|  |  |  |  |
| --- | --- | --- | --- |
| **Maths** | **Science** | | **English** |
| **Arithmetic**  **TIMES TABLES PRACTISE – e.g. TTRS**   * Make up 10 of your multiplication questions (either 3 or 4 digits x 1 digit or 2 digits by 2 digts) and calculate the answers. * Create space themed word problems. * Research constellations. Create your own on a coordinates grid and write out the coordinates. * Complete an arithmetic test (on class page on website) * Complete a space themed times tables mosaic (on class page on website) | Complete one of these experiments on this site: <http://www.sciencekids.co.nz/experiments.html>  Make sure that you have an adult to help you!   * Gravity Free Water * Make a Tornado in a bottle * Invisible Ink   OR   * Make up a space quiz (with answers!) for the class. * Observe the night sky and note any constellations you see. * Create some fact cards (at least 3) for the different planets in the solar system * Keep a moon diary over 28 days, drawing the shape of the moon each night. | | **PRACTISE SPELLINGS**   * Write a story about going on a space adventure or about an alien visiting Earth * Write an acrostic poem for a planet * Create a persuasive poster about ‘Our Changing World’ Can you persuade people to make some lifestyle changes? * Write a diary entry from the perspective of Michael, his Mum or Dad (Kensuke’s Kingdom) * Create a missing poster for Michael or Stella (Kensuke’s Kingdom) * Write or film a newspaper report about Michael going missing. |
| **Reasoning**   * Complete a maths test (on class page on website) * Complete a space themed maths challenge (On class page on website) * Write 5 of your own multi-step maths problems using multiplication and division. * Draw a space themed picture using only 2D shapes. | **Year 5 – Spring 2025**  **Our Changing World**  ***HIGHLIGHTED home learning should be completed EVERY WEEK.***  ***Pick one other task from the grid each week.***  ***Tasks in the ‘Topic’ section should only be completed once per half term.*** | | **READING WITH AN ADULT 3-4 TIMES PER WEEK**   * Write a book review for another book by Michael Morpurgo * Complete one of the Twinkl Reading tests (on class page on website) * Complete a Kensuke’s Kingdom Challenge Card (on class page on website) * Create a non-chronological report about space. |
| **Topic** | | | |
| * Go outside and find examples of weathering. Draw them or take pictures and explain how the rock has been weathered. * Create a PowerPoint presentation about moon phases. * Make a model of a coastline * Using a recipe for a dish, adapt it to make it more nutritious (and make the dish if you can!) * Think of an area that you think needs changing and improving. Design the new version and explain why you have chosen your ideas. | | * Create model cliffs and beaches using piles of wet sand in a deep tray. Add water to the tray and use stiff cardboard to move the water to create waves. Observe how the waves erode the bottom of the piles of sand, causing them to eventually collapse. * Make models out of playdough and take photos which you can then put together to create an animation . | |