

Year 5 Maths Learning 2024/25

Week	1	2	3	4	5	6	7	8	9	10	11	12
Term												

Autumn	Number: Place Value		Number: Addition & Subtraction		Number: Multiplication & Division			Number: Fractions				
Spring	Number: Multiplication & Division			Number: Fractions		Number: Decimals and percentages					Number: Negative numbers	
Summer	Statistics		Measurement: Perimeter and area		Geometry: Properties of Shapes			Geometry: Position and Direction		Measurement: Converting		Measurement: Volume

Maths Small Steps: Year 5 Autumn Term

Number: Place Value	Number: Addition and Subtraction	Statistics	Number: Multiplication and Division (1)	Measurement: Area and perimeter
<ul style="list-style-type: none"> • Number to 10,000 • Roman numerals to 1,000 • Round to the nearest 10, 100 and 1000 • Number to 100,000 • Compare and order numbers to • 100,000 • Round numbers within 100,000 • Numbers to a million • Counting in 10s, 100s, 1,000s, 10,000s and 100,000s • Compare and order numbers to a million • Round numbers to a million • Negative numbers 	<ul style="list-style-type: none"> • Add whole numbers with more than 4 digits (column method) • Subtract whole numbers with more than 4 digits (column method) • Round to estimate and approximate • Inverse operations (addition and subtraction) • Multi step addition and subtraction problems 	<ul style="list-style-type: none"> • Read and interpret line graphs • Draw line graphs • Use line graphs to solve problems • Read and interpret tables • Two way tables • Timetables 	<ul style="list-style-type: none"> • Multiples • Factors • Common factors • Prime numbers • Square numbers • Cube numbers • Multiplying by 10, 100 and 1000 • Dividing by 10, 100 and 1000 • Multiples of 10, 100 and 1000 	<ul style="list-style-type: none"> • Measure perimeter • Calculate perimeter • Area of rectangles • Area of compound shapes • Area of irregular shapes

Maths Small Steps: Year 5 Spring Term

Number: Multiplication and Division (2)	Number: Fractions	Number: Decimals and Percentages
<ul style="list-style-type: none"> • Multiply 4 digits by 1 digit • Multiply 2 digits • Multiply 2 digits by 2 digits • Multiply 3 digits by 2 digits • Multiply 4 digits by 2 digits • Divide 4 digits by 1 digit • Divide with remainders 	<ul style="list-style-type: none"> • Equivalent fractions • Improper fractions to mixed numbers • Mixed numbers to improper fractions • Number sequences • Compare and order fractions less than 1 • Compare and order fractions greater than 1 • Add and subtract fractions • Add fractions within 1 • Add 3 or more fractions • Add fractions • Add mixed numbers • Subtract fractions • Subtract mixed numbers • Subtract breaking the whole • Subtract 2 mixed numbers • Multiply unit fractions by an integer • Multiply non unit fractions by an integer • Multiply mixed numbers by integers • Fraction of an amount • Using fractions as operators 	<ul style="list-style-type: none"> • Decimals up to 2 d.p • Decimals as fractions • Understand thousandths • Thousands as decimals • Rounding decimals • Order and compare decimals • Understand percentages • Percentages as fractions and decimals • Equivalent F.D.P

Maths Small Steps: Year 5 Summer Term

Number: Decimals	Geometry: Properties of Shapes	Geometry: Position and Direction	Measurement: Converting Units	Measurements: Volume
<ul style="list-style-type: none"> • Adding decimals within 1 • Subtracting decimals within 1 • Complements to 1 • Adding decimals crossing the whole • Adding decimals with the same number of decimal places • Subtracting decimals with the same number of decimal places • Adding decimals with a different number of decimal places • Subtracting decimals with a different number of decimal places • Adding and subtracting whole and decimals • Decimal sequences • Multiplying decimals by 10, 100 and 1000 • Dividing decimals by 10, 100 and 1,000 	<ul style="list-style-type: none"> • Measuring angles in degrees • Measuring with a protractor • Drawing lines and angles accurately • Calculating angles on a straight line • Calculating angles around a point • Calculating lengths and angles in shapes • Regular and irregular polygons • Reasoning about 3D shapes 	<ul style="list-style-type: none"> • Position in the first quadrant • Reflection • Reflection with coordinate • Translation • Translation with coordinates 	<ul style="list-style-type: none"> • Kilograms and kilometres • Milligrams and millilitres • Metric units • Imperial units • Converting units of time • Timetables 	<ul style="list-style-type: none"> • What is volume? • Compare volume • Estimate volume • Estimate capacity

