



TSS Primary Maths MTP 2021-2022 Year 5 Block 5

Week	Key Targets and Learning Objectives	Key Activities	Key Vocabulary
1	Number – Addition & Subtraction <ul style="list-style-type: none">Add whole numbers with more than 4 digits, including using formal written methods (columnar addition)Add numbers mentally with increasingly large numbers	<ul style="list-style-type: none">To add numbers up to 6 digits using the formal written methodTo subtract numbers up to 6 digits using the formal written methodTo add and subtract two 2-Digit numbers mentally using knowledge of number bonds.	<ul style="list-style-type: none">AddTotalPlace valueColumnsCarry overMentallyPartition
2	Number – Multiplication and Division <ul style="list-style-type: none">Multiply numbers up to 4 digits by a one-digit number using a formal written methodRecall multiplication and division facts with increasing accuracy	<ul style="list-style-type: none">To multiply a 4 digit number by a single digitTo recall multiplication and division facts up to 12×12.	<ul style="list-style-type: none">MultiplyProductInverseDividePlace valueColumnsLots of
3	Number – Multiplication and Division <ul style="list-style-type: none">Multiply numbers up to 4 digits by a two-digit number using a formal written method, including long multiplication for two-digit numbers	<ul style="list-style-type: none">To multiply HTO by TO using partitioningTo multiply HTO by TO using grid methodTo multiply HTO by TO using expanded method	<ul style="list-style-type: none">PartitionGrid methodExpanded methodPlace valueAddLots of
4	Number – Multiplication and Division <ul style="list-style-type: none">Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context	<ul style="list-style-type: none">To divide a 4 digit number by a single digit with a remainderTo divide a 4 digit number by a single digit with a decimal remainderTo divide a 4 digit number by a single digit with a fraction remainder	<ul style="list-style-type: none">DivisorDividendPlace valueShareGroupsLots of
5	Number – Percentages <ul style="list-style-type: none">Recognise the per cent symbol (%) and understand that per cent relates to “number of parts per hundred”, and write percentages as a fraction with denominator 100, and as a decimal	<ul style="list-style-type: none">To calculate percentages of amountsTo solve percentage reduction problems	<ul style="list-style-type: none">DivisionShareMultiplyPercentageFractionDecimal



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6	Number – Fractions <ul style="list-style-type: none">• Recognise mixed numbers and improper fractions and convert from one form to the other.	<ul style="list-style-type: none">• To convert from an improper fraction to a mix number• To convert from a mix number to an improper fraction	<ul style="list-style-type: none">• Improper fraction• Mixed number• Numerator• Denominator• Multiply• Divide
7	Geometry – Properties of shapes <ul style="list-style-type: none">• Distinguish between regular and irregular polygons based on reasoning about equal sides and angles• Identify, describe and represent the position of a shape following a reflection, using the appropriate language, and know that the shape has not changed• Use angle sum facts and other properties to make deductions about missing angles and relate these to missing number problems	<ul style="list-style-type: none">• To know the properties of regular and irregular polygons• To reflect 2-D shapes• To calculate missing angles	<ul style="list-style-type: none">• Polygon• Sides• Irregular• Regular• Reflection• Mirror line• 2-D shapes• Angles