



Half Term 1 – Autumn

		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
		Number: Place Value			Number: Addition and Subtraction		Number: Multiplication and Division A		
Autumn	National Curriculum	<ul style="list-style-type: none"> - Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit - Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 - Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 - Solve number problems and practical problems that involve all of the above - Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. 			<ul style="list-style-type: none"> - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) - Add and subtract numbers mentally with increasingly large numbers - Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy - Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. 		<ul style="list-style-type: none"> - Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers - Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers - Establish whether a number up to 100 is prime and recall prime numbers up to 19 - Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 - Recognise and use square numbers and cube numbers, and relevant notation - Solve problems involving multiplication and division - Solve problems involving addition, subtraction, multiplication and division - Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. 		
	WRM Small Steps	<ul style="list-style-type: none"> Step 1 - Roman numerals to 1,000 Step 2 - Numbers to 10,000 Step 3 - Numbers to 100,000 Step 4 - Numbers to 1,000,000 Step 5 - Read and write numbers to 1,000,000 Step 6 - Powers of 10 Step 7 - Powers of 10 more or less Step 8 - Partition numbers to 1,000,000 Step 9 - Number line to 1,000,000 Step 10 - Compare and order numbers to 100,000 Step 11 - Compare and order numbers to 1,000,000 Step 12 - Round to the nearest 10, 100 or 1,000 Step 13 - Round within 100,000 Step 14 - Round within 1,000,000 			<ul style="list-style-type: none"> Step 1 - Mental strategies Step 2 - Add whole numbers with more than four digits Step 3 - Subtract whole numbers with more than four digits Step 4 - Round to check answers Step 5 - Inverse operations (addition and subtraction) Step 6 - Multi-step addition and subtraction problems Step 7 - Compare calculations Step 8 - Find missing numbers 		<ul style="list-style-type: none"> Step 1 - Multiples Step 2 - Common multiples Step 3 - Factors Step 4 - Common factors Step 5 - Prime numbers Step 6 - Square numbers Step 7 - Cube numbers Step 8 - Multiply by 10, 100 and 1,000 Step 9 - Divide by 10, 100 and 1,000 Step 10 - Multiples of 10, 100 and 1,000 		



Half Term 2 – Autumn

		Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	
		Number: Fractions A				Number: Multiplication and Division B			
Autumn	National Curriculum	<ul style="list-style-type: none"> - Compare and order fractions whose denominators are all multiples of the same number - Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths - Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number - Add and subtract fractions with the same denominator and denominators that are multiples of the same number - Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams - Read and write decimal numbers as fractions 				<ul style="list-style-type: none"> - Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method. - Multiply and divide numbers mentally drawing upon known facts - Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders - Solve problems involving multiplication and division - Solve problems involving addition, subtraction, multiplication and division - Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. 			
	WRM Small Steps	<ul style="list-style-type: none"> Step 1 - Find fractions equivalent to a unit fraction Step 2 - Find fractions equivalent to a non-unit fraction Step 3 - Recognise equivalent fractions Step 4 - Convert improper fractions to mixed numbers Step 5 - Convert mixed numbers to improper fractions Step 6 - Compare fractions less than 1 Step 7 - Order fractions less than 1 Step 8 - Compare and order fractions greater than 1 Step 9 - Add and subtract fractions with the same denominator Step 10 - Add fractions within 1 Step 11 - Add fractions with total greater than 1 Step 12 - Add to a mixed number Step 13 - Add two mixed numbers Step 14 - Subtract fractions Step 15 - Subtract from a mixed number Step 16 - Subtract from a mixed number – breaking the whole Step 17 - Subtract two mixed numbers 				<ul style="list-style-type: none"> Step 1 - Multiply up to a 4-digit number by a 1-digit number Step 2 - Multiply a 2-digit number by a 2-digit number (area model) Step 3 - Multiply a 2-digit number by a 2-digit number Step 4 - Multiply a 3-digit number by a 2-digit number Step 5 - Multiply a 4-digit number by a 2-digit number Step 6 - Solve problems with multiplication Step 7 - Short division Step 8 - Divide a 4-digit number by a 1-digit number Step 9 - Divide with remainders Step 10 - Efficient division Step 11 - Solve problems with multiplication and division 			



Cumbria Education Trust – Mathematics Curriculum Overview

Year 5 2025 - 2026



		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
		Number: Fractions		Number: Decimals and Percentages			Measurement: Perimeter and Area		Statistics		Geometry: Properties of Shape		
Spring	National Curriculum	<ul style="list-style-type: none"> - Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams - Read and write decimal numbers as fractions 		<ul style="list-style-type: none"> - Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents - Round decimals with two decimal places to the nearest whole number and to one decimal place - Read, write, order and compare numbers with up to three decimal places - Solve problems involving number up to three decimal places - 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 - Solve problems which require knowing percentage and decimal equivalents 			<ul style="list-style-type: none"> - Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres - Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes - Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling. 		<ul style="list-style-type: none"> - Solve comparison, sum and difference problems using information presented in a line graph - Complete, read and interpret information in tables, including timetables. 		<ul style="list-style-type: none"> - Identify 3-D shapes, including cubes and other cuboids, from 2-D representations - Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles - Draw given angles, and measure them in degrees - Identify: <ul style="list-style-type: none"> - angles at a point and one whole turn (total 360) - angles at a point on a straight line and half a turn (total 180) - other multiples of 90 - Use the properties of rectangles to deduce related facts and find missing lengths and angles - Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. 		



