cinquain_rules">https://www.howmanysyllables.com/english_grammar/poetry/cinquain_rules</a></p> <p><b>Challenge!</b>          Create another two cinquains!</p> <p><b>Parent/carer signature and date:</b>          .....</p>	<p style="text-align: center;"><b><u>Task Four</u></b></p> <p>You will need to create an e-safety/Being Smart poster or information leaflet. Your poster/leaflet may be chosen for a school display for visitors to see.</p> <p>First go on to the kidsmart website.  <a href="http://www.kidsmart.org.uk">http://www.kidsmart.org.uk</a></p> <p>Watch the videos and read all the tips to find out everything about Being Smart and e-safety. Then create your amazing poster/leaflet.</p> <p><b>Challenge!</b>          Can you create a Net Nasty poster as well?</p> <p><b>Parent/carer signature and date:</b>          .....</p>
<p style="text-align: center;"><b><u>Task Five</u></b></p> <p>Create a rotocopter and explore what forces are being used to make it work. Use this website for instructions on how to make a rotocopter:  <a href="https://exploratorium.edu/science_explorer/rotocopter.html">https://exploratorium.edu/science_explorer/rotocopter.html</a></p> <p>You will need:</p> <ul style="list-style-type: none"> <li>• print-out of the Roto-Copter pattern (<i>on website</i>) or a drawing of the pattern</li> <li>• pencil, scissors, paper clips, crayons or markers, newspaper, cereal bowl</li> </ul> <p>Take photos or draw a diagram of how the rotocopter works and label the forces that are acting on it as it spins.</p> <p><b>Challenge!</b>          Write an explanation of how it works. The website has a description to help you with understanding this.</p> <p><b>Parent/carer signature and date:</b>          .....</p>	<p style="text-align: center;"><b><u>Task Six</u></b></p> <p>Save a raw egg from certain doom by creating a way to protect it from the cold, hard ground, when it is dropped from the height of a door in your house! DO NOT DROP IT ON A CARPET – we are not trying to see what would make your parents cry! These websites may give you some ideas.</p> <p><a href="https://rosieresearch.com/egg-drop-challenge/">https://rosieresearch.com/egg-drop-challenge/</a>  <a href="https://www.beyondthechalkboard.org/activity/the-incredible-egg-egg-drop-challenge/">https://www.beyondthechalkboard.org/activity/the-incredible-egg-egg-drop-challenge/</a></p> <p><b>Challenge!</b>          Can you drop it from higher than a door? Perhaps from your bedroom window if you have an upstairs bedroom.</p> <p><b>Parent/carer signature and date:</b>          .....</p>	<p style="text-align: center;"><b><u>Task Seven</u></b></p> <p>You will need to think about the meaning of the word respect, which is our school value for this half-term. Why is it important? How do you show respect? Create a poster showing at least six different ways someone can show respect. This website may be useful -  <a href="http://www.cyh.com/HealthTopics/HealthTopicDetailsKids.aspx?p=335&amp;np=287&amp;id=2356">http://www.cyh.com/HealthTopics/HealthTopicDetailsKids.aspx?p=335&amp;np=287&amp;id=2356</a></p> <p><b>Challenge!</b>          Write a short dialogue between two characters, perhaps you and your friend, where each shows respect for the other. Remember to include speech punctuation and the correct layout.</p> <p><b>Parent/carer signature and date:</b>          .....</p>	<p style="text-align: center;"><b><u>Task 8</u></b></p> <p>Create a piece of Viking jewellery. Go to this website and follow the instructions to create your own jewellery.  <a href="https://www.kidadl.com/articles/viking-art-ks2-fun-facts-and-activities#">https://www.kidadl.com/articles/viking-art-ks2-fun-facts-and-activities#</a></p> <p><b>Challenge!</b>          Write a set of instructions to show how to make your item of jewellery.</p> <p><b>Parent/carer signature and date:</b>          .....</p>

