

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>Number 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>Addition and Subtraction 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>Multiplication and Division Write 5 real-life word problems that need to be solved using multiplication. Answer each problem and show your working.</p>	<p>Measurement 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>Statistics and Probability 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>Space and Geometry Look around the home and write down examples of real-life acute, right, straight and obtuse angles.</p>
<p>Number Research the population of 5 towns in your state. Write each population figure in numbers and in words.</p>	<p>Addition and Subtraction 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>Multiplication and Division Write 5 real-life word problems that need to be solved using division (no remainder). Answer each problem and show your working.</p>	<p>Measurement 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>Statistics and Probability 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>Space and Geometry 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>Number How many ways can you represent the fraction $\frac{1}{2}$? Use words and pictures to create a poster showing as much information about this fraction as possible.</p>	<p>Addition and Subtraction Write 5 real-life word problems that need to be solved using addition. Answer each problem and show your working.</p>	<p>Multiplication and Division Draw visual representations for 3×3, 4×6 and 6×8. Write a sentence to explain each drawing.</p>	<p>Measurement 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>Statistics and Probability Create a table with the following headings: Certain, Likely, Unlikely, Impossible. List at least 5 events that would belong under each heading.</p>	<p>Space and Geometry 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>Number 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>Addition and Subtraction Write 5 real-life word problems that need to be solved using subtraction. Answer each problem and show your working.</p>	<p>Multiplication and Division Draw visual representations for $9 \div 3$, $24 \div 6$ and $16 \div 8$. Write a sentence to explain each drawing.</p>	<p>Measurement 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>Statistics and Probability 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>Space and Geometry Draw a symmetrical picture or pattern of your own choice. Colour your picture or pattern, making sure that the colours maintain the symmetry.</p>