

Learning from Home Maths GRID Stage 3 Boolaroo Public School

**INSTRUCTIONS:** Each day, choose one math activity to complete. Students may change the Place Value of Numbers to make less/more challenging

*Students can complete activities online on MS Teams and submit to their teacher via MS Teams, or on paper or an exercise book*

<p><b>Number</b> Choose a number between 10 000 and 99 000. Use words and pictures to create a poster showing as much information about the number as possible.</p>	<p><b>Addition and Subtraction</b> What happens when you add an odd number to an even number? Do this 5 times using different numbers, then explain what the rule might be.</p>	<p><b>Multiplication and Division</b> Write 5 real-life word problems that need to be solved using multiplication. Answer each problem and show your working.</p>	<p><b>Measurement</b> Find 10 items around the house and measure the length of them in cm and mm. Next, order the measurements from smallest to largest.</p>	<p><b>Statistics and Probability</b> Perform a chance experiment by flipping a coin and writing a tally for whether it lands on heads or tails. If you have a dice, you could do rolls of 1-6.</p>	<p><b>Space and Geometry</b> Look around the home and write down examples of real-life acute, right, straight and obtuse angles.</p>
<p><b>Number</b> Research the population of 5 towns in your state. Write each population figure in numbers and in words.</p>	<p><b>Addition and Subtraction</b> Using a take-away menu, order dinner for your family. List each item and how much it costs, then calculate the total price. Use a calculator to check your calculations.</p>	<p><b>Multiplication and Division</b> Write 5 real-life word problems that need to be solved using division (no remainder). Answer each problem and show your working.</p>	<p><b>Measurement</b> Draw a basic map of a vegetable garden. Include a legend which shows what the symbols on your map represent. Include a scale e.g. 1 cm = 1 m.</p>	<p><b>Statistics and Probability</b> Using smarties or skittles, sort them into colours, write a tally table of the colour sort, draw a column graph, write 5 questions to ask about the results and answer these questions.</p>	<p><b>Space and Geometry</b> Search for examples of 3D objects around the home and either write them down or create a Google Slides with pictures taken of them.</p>
<p><b>Number</b> How many ways can you represent the fraction <math>\frac{1}{2}</math>? Use words and pictures to create a poster showing as much information about this fraction as possible.</p>	<p><b>Addition and Subtraction</b> Write 5 real-life word problems that need to be solved using addition. Answer each problem and show your working.</p>	<p><b>Multiplication and Division</b> Draw visual representations for <math>3 \times 3</math>, <math>4 \times 6</math> and <math>6 \times 8</math>. Write a sentence to explain each drawing.</p>	<p><b>Measurement</b> Each night this week, record the total amount of sleep you have each night. Predict how much sleep you might have over the weekend and explain your prediction.</p>	<p><b>Statistics and Probability</b> Create a table with the following headings: Certain, Likely, Unlikely, Impossible. List at least 5 events that would belong under each heading.</p>	<p><b>Space and Geometry</b> Find 10 straight objects around your home e.g. a toothbrush, a pen, a wooden spoon. Measure and record their lengths. Order the objects from shortest to longest.</p>
<p><b>Number</b> Create number sequences that decrease by 4, 7 and 8. Make sure there are at least 10 numbers in each sequence. Start each sequence with the number 120.</p>	<p><b>Addition and Subtraction</b> Write 5 real-life word problems that need to be solved using subtraction. Answer each problem and show your working.</p>	<p><b>Multiplication and Division</b> Draw visual representations for <math>9 \div 3</math>, <math>24 \div 6</math> and <math>16 \div 8</math>. Write a sentence to explain each drawing.</p>	<p><b>Measurement</b> Find 5 empty containers from around your home. Draw the containers in order from the least capacity to the greatest capacity (you may need to measure them first).</p>	<p><b>Statistics and Probability</b> You have been asked by the school canteen to research which fruits the students at your school like the best. Explain how you would collect and display this data.</p>	<p><b>Space and Geometry</b> Draw a symmetrical picture or pattern of your own choice. Colour your picture or pattern, making sure that the colours maintain the symmetry.</p>