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WRM Small Steps	Step 1 - Multiply a unit fraction by an integer Step 2 - Multiply a nonunit fraction by an integer Step 3 - Multiply a mixed number by an integer Step 4 - Calculate a fraction of a quantity Step 5 - Fraction of an amount Step 6 - Find the whole Step 7 - Use fractions as operators		Step 1 - Decimals up to 2 decimal places Step 2 - Equivalent fractions and decimals (tenths) Step 3 - Equivalent fractions and decimals (hundredths) Step 4 - Equivalent fractions and decimals Step 5 - Thousandths as fractions Step 6 - Thousandths as decimals Step 7 - Thousandths on a place value chart Step 8 - Order and compare decimals (same number of decimal places) Step 9 - Order and compare any decimals with up to 3 decimal places Step 10 - Round to the nearest whole number Step 11 - Round to 1 decimal place Step 12 - Understand percentages Step 13 - Percentages as fractions Step 14 - Percentages as decimals Step 15 - Equivalent fractions, decimals and percentages			Step 1 - Perimeter of rectangles Step 2 - Perimeter of rectilinear shapes Step 3 - Perimeter of polygons Step 4 - Area of rectangles Step 5 - Area of compound shapes Step 6 - Estimate area		Step 1 - Draw line graphs Step 2 - Read and interpret line graphs Step 3 - Read and interpret tables Step 4 - Two-way tables Step 5 - Read and interpret timetables		Step 1 - Understand and use degrees Step 2 - Classify angles Step 3 - Estimate angles Step 4 - Measure angles up to 180° Step 5 - Draw lines and angles accurately Step 6 - Calculate angles around a point Step 7 - Calculate angles on a straight line Step 8 - Lengths and angles in shapes Step 9 - Regular and irregular polygons Step - 10 3-D shapes	
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Weeks 11 to 13
Geometry: Position and Direction		Number: Decimals			Negative Numbers	Measurement: Converting Units		Measurement Volume		Pre-Year 6 Consolidation	



Cumbria Education Trust – Mathematics Curriculum Overview

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Summer	National Curriculum	<ul style="list-style-type: none"> - Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. - Solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why. - Read, write, order and compare numbers with up to three decimal places - Solve problems involving number up to three decimal places 	<ul style="list-style-type: none"> - Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero 	<ul style="list-style-type: none"> - Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; millimetre; gram and kilogram; litre and millilitre) - Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints - Solve problems involving converting between units of time 	<ul style="list-style-type: none"> - Estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water] - Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling. 	Baseline SATs Tests 2023	
	WRM Small Steps	<ul style="list-style-type: none"> Step 1 - Read and plot coordinates Step 2 - Problem solving with coordinates Step 3 - Translation Step 4 - Translation with coordinates Step 5 - Lines of symmetry Step 6 - Reflection in horizontal and vertical lines 	<ul style="list-style-type: none"> Step 1 - Use known facts to add and subtract decimals within 1 Step 2 – Compliments to 10, 20, 50, 100 (Prior) Step 3 - Complements to 1 Step 4 – Add/subtract decimals across 1 Step 5 - Add decimals with the same number of decimal places Step 6 - Subtract decimals with the same number of decimal places Step 7 - Add decimals with different numbers of decimal places Step 8 - Subtract decimals with different numbers of decimal places Step 9 - Efficient strategies +/ - decimals Step 10 - Decimal sequences Step 11 - Multiply by 10, 100 and 1,000 Step 12 - Divide by 10, 100 and 1,000 Step 13 – Mixed Multiply and Divide by 10, 100, 1000 (additional) Step 14 - Multiply and divide decimals – missing values 	<ul style="list-style-type: none"> Step 1 - Understand negative numbers Step 2 - Count through zero in 1s Step 3 - Count through zero in multiples Step 4 - Compare and order negative numbers Step 5 - Find the difference 	<ul style="list-style-type: none"> Step 1 - Kilograms and kilometres Step 2 - Millimetres and millilitres Step 3 - Convert units of length Step 4 Convert between metric and imperial units Step 5 - Convert units of time Step 6 - Calculate with timetables 		



**Year 5 – Yearly Overview
2024-25**

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
Autumn	Number: Place Value			Number: Addition and Subtraction		Number: Multiplication and Division A			Number: Fractions A				Number: Multiplication and Division B		
Spring	Number: Fractions B		Number: Decimals and Percentages			Measurement: Perimeter and Area		Statistics		Geometry: Properties of Shapes					
Summer	Geometry: Position and Direction		Number: Decimals			Number: Negative Numbers	Measurement: Converting Units		Measurement: Volume	Baseline SAT: 2023 Paper	Pre-Year 6 Consolidation				