

Year 5 Maths

Autumn medium term planning



Week 1 – 3 Number: place value	Week 4 – 5 Number: Addition and subtraction	Week 6 – 7 Statistics	Week 10 and 11 Number: Multiplication and division
<ul style="list-style-type: none"> • 1000s, 100s, 10s and 1s 	<ul style="list-style-type: none"> • Add two 4-digit numbers - one exchange 	<ul style="list-style-type: none"> • Interpret charts 	<ul style="list-style-type: none"> • Multiples
<ul style="list-style-type: none"> • Numbers to 10,000 	<ul style="list-style-type: none"> • Add two 4-digit numbers - more than one exchange 	<ul style="list-style-type: none"> • Comparison, sum and difference 	<ul style="list-style-type: none"> • Factors
<ul style="list-style-type: none"> • Rounding to the nearest 10 	<ul style="list-style-type: none"> • Add whole numbers with more than 4 digits (column method) 	<ul style="list-style-type: none"> • Introduce line graphs 	<ul style="list-style-type: none"> • Common factors
<ul style="list-style-type: none"> • Rounding to the nearest 100 	<ul style="list-style-type: none"> • Subtract two 4-digit numbers - one exchange 	<ul style="list-style-type: none"> • Read and interpret line graphs 	<ul style="list-style-type: none"> • Prime numbers
<ul style="list-style-type: none"> • Round to nearest 10, 100 and 1,000 	<ul style="list-style-type: none"> • Subtract two 4-digit numbers - more than one exchange 	<ul style="list-style-type: none"> • Draw line graphs 	<ul style="list-style-type: none"> • Square numbers
<ul style="list-style-type: none"> • Numbers to 100,000 	<ul style="list-style-type: none"> • Subtract whole numbers with more than 4 digits (column method) 	<ul style="list-style-type: none"> • Use line graphs to solve problems 	<ul style="list-style-type: none"> • Cube numbers
<ul style="list-style-type: none"> • Compare and order numbers to 100,000 	<ul style="list-style-type: none"> • Round to estimate and approximate 	<ul style="list-style-type: none"> • Read and interpret tables 	<ul style="list-style-type: none"> • Multiply by 10
<ul style="list-style-type: none"> • Round numbers within 100,000 	<ul style="list-style-type: none"> • Inverse operations (addition and subtraction) 	<ul style="list-style-type: none"> • Two-way tables 	<ul style="list-style-type: none"> • Multiply by 100
<ul style="list-style-type: none"> • Numbers to a million 	<ul style="list-style-type: none"> • Multi-step addition and subtraction problems 	<ul style="list-style-type: none"> • Timetables 	<ul style="list-style-type: none"> • Multiply by 10, 100 and 1,000
<ul style="list-style-type: none"> • Counting in 10s, 100s, 1,000s, 10,000s, and 100,000s 			<ul style="list-style-type: none"> • Divide by 10
<ul style="list-style-type: none"> • Compare and order numbers to one million 			<ul style="list-style-type: none"> • Divide by 100
<ul style="list-style-type: none"> • Round numbers to one million 			<ul style="list-style-type: none"> • Divide by 10, 100 and 1,000
<ul style="list-style-type: none"> • Negative numbers 			<ul style="list-style-type: none"> • Multiples of 10, 100 and 1,000
<ul style="list-style-type: none"> • Roman Numerals to 1,000 			



