Maths overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Early mathematical experiences Pattern and early number	Numbers within 10 – count, represent, order Number bonds to 5	Comparing quantities up to 10 – more than/less than Grouping and sharing up to 10	Addition and subtraction within 10 Verbally count to 20	Shape and patterns Subitise up to 5	Exploration of patterns within numbers up to 10 Number bonds to 10
Year 1	Numbers and counting ~ 16 hrs Money and time ~ 11 hrs	Arithmetic to 20 ~ 18 hrs Measuring and measurements ~ 12 hrs	Recognising and naming shapes ~ 4 hrs Halves and quarters ~ 6 hrs	Position and movement ~ 6 hrs	Clocks and time ~ 5 hrs	Multiplication and division using concrete objects ~ 6 hrs'
Year 2	Number and place value ~ 10 hrs Time ~ 10 hrs	The number line and place value ~ 10 hrs Measures and money ~ 13 hrs	Addition and subtraction ~ 25 hrs	Calculating with money ~ 6 hrs Properties of shape ~ 9 hrs	Multiplication and division ~ 20 hrs Comparing data ~ 12 hrs	Fractions and equivalence ~ 9 hrs Movement, patterns and shape ~ 12 hrs
Year 3	Numbers and place value up to 1000 ~ 13 hrs Adding and subtracting with 3-digit numbers ~ 15 hrs	Calculating with money and measures ~ 15 hrs Adding, subtracting and comparing fractions ~ 21 hrs	Using time accurately ~ 14 hrs Quick recall and use of multiplication and division facts ~ 14 hrs	Interpreting and presenting data ~ 9 hrs Angles, lines and shapes ~ 14 hrs	Calendars and time ~ 6 hrs Working with the four operations ~ 15 hrs	Working with non-unit fractions and small denominators~ 13 hrs

| Year 4 | Larger numbers, negative numbers and Roman numerals ~ 15 hrs

Converting time ~ 12 hrs | Times tables and formal methods for addition and subtraction ~ 13 hrs

Rounding and arithmetic ~ 13 hrs | Coordinates and plotting ~ 7 hrs

Solve problems using fractions ~ 19 hrs | Translations, reflections, angles and shapes ~ 16 hrs

Decimals, rounding and multiplying or dividing by 10 and 100 ~ 16 hrs | Interpret and present data for calculating ~ 16 hrs

Perimeter and area of rectilinear shapes ~ 7 hrs | Mental calculations ~ 11 hrs

Converting measurements and money ~ 11 hrs |
|---|---|---|---|---|---|---|
| Year 5 | Large and negative numbers in different formats ~ 18 hrs

Drawing, measuring and estimating angles ~ 10 hrs | Decimals, equivalence and rounding ~ 14 hrs

Addition and subtraction ~ 14 hrs

Reflection and translation ~ 6 hrs | Primes, factors, squares and cubes ~ 14 hrs

Long multiplication ~ 6 hrs | Solving problems using the four operations ~ 15 hrs

Using information from graphs, tables, and timetables ~ 8 hrs | Solving problems with measures and time ~ 12 hrs

Solving problems with fractions ~ 20 hrs | Metric measurements in shapes ~ 11 hrs

Fractions and their decimal and percentage equivalents ~ 6 hrs

Identifying shapes ~ 7 hrs |
| Year 6 | Place value ~ 14 hrs

Multiplication and division ~ 23 hrs | Using factors, multiples and primes to work with fractions ~ 15 hrs

Perimeter, area and volume ~ 12 hrs

Arithmetical operations ~18 hrs | Translations and reflections ~ 10 hrs

Fractions, decimals and percentages ~ 13 hrs | Number problems and equations ~ 8 hrs

Converting measures ~ 8 hrs

Accuracy and proportion ~ 16 hrs | Pie charts and the mean ~ 9 hrs

Formulae and sequences ~ 5 hrs | Dimensions and scale ~ 7 hrs

Angles, shapes and solids ~ 14 hrs |