

Number – Place Value: Integer or fractional numbers
Number – Calculation: Four operations of addition, subtraction, multiplication and division.
Wider Mathematical Knowledge – Geometry, measures and statistics.

Year 3

Autumn

Representing and comparing numbers to 1,000	Using place value to add (including columnar addition)	Introduction to the 3,4 and 8 times tables.
Perimeter of shapes	Using place value to subtract (including columnar subtraction)	Divisibility rules of known times tables and remainders.
		Types of lines. Right Angles.

Spring

Representing and recognising fractions (including tenths)	Adding and subtracting fractions	Equivalence and comparison of fractions
Properties of shapes: quadrilaterals	Roman numerals to XII.	Telling the time to the nearest minute.

Summer

Using related facts and the distributive law to multiply	Calculating with money.	Calculating with measures.
Using related facts to divide	Comparing units of time.	Statistics: Scaling

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Year 4

Year 4

Autumn

Numbers to 10,000	Negative Numbers	Roman Numerals to C	Addition: Formal Written Methods
Multiplication: times tables	Perimeter of rectilinear shapes and area by counting squares	Acute and obtuse angles	Position and Direction: Coordinates in the first quadrant

Spring

Subtraction	Division: times tables and related facts	Representing and recognising fractions (including hundredths)
Revisiting addition, subtraction, comparison and equivalence.	Decimal numbers	Properties of 2D and 3D shapes

Summer

Multiplying and dividing by 10, 100 and 1000	Multiplication: Formal written methods	Measurement: conversions
Division: Formal written methods	Money: conversions and decimal notation	Statistics: Discrete and continuous data

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Year 5

Autumn

Numbers to 1,000,000	Negative Numbers, Rounding and roman numerals	Addition and Subtraction	Measuring Angles
Multiplication: multiples, factors and primes	Multiplication: Formal written methods	Calculating perimeter and area	Volume

Spring

Division: formal written methods	Properties of shapes: classifying and grouping shape using advanced mathematical language	Time: solving multi-step problems involving converting between units of time.
Fractions: Mixed numbers and improper fractions	Fractions: comparing fractions with different denominators	Fractions: calculating with different denominators

Summer

Decimal Fractions	Percentages	Money
Multiplication and division: multiplying by 10, 100 and 1000	Converting measures	Position and Direction: Transformations
		Statistics: Line graphs

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Year 6

Autumn

Numbers to 10,000,000	Negative Numbers, Rounding and roman numerals	Addition and Subtraction	Measuring Angles and properties of shapes
Multiplication and division: mental strategies, common factors, common multiples and primes.	Multiplication and division: Formal written methods	Fractions	

Spring

Converting units of measure	Algebra	Fractions, decimals and percentages
Applying formulae to solve perimeter, area and volume problems	Transformations on a coordinate grid	

Summer

Ratio and Proportion	Statistics	Revision
SATs	Enterprise Project (money)	Transition project