

Bowmansgreen Primary School
Year 5 – Home Learning Grid
Spring Term 1



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;"><u>Task One</u></p> <p>Create a 3D model of the solar system. The planets must be in order from the Sun and roughly the right sizes in relation to the other planets and the Sun. You might want to use the website below to help you create your model of the solar system but remember you can use any materials that you have at home.</p> <p>https://www.hobbycraft.co.uk/ideas/how-to-make-a-model-solar-system.html</p> <p><u>Challenge!</u> Can you come up with an acronym for the order of the planets from the Sun?</p> <p><i>Parent/carer signature and date:</i></p>	<p style="text-align: center;"><u>Task Two</u></p> <p>Our PSHE topic is goals and dreams. Create a poster showing what you would like your life to be like when you are a grown up. Include:</p> <ol style="list-style-type: none"> 1) Where you want to live 2) What type of home you'd like 3) What job/s you want to do 4) How often you want to work 5) What you will do in your free time <p>https://www.bbc.co.uk/bitesize/articles/z7n8scw</p> <p><u>Challenge!</u> Choose one aspect of your poster and write what small goals you could achieve to reach your dream.</p> <p><i>Parent/carer signature and date:</i></p>	<p style="text-align: center;"><u>Task Three</u></p> <p>Create an information poster about the planets in our solar system. Include these parts:</p> <ol style="list-style-type: none"> 1) Diagram of the solar system 2) At least one piece of information about each planet 3) The order of the planets from nearest to furthest away from the sun. <p>https://www.space.com/16080-solar-system-planets.html</p> <p><u>Challenge!</u> Make some comparisons between some of the planets. What is the same and what is different?</p> <p><i>Parent/carer signature and date:</i></p>	<p style="text-align: center;"><u>Task Four</u></p> <p>Design your own earthquake-proof building. Watch the video below, which explains how the tectonic plates can cause earthquakes.</p> <p>https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zj89t39#z2d9kty https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/z7gkwnb</p> <p>You will need to consider the effects of an earthquake when you design your own earthquake-proof building. For example: how will your building withstand the land shaking? What is special about your building to ensure it will stay standing if the ground cracks beneath it? You can use imaginary resources. For example, my building has hidden hoverboards which are activated when an earthquake siren goes off and makes the building hover above the shaking earth.</p> <p><u>Challenge!</u> Wait there's a problem! There has been an alert for an earthquake near your building but it has triggered a tsunami. What modifications can you make to your building so it will withstand the tsunami?</p> <p><i>Parent/carer signature and date:</i></p>
<p style="text-align: center;"><u>Task Five</u></p> <p>In Art and Design, we are going to be looking at the decisions we make as an artist. We would like you to find an image of Space. You then need to choose a small section of this image which you are going to focus on. Divide your page into 4 and copy the section of your image using:</p> <ul style="list-style-type: none"> • a continuous line drawing • shading and tones • layering, cutting or ripping paper • a pencil drawing <p>https://finearttutorials.com/guide/continuous-line-drawing/ https://thevirtualinstructor.com/shading-techniques-basics.html</p> <p><u>Challenge!</u> Write a couple of sentences explaining which technique was your favourite and the more effective.</p> <p><i>Parent/carer signature and date:</i></p>	<p style="text-align: center;"><u>Task Six</u></p> <p>To celebrate our new year and to promote reconciliation, peace and forgiveness, we would like you to make a Lunar New Year lantern. Lunar New Year will be celebrated this year on 10th February. Follow the instructions from the link below to make your own lantern. Remember you can make it as bright and as colourful as you would like.</p> <p>https://busybusylearning.com/making-a-chinese-lantern/</p> <p><u>Challenge!</u> Write three facts that you find out from this website about the significance of the lantern festival.</p> <p>https://chinesenewyear.net/lantern-festival/</p> <p><i>Parent/carer signature and date:</i></p>	<p style="text-align: center;"><u>Task Seven</u></p> <p>This term, our school value is friendship. The website below provides examples of what the word 'friend' may mean to you.</p> <p>https://www.bbc.co.uk/bitesize/clips/zh-hpb9q</p> <p>We would like you to consider the qualities of a good friend and actions you can undertake to strive to be a better friend. Design a poster including: defining what friendship means to you, two ways you could become friendlier. two ways you could be kinder and actions you would take if you saw somebody alone on the playground</p> <p><u>Challenge!</u> What advice would you give somebody who was sitting in the lunch hall without any lunch?</p> <p><i>Parent/carer signature and date:</i></p>	<p style="text-align: center;"><u>Task 8</u></p> <p>Imagine you are an alien from Mars that has landed at Bowmansgreen. How would you describe your home planet to the pupils in Year 5? Write them a letter to do this. e.g. Hello, little Earthlings. I come from the planet that you call Mars. My planet is nothing like yours. Firstly, my planet is far larger than this tiny planet.</p> <p>https://science.nasa.gov/mars/</p> <p>You will need to include:</p> <ul style="list-style-type: none"> • Who you are writing to • Introduce yourself • Describe Mars • Say goodbye • Sign off with your alien name <p>Your letter should be at least two paragraphs in length.</p> <p><u>Challenge!</u> Write five facts that you would like to share with the alien about planet Earth. Try and think of interesting ones that the alien wouldn't know.</p> <p><i>Parent/carer signature and date:</i></p>

