



## TSS Primary Maths MTP 2022-2023

### Year 6 Block 1

Week	Key Targets and Learning Objectives	Student Activity	Success Criteria	Key Vocabulary
1	<ul style="list-style-type: none"><li>• 6Np.01 Understand and explain the value of each digit in decimals (tenths, hundredths and thousandths).</li><li>• 6Np.03 Compose, decompose and regroup numbers, including decimals (tenths, hundredths and thousandths).</li><li>• 6Np.02 Use knowledge of place value to multiply and divide</li><li>• whole numbers and decimals by 10, 100 and 1000.</li></ul>	<ul style="list-style-type: none"><li>• Understand decimals up to thousandths. (4 periods)</li><li>• Multiply and divide by 10, 100 or 1000. (2 periods)</li></ul>	<ul style="list-style-type: none"><li>• I can explain the value of digits in decimals to thousandths.</li><li>• I can compose, decompose and regroup decimals to thousandths.</li><li>• I know thousandths are a whole divided by 1,000.</li><li>• I know tenths, hundredths and thousandths equivalents.</li><li>• I can represent thousandths in different ways.</li></ul>	<ul style="list-style-type: none"><li>• thousandth, compose, decompose, regroup</li><li>• multiply, divide</li></ul>
2	<ul style="list-style-type: none"><li>• 6Np.02 Use knowledge of place value to multiply and divide whole numbers and decimals by 10, 100 and 1000.</li><li>• 6Np.04 Round numbers with 2 decimal places to the nearest tenth or whole number.</li><li>• 6Nc.01 Count on and count back in steps of constant size, including fractions and decimals, and extend beyond zero to include negative numbers.</li></ul>	<ul style="list-style-type: none"><li>• Multiply and divide by 10, 100 or 1000. (1 period)</li><li>• Round decimals to the nearest whole number or tenth. (4 periods)</li><li>• Count on and back. (1 period)</li></ul>	<ul style="list-style-type: none"><li>• I can multiply and divide whole numbers and decimals by 10, 100 and 1000.</li><li>• I can round to the nearest whole number.</li><li>• I can round to the nearest tenth.</li><li>• I can solve problems by rounding decimals.</li><li>• I can count on in decimals.</li></ul>	<ul style="list-style-type: none"><li>• multiply, divide</li><li>• rounded to the nearest whole number, rounded to the nearest tenth</li><li>• count on, count back</li></ul>
3	<ul style="list-style-type: none"><li>• 6Nc.01 Count on and count back in steps of constant size, including fractions and decimals, and extend beyond zero to include negative numbers.</li></ul>	<ul style="list-style-type: none"><li>• Count on and back. (3 periods)</li><li>• Use the order of operations. (3 periods)</li></ul>	<ul style="list-style-type: none"><li>• I can count on and back in decimals and fractions.</li><li>• I can simplify calculations using arithmetic laws and the order of operations.</li></ul>	<ul style="list-style-type: none"><li>• count on, count back</li><li>commutative law of multiplication, associative law of multiplication, laws of arithmetic, order of operations, commutative</li></ul>



## TSS Primary Maths MTP 2022-2023

### Year 6 Block 1

	<ul style="list-style-type: none"> <li>6Ni.02 Use knowledge of laws of arithmetic and order of operations to simplify calculations.</li> </ul>			law of addition, associative law of addition, distributive law
4	<ul style="list-style-type: none"> <li>6Ni.03 Understand that brackets can be used to alter the order of operations.</li> <li>6Gg.01 Identify, describe, classify and sketch quadrilaterals, including reference to angles, symmetrical properties, parallel sides and diagonals.</li> </ul>	<ul style="list-style-type: none"> <li>Use brackets. (4 periods)</li> <li>Identify, describe and sketch quadrilaterals. (2 periods)</li> </ul>	<ul style="list-style-type: none"> <li>I can use brackets to alter the order of operations.</li> <li>I can identify, describe, classify &amp; sketch quadrilaterals.</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>Brackets</li> <li>quadrilateral, parallel lines, squares, rectangles, rhombuses, trapeziums, parallelograms, kites, decompose, tessellation</li> </ul>
5	<ul style="list-style-type: none"> <li>6Gg.01 Identify, describe, classify and sketch quadrilaterals, including reference to angles, symmetrical properties, parallel sides and diagonals.</li> <li>6Gg.02 Know the parts of a circle: centre, radius, diameter and circumference.</li> </ul>	<ul style="list-style-type: none"> <li>Identify, describe and sketch quadrilaterals. (2 periods)</li> <li>Know the parts of a circle: centre, radius, diameter and circumference. (4 periods)</li> </ul>	<ul style="list-style-type: none"> <li>I can identify, describe, classify &amp; sketch quadrilaterals.</li> <li>I know the parts of a circle.</li> <li>Identify, describe and sketch triangles.</li> <li>Estimate and compare angles.</li> <li>Name angles.</li> <li>Know that the sum of the angles on a straight line is <math>180^\circ</math>.</li> <li>Understand the concept of perimeter.</li> </ul>	<ul style="list-style-type: none"> <li>quadrilateral, parallel lines, squares, rectangles, rhombuses, trapeziums, parallelograms, kites, decompose, tessellation</li> <li>circumference, radius, diameter, centre</li> </ul>
6	<ul style="list-style-type: none"> <li>6Gg.11 Construct circles of a specified radius or diameter.</li> <li>6Gg.03 Use knowledge of area of rectangles to estimate and calculate the area of right-angled triangles</li> </ul>	<ul style="list-style-type: none"> <li>Construct circles with a specified radius or diameter. (3 periods)</li> <li>Use knowledge of area of rectangles to estimate and calculate the area of right-angled triangles. (3 periods)</li> </ul>	<ul style="list-style-type: none"> <li>Know the different parts of a circle</li> <li>To be able construct circles of a specified radius or diameter.</li> </ul>	<ul style="list-style-type: none"> <li>construct, radius, compass</li> <li>rectangle, right-angled triangles, area, square centimetre</li> </ul>



## TSS Primary Maths MTP 2022-2023

### Year 6 Block 1

7	<ul style="list-style-type: none"><li>• 6Gg.09 Classify, estimate, measure and draw angles.</li></ul>	<ul style="list-style-type: none"><li>• Classify, estimate and draw angles. (5 periods)</li></ul>	<ul style="list-style-type: none"><li>• To be able to classify, estimate, measure &amp; draw angles.</li><li>• Classify angles according to the terms, acute, obtuse, right and reflex.</li></ul>	<ul style="list-style-type: none"><li>• full circle protractor, acute, obtuse, reflex</li></ul>
---	---	---	---	---