

**Year 6 - Home Learning Grid – Autumn 2**

We appreciate that some weekends are busier than others; therefore we are giving you the flexibility to complete home learning tasks in your own time. Instead of checking weekly we have decided to take homework books in over half term to monitor progress with home learning. Below are 15 home learning tasks for you to complete during the half term. There are 5 tasks for Maths and English and 5 creative tasks to choose from. Each child is expected to complete **ten tasks** over the half term.

Please ensure you return your home learning book to school in the last week of half term.

<b>English</b>	<b>Maths</b>	<b>Creative</b>
<b><u>Letter Writing</u></b> Write a letter to a member of parliament to highlight the traffic issues in our local area. Firstly, you will need to research who our local MP is. Then, you need to think about how you feel as you walk to and from school. Did you notice any changes to the traffic during lockdown? How does traffic impact pollution? What about noise and safety? Don't forget to set out your letter correctly and write in a formal style.	<b><u>Finding the Mean</u></b> Keep a record of how long you watch TV each day for a week. Then work out the total watching time for the week. Work out the average watching time for a day (that is, the total time divided by 7). Alternatively, keep a record of time spent eating meals, or playing outdoors, or playing computer games or anything else you do each day. Then work out the daily average. Show your record and working out in your Homework book.	<b><u>Computing</u></b> Using scratch, an online coding software, create a short film or game. Scratch can be accessed online: <a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a> or you can download an app onto a tablet/device. There are tutorials which you can watch which will teach you how to get started. Experiment with making the character move and change direction. Can you tell a story? How exciting can you make it?
<b><u>Instruction Writing</u></b> Make a meal or dish at home. Then, create a set of instructions for how to make it. Don't forget to include a list of ingredients and instructions starting with imperative verbs (e.g. mix, cut, bake). Make it clear and concise so it is easy to follow.	<b><u>Money</u></b> Assume you have £1000 to spend or give away. Plan what to do with it, down to the last penny. List how much you will spend on each item and show your subtraction calculations. You need to plan to buy at least 6 items.	<b><u>Science</u></b> Research microorganisms and create a report about them. Your report can be about microorganisms generally or about one specific type. Think about: What is it? What does it do? How/when was it discovered? Who discovered it? Is it beneficial or dangerous to humans or animals? What does it look like?
<b><u>Narrative</u></b> Write a narrative of your own choosing. Carefully consider characters and setting. Then, plan your story using a 'story mountain'. Don't forget to include interesting punctuation and vocabulary throughout your work.	<b><u>Maths Game #1</u></b> Create a Maths game. Write instructions in your book.	<b><u>PSHE</u></b> Create a poster about online safety, highlighting possible dangers and suggest ways that people can keep themselves safe. Before you begin, discuss this with an adult.

<p><b><u>Narrative</u></b>  On YouTube, watch the Pixar Short Film called 'Lava'. Retell the story in your own words. You will need to choose whether you write it in the first person or third person – are you going to imagine you are one of the main characters? Don't forget to use a range of punctuation including: colons, semi colons, dashes and brackets. Try to impress us by creating a clear mind movie by using exciting vocabulary and description.</p>	<p><b><u>Maths Game #2</u></b>  Play a Maths game (either the one you have created or another one you know or have). Write a review of the game and evaluate it. What Maths skills does it help you with? How does it help you to improve those skills? What could be developed with the game to help others to improve their maths skills?</p>	<p><b><u>Music/Art</u></b>  Recall what you learnt about in music last half term and then choose a composer from those we studied. After listening to some of their music online, create a portrait of them. You can use any materials you have available to you e.g. paint, colouring pencils or felt tips. Some composers we studied:</p> <ul style="list-style-type: none"> <li>- Mozart</li> <li>- Chopin</li> <li>- Vivaldi</li> <li>- Duke Ellington</li> <li>- John Williams</li> </ul>
<p><b><u>Poetry</u></b>  Write a poem about winter. Think about whether you want it to be a free verse poem or a rhyming poem. Before you begin writing, note down your thoughts, feelings and sights you associate with this season. Re-read your poem and consider it from the reader's perspective. Is there anything you can improve?</p>	<p><b><u>4s</u></b>  Can you make each number from 1 to 100 using only the digit 4? Use exactly four 4s each time. You can add, subtract, multiply or divide them. e.g. <math>1 = (4 + 4) \div (4 + 4)</math>,  <math>2 = 4 \div 4 + 4 \div 4</math></p>	<p><b><u>Humanities</u></b>  Choose a country from South America and create a presentation about it – the more imaginative the better! Include information on population, physical characteristics and culture. You can choose to present your work in any way you think suitable e.g. poster, PowerPoint or video clip.</p>