










S1 Home Learning Challenge

**Maths and Numeracy:**

- You choose which activities to complete to extend your learning at home
- You can get any resources you might need from the Maths Department website or use your own if it suits you
- As you complete each activity, ask your class teacher to sign and date it
- Complete a row diagonally, horizontally or vertically to get 10 House Points
- Earn 50 House Points if you complete the whole grid
- Hand in your signed sheets to Mr Duncan

 <p><b>FOUR FOURS PUZZLE!</b></p> <p>Use your applying skills to complete the Four Fours puzzle on the S1 Homework Challenge section of the Maths Dept website. Can you make the numbers 1 – 20 using only four fours?!</p> <p><b>Class teacher signature and date:</b></p>	 <p><b>SUDOKU!</b></p> <p>Complete the Japanese Sudoku puzzle on the S1 Homework Challenge section of the Maths Dept. The objective is to fill a 9x9 grid with digits so that each column, row and each of the nine squares contain all of the digits from 1 to 9.</p> <p><b>Class teacher signature and date:</b></p>	 <p><b>MATHS WORDLES</b></p> <p>Have a look at some of the “Maths Wordles” on the S1 Homework Challenge section of the Maths Dept. Try to come up with five of your own Maths Wordles!</p> <p><b>Class teacher signature and date:</b></p>
 <p><b>MATHS JOB!</b></p> <p>Research a job that involves Maths. Create a flyer highlighting the skills required for this job and giving as much information about it as possible.</p> <p><b>Class teacher signature and date:</b></p>	 <p><b>MATHS IN OTHER SUBJECTS!</b></p> <p>Think of three examples of pieces of work you have done in other subjects that have involved Maths. Describe what the work was and how Maths helped you complete it.</p> <p><b>Class teacher signature and date:</b></p>	 <p><b>SYMMETRY!</b></p> <p>Using your phone or a digital camera, take photos of ten different examples of symmetry you can find in your house or outside.</p> <p><b>Class teacher signature and date:</b></p>
 <p><b>SHAPES!</b></p> <p>Using your phone or a digital camera, take photos of real life examples of each of these shapes: Cone, Cylinder, Sphere, Triangular Prism, Cuboid, Cube, Pyramid.</p> <p><b>Class teacher signature and date:</b></p>	 <p><b>FAMOUS MATHEMATICIAN!</b></p> <p>Using the internet, research a famous mathematician and design a poster about them. Try to find out why they are famous, what maths they are famous for and any other important information.</p> <p><b>Class teacher signature and date:</b></p>	 <p><b>MATHS CROSSWORD!</b></p> <p>Test your knowledge of mathematical definitions by completing the Maths Crossword on the S1 Homework Challenge section of the Maths Dept website.</p> <p><b>Class teacher signature and date:</b></p>

Name: \_\_\_\_\_ Class/ House: \_\_\_\_\_