

## CORE Curriculum → Maths

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Number: Place Value - numbers to 10, ordering numbers Number: Addition and Subtraction within 10 - Number bonds, counting on, picture problems	Geometry: positions – left and right Number: Place Value – numbers to 20 Number: Addition and Subtraction within 20 – making 10 then use remainder	Number: Addition and Subtraction – word problems Measures: length and height – comparing, using a ruler Geometry – recognising solids and shapes	Number: Place Value – numbers to 40 – tens and ones Multiplication and division – making equal groups, doubles	Number: Place Value – numbers to 100 Number: Fractions – halves and quarters Measurement: Time – analogue clock, telling time to the hour and half hour, using a calendar, days and months	Measurement: money – recognising coins and notes Measurement: Mass, volume and capacity – find a half and a quarter, heavier than, lighter than Geometry – positions, movements and turns
Year 2	Number: Place Value - numbers to 100 Number: Addition and Subtraction – 2 digit numbers	Measurement: length (cm,m) and mass (g,kg), Graphs Multiplication and division – 2, 5 10 times tables, grouping	Measurement: money – identify notes and coins, add and compare amounts Statistics: reading picture graphs	Number: Fractions – finding halves, quarters and thirds, compare and order, Solving word problems Geometry: Properties of shape – identify sides, vertices and lines of symmetry, 3D shapes	Measurement: Time – sequence events, 5 minute intervals, show correct analogue time Measurement: capacity, volume (ml, L) and temperature	Consolidating learning in preparation for KS2 – revise fractions
Year 3	Number: Place Value - numbers to 1000 Number: Addition and Subtraction with renaming	Number: Multiplication and division – 2 digit numbers Measurement – measure and convert between cm, m, km	Number: Multiplication and division Measurement - mass, volume, capacity (ml,L) telling the time	Number: fractions – of a number, compare fractions, find common denominator, add and subtract Consolidation unit	Number: fractions continued Geometry: Properties of shapes - making and comparing angles, parallel, perpendicular, vertical, horizontal lines, perimeter	Measurement – money – adding and subtracting, calculating change Statistics – picture and bar graphs Consolidation unit
Year 4	Number: Place Value - numbers to 10,000	Number: Multiplication and	Number: fractions – mixed numbers, add	Number: decimals	Measurement: perimeter and length, mass and volume	Statistics

	Number: Addition and Subtraction Rounding	division – 3 digit numbers Measurement: Money – compare and estimate amounts	and subtract, simplify. Statistics: Graphs - draw and read bar and line graphs	Measurement: Time – 24hr clock and convert between units	Geometry: shape and symmetry Geometry: position and direction inc. plot coordinates	Measurement: area – counting squares and measuring Roman numerals to 100
<b>Year 5</b>	Number: Place Value – numbers to 1 million, round numbers to nearest 100,000 Number: Addition and Subtraction within 1 million using column method	Number: Multiplication and division – multiples, factors, prime numbers, multiply and divide four digit numbers, long division Statistics: graphs – reading tables and line graphs	Number: fractions – improper fractions, mixed numbers, multiplying fractions Number; decimals – add and subtract tenths and hundredths	Number; decimals – comparing and rounding Number: finding percentages	Geometry: measuring and drawing angles Geometry: shape – regular polygons Geometry: reflection	Measurement: converting units of length, mass and time Area and perimeter – measure the area of shapes, use scale diagrams Measure: volume and capacity of 3D shapes Roman numerals to 1000
<b>Year 6</b>	Number: Place Value - numbers to 10 million, round to nearest 10 million Number: addition, subtraction – using and applying multiplication and division – by 2 digit numbers, word problems, finding common multiples and factors  Consolidate Roman numerals	Number: Fractions – ordering, simplifying, equivalence, add and subtract mixed numbers/different denominators, multiply and divide  Adding and subtracting negative numbers	Number: decimals – writing fractions as decimals, multiplying and dividing decimals  Measurement: Convert units of length using decimals, convert units of time – 24hr clock	Number: algebra – describe a pattern. Write algebraic equations and formulae Number: ratio – comparing quantities using bar models and diagrams Geometry and statistics  Solving complex word problems  Number: percentage – find percent of a number, percent change  Measurement: find the volume of cubes and cuboids	Geometry: properties of shape – investigating angles, circles, triangles and nets of shapes, reflections and translation Geometry: position and direction – plotting coordinates on four quadrants  Area and perimeter – find the area and perimeter of rectangles, parallelograms, triangles and compound shapes  Statistics: graphs and averages – calculating mean, reading pie charts and line graphs	Post SATS mathematics project work – linked to topic work and consolidating learning in preparation for KS3 – mathematical drawing, algebra and formulae, Pythagoras theorem