Year 5 Maths

Spring medium term planning

Week 1 – 3 Number: Multiplication and division	Week 4 – 9 Number: Fractions	Week 4 – 9 Number: Fractions	Week 10 – 11 Number: Decimals
<ul style="list-style-type: none"> • Multiply 2-digits by 1-digit 	<ul style="list-style-type: none"> • What is a fraction? 	<ul style="list-style-type: none"> • Add mixed numbers 	<ul style="list-style-type: none"> • Decimals up to 2 d.p
<ul style="list-style-type: none"> • Multiply 3-digits by 1-digit 	<ul style="list-style-type: none"> • Equivalent fractions (1) 	<ul style="list-style-type: none"> • Subtract fractions 	<ul style="list-style-type: none"> • Decimals as fractions (1)
<ul style="list-style-type: none"> • Multiply 4-digits by 1-digit 	<ul style="list-style-type: none"> • Equivalent fractions 	<ul style="list-style-type: none"> • Subtract mixed numbers 	<ul style="list-style-type: none"> • Decimals as fractions (2)
<ul style="list-style-type: none"> • Multiply 2-digits (area model) 	<ul style="list-style-type: none"> • Fractions greater than 1 	<ul style="list-style-type: none"> • Subtract – breaking the whole 	<ul style="list-style-type: none"> • Understand thousandths
<ul style="list-style-type: none"> • Multiply 2-digits by 2-digits 	<ul style="list-style-type: none"> • Improper fractions to mixed numbers 	<ul style="list-style-type: none"> • Subtract 2 mixed numbers 	<ul style="list-style-type: none"> • Thousandths as decimals
<ul style="list-style-type: none"> • Multiply 3-digits by 2-digits 	<ul style="list-style-type: none"> • Mixed numbers to improper fractions 	<ul style="list-style-type: none"> • Multiply unit fractions by an integer 	<ul style="list-style-type: none"> • Rounding decimals
<ul style="list-style-type: none"> • Multiply 4-digits by 2-digits 	<ul style="list-style-type: none"> • Number sequences 	<ul style="list-style-type: none"> • Multiply non-unit fractions by an integer 	<ul style="list-style-type: none"> • Order and compare decimals
<ul style="list-style-type: none"> • Divide 2-digits by 1-digit (1) • Divide 2-digits by 1-digit (2) 	<ul style="list-style-type: none"> • Compare and order fractions less than 1 	<ul style="list-style-type: none"> • Multiply mixed numbers by integers 	<ul style="list-style-type: none"> • Understand percentages
<ul style="list-style-type: none"> • Divide 3-digits by 1-digit 	<ul style="list-style-type: none"> • Compare and order fractions greater than 1 	<ul style="list-style-type: none"> • Calculate fractions of a quantity 	<ul style="list-style-type: none"> • Percentages as fractions and decimals
<ul style="list-style-type: none"> • Divide 4-digits by 1-digit 	<ul style="list-style-type: none"> • Add and subtract fractions 	<ul style="list-style-type: none"> • Fraction of an amount 	<ul style="list-style-type: none"> • Equivalent F.D.P.
<ul style="list-style-type: none"> • Divide with remainders 	<ul style="list-style-type: none"> • Add fractions within 1 	<ul style="list-style-type: none"> • Using fractions as operators 	
	<ul style="list-style-type: none"> • Add 3 or more fractions 		
	<ul style="list-style-type: none"> • Add fractions 		

Year 5 Maths

Summer medium term planning



Week 1 – 4 Number: decimals	Week 5 - 7 Geometry: properties of shapes	Week 8 – 9 Geometry: Position and direction	Week 10 - 11 Measurement: Converting units
<ul style="list-style-type: none"> • Adding decimals within 1 	<ul style="list-style-type: none"> • Identify angles 	<ul style="list-style-type: none"> • Describe position 	<ul style="list-style-type: none"> • Kilometres
<ul style="list-style-type: none"> • Subtracting decimals within 1 	<ul style="list-style-type: none"> • Compare and order angles 	<ul style="list-style-type: none"> • Draw on a grid 	<ul style="list-style-type: none"> • Kilograms and kilometres
<ul style="list-style-type: none"> • Complements to 1 	<ul style="list-style-type: none"> • Measure angles in degrees 	<ul style="list-style-type: none"> • Position in the first quadrant 	<ul style="list-style-type: none"> • Millimetres and millilitres
<ul style="list-style-type: none"> • Adding decimals – crossing the whole 	<ul style="list-style-type: none"> • Measuring with a protractor (1) • Measuring with a protractor (2) 	<ul style="list-style-type: none"> • Translation 	<ul style="list-style-type: none"> • Metric units
<ul style="list-style-type: none"> • Adding decimals with the same number of decimal places 	<ul style="list-style-type: none"> • Drawing lines and angles accurately 	<ul style="list-style-type: none"> • Translation with coordinates 	<ul style="list-style-type: none"> • Imperial units
<ul style="list-style-type: none"> • Subtracting decimals with the same number of decimal places 	<ul style="list-style-type: none"> • Calculating angles on a straight line 	<ul style="list-style-type: none"> • Lines of symmetry 	<ul style="list-style-type: none"> • Converting units of time
<ul style="list-style-type: none"> • Adding decimals with a different number of decimal places 	<ul style="list-style-type: none"> • Calculating angles around a point 	<ul style="list-style-type: none"> • Complete a symmetric figure 	<ul style="list-style-type: none"> • Timetables
<ul style="list-style-type: none"> • Subtracting decimals with a different number of decimal places 	<ul style="list-style-type: none"> • Triangles 	<ul style="list-style-type: none"> • Reflection 	
<ul style="list-style-type: none"> • Adding and subtracting wholes and decimals 	<ul style="list-style-type: none"> • Quadrilaterals 	<ul style="list-style-type: none"> • Reflection with coordinates 	
<ul style="list-style-type: none"> • Decimal sequences 	<ul style="list-style-type: none"> • Calculating lengths and angles in shapes 		
<ul style="list-style-type: none"> • Multiplying decimals by 10, 100 and 1,000 	<ul style="list-style-type: none"> • Regular and irregular polygons 		
<ul style="list-style-type: none"> • Dividing decimals by 10, 100 and 1,000 	<ul style="list-style-type: none"> • Reasoning about 3-D shapes 		