| Mathematics Year Overview |  |  |  |  |  |  |
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|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Nursery | - Number: Place Value (count to 3) <br> - Number: Addition and Subtraction (sorting) | - Number: Place Value (comparing and ordering within 3) <br> - Measurement (time) | - Number: Place Value (subitising to 3) <br> - Number: Addition and Subtraction (more/less) | - Number: Place Value (count to 5) <br> - Geometry: Shape and Space | - Geometry: Exploring Patterns <br> - Number: part-whole | - Number: Place Value (count to 5) <br> - Measurement (size and weight) |
| Reception | - Number: Place Value <br> (Number to 5) <br> - Number Comparing groups within 5 <br> - Shape: (3D and 2D shapes) | - Number: Change within 5 <br> - Number: Number bonds within 5 <br> - Space: Spatial awareness | - Number: Numbers to 10 <br> - Number: Comparing numbers to 10 <br> - Number: Addition to 10 <br> - Measure: Length, height and weight | - Number: Bonds to 10 <br> - Number: Subtraction <br> - Exploring patterns | - Number: Count on and Back <br> - Number: Numbers to 20 <br> - Number: Numerical patterns | - Shape: Composing and decomposing shapes <br> - Measure: Volume and capacity <br> - Sorting <br> - Time |
| Year 1 | - Number: Numbers to 10 <br> - Number: Part-whole within 10 | - Number: Addition and Subtraction (within 10) <br> - Geometry: Shape (2D and 3D) | - Number: Place Value (within 20) <br> - Number: Addition and Subtraction (within 20) <br> - Number: Numbers to 50 | - Measurement: Length and Height <br> - Measurement: Mass and capacity | - Number: Multiplication and Division <br> - Number: Fractions <br> - Geometry: Position and Direction) | - Number: Place Value (within 100) <br> - Measurement: Money <br> - Measurement: Time |
| Year 2 | - Number: Place Value (within 100) <br> - Number: Addition and Subtraction (within 100) | - Number: Addition and Subtraction (within 100) <br> - Shape: Properties of shapes | - Money <br> - Number: Multiplication and Division (make equal groups) <br> - Number: Multiplication and Division ( $2 \mathrm{~s}, 5 \mathrm{~s}$ and 10 s ) | - Measurement: Length and Height <br> - Measurement: Mass, Capacity and Temperature | - Number: Fractions <br> - Measurement:Time <br> - Problem Solving and Efficient Methods | - Geometry: Position and Direction <br> - Statistics |
| Year 3 | - Number: Place Value (within 1000) <br> - Number: Addition and Subtraction (up to 3 digits) | - Number: Addition and Subtraction (up to 3 digits) <br> - Number: Multiplication and Division ( 3,4 and 8 and written methods) | - Number: Multiplication and Division (written methods) <br> - Measurement: Length and perimeter | - Number: Fractions <br> - Measurement: Mass and Capacity | - Number: Fractions <br> - Measurement: Money <br> - Measurement:Time | - Geometry: Angles and properties of Shapes <br> - Statistics: Bar Charts, Pictograms and Tables |
| Year 4 | - Number: Place Value (4-digit numbers and rounding) <br> - Number: Addition and Subtraction (numbers up to 4 digits) | - Measure: Area <br> - Number: Multiplication and Division (tables facts) | - Number: Multiplication and Division (written methods) <br> - Measurement: Length and perimeter <br> - Number: Fractions | - Number: Fractions <br> - Number: Decimals | - Number: Decimals <br> - Measurement: Money <br> - Measurement: Time <br> - Geometry: Angles and 2D shapes | - Statistics: Interpreting and Representing Data <br> - Geometry: Position and Direction |
| Year 5 | - Number: Place Value (within 1,000,000) <br> - Number: Addition and Subtraction (4-digit numbers) | - Number: Multiplication and Division (Factors, Multiples, Primes, Squares and Cubes) <br> - Number: Fractions | - Number: Multiplication and Division (Written Methods) <br> - Number: Fractions | - Number: Decimals and Percentages <br> - Measure: Perimeter and area <br> - Statistics: Graphs and tables | - Geometry: Properties of Shapes <br> - Geometry: Position and Direction <br> - Number: Decimals | - Number: Negative numbers <br> - Measurement: Converting Units <br> - Measurement: Volume |
| Year 6 | - Number: Place Value (within 10,000,000) <br> - Number: Addition, Subtraction, Multiplication and Division) | - Number: Fractions <br> - Measure: Imperial and metric measures | - Number: Ratio and proportion <br> - Number: Algebra <br> - Number: Decimals | - Number: Percentages <br> - Measurement: Perimeter, Volume and Area | - Statistics: Pie Charts and Line Graphs <br> - Geometry: Properties of Shapes | - Investigations Geometry: Position and Direction <br> - Problem Solving |

