



## TSS Primary Maths MTP 2022-2023

### Year 5 Block 1

Week	Key Targets and Learning Objectives	Key Activities	Success Criteria	Key Vocabulary
1	<ul style="list-style-type: none"><li>Angles</li><li>5Gg.07 Estimate, compare and classify angles, using geometric vocabulary including acute, right, obtuse and reflex.</li><li>5Gg.08 Know that the sum of the angles on a straight line is <math>180^\circ</math> and use this to calculate missing angles on a straight line.</li><li>Triangles</li><li>5Gg.01 Identify, describe, classify and sketch isosceles, equilateral or scalene triangles, including reference to angles and symmetrical properties.</li></ul>	<ul style="list-style-type: none"><li>Student's Book pp. 55-63</li><li>Activity Book pp. 46-52</li> <li>Student's Book pp.64–71</li><li>Activity Book pp.53–56</li></ul>	<ul style="list-style-type: none"><li>I can estimate angles</li><li>I can compare angles</li><li>I can classify angles based on their properties</li><li>I can calculate the value of a missing angle on a straight line</li> <li>I can classify triangles based on their properties</li><li>I can draw triangles based on their properties</li></ul>	<ul style="list-style-type: none"><li>Angle</li><li>Reflex</li><li>Obtuse</li><li>Acute</li><li>Right angle</li> <li>Isosceles</li><li>Equilateral</li><li>Right-angled scalene</li></ul>
2	<ul style="list-style-type: none"><li>Perimeter and Area</li><li>5Gg.02 Estimate and measure perimeter and area of 2D shapes, understanding that shapes with the same perimeter can have different areas and vice versa.</li><li>5Gg.03 Draw compound shapes that can be divided into rectangles and squares. Estimate, measure and calculate their perimeter and area.</li></ul>	<ul style="list-style-type: none"><li>Student's Book pp.72–84</li><li>Activity Book pp.57–68</li></ul>	<ul style="list-style-type: none"><li>I can estimate the perimeter of a 2D shape</li><li>I can measure the perimeter of a 2D shape</li><li>I can divide compound shapes into squares and rectangles</li><li>I can estimate the area of a compound shape</li><li>I can measure the area of a compound shape</li></ul>	<ul style="list-style-type: none"><li>Perimeter</li><li>Area</li><li>Compound</li></ul>
3	<ul style="list-style-type: none"><li>3D Shapes</li><li>5Gg.04 Identify, describe and sketch 3D shapes in different orientations.</li><li>5Gg.05 Identify and sketch different nets for a cube.</li></ul>	<ul style="list-style-type: none"><li>Student's Book pp.85–96</li><li>Activity Book pp.69–75</li></ul>	<ul style="list-style-type: none"><li>I can identify 3D shapes</li><li>I can draw 3D shape</li><li>I can identify and draw different nets of a cube</li></ul>	<ul style="list-style-type: none"><li>Cuboid</li><li>Orientations</li><li>Closed Cube</li><li>Open Cube</li></ul>



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4	<ul style="list-style-type: none"><li>• Probability and Chance</li><li>• 5Sp.01 Use the language associated with likelihood to describe and compare likelihood and risk of familiar events, including those with equally likely outcomes.</li><li>• 5Sp.02 Recognise that some outcomes are equally likely to happen and some outcomes are more (or less) likely to happen, when doing practical activities.</li><li>• 5Sp.03 Conduct chance experiments or simulations, using small and large numbers of trials, and present and describe the results using the language of probability.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp. 97-109</li><li>• Activity Book pp. 76-83</li></ul>	<ul style="list-style-type: none"><li>• I can use words to describe the likelihood of an event happening</li><li>• I can state whether two events are equally, more or less likely to happen</li></ul>	<ul style="list-style-type: none"><li>• Probability</li><li>• Chance</li><li>• Likelihood</li><li>• Outcomes</li><li>• Results</li><li>• Likely</li><li>• Unlikely</li><li>• Impossible</li><li>• Certain</li><li>• More likely</li><li>• Less likely</li><li>• Most likely</li><li>• Least likely</li></ul>
5	<ul style="list-style-type: none"><li>• Add Numbers, Including Negative Numbers</li><li>• 5Ni.01 Estimate, add and subtract integers, including where one integer is negative.</li><li>• 5Ni.02 Understand which law of arithmetic to apply to simplify calculations.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.114–116</li><li>• Activity Book pp.87–89</li></ul>	<ul style="list-style-type: none"><li>• I can estimate and add numbers up to 10 000</li><li>• I can add positive and negative numbers</li></ul>	<ul style="list-style-type: none"><li>• Count On</li><li>• Negative numbers</li><li>• Addition</li><li>• Plus</li><li>• Integer</li></ul>
6	<ul style="list-style-type: none"><li>• Subtract Numbers, Including Negative Numbers</li><li>• 5Ni.01 Estimate, add and subtract integers, including where one integer is negative.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.117–121</li><li>• Activity Book pp.90–93</li></ul>	<ul style="list-style-type: none"><li>• I can estimate and subtract numbers up to 10 000</li><li>• I can subtract positive and negative numbers</li></ul>	<ul style="list-style-type: none"><li>• Count back</li><li>• Negative numbers</li><li>• Subtract</li><li>• Take away</li><li>• Integer</li></ul>



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	<ul style="list-style-type: none"><li>• 5Ni.02 Understand which law of arithmetic to apply to simplify calculations.</li></ul>			
7	<ul style="list-style-type: none"><li>• Use objects, symbols and shapes for unknown numbers</li><li>• 5Nc.02 Recognise the use of objects, shapes or symbols to represent two unknown quantities in addition and subtraction calculations.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.110–113</li><li>• Activity Book pp.84–86</li></ul>	<ul style="list-style-type: none"><li>• I can add to find the values of unknown numbers</li><li>• I can subtract to find the values of unknown numbers</li></ul>	<ul style="list-style-type: none"><li>• Unknown value</li></ul>