

Maths –
Whole School Overview

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Numbers to 10 Shape	Numbers to 20 Patterns	Shape & Space Working with numbers to 10	Time Doubling & Halving	Measures Addition & Subtraction	Problem Solving Consolidation
1	Number & Place Value	Addition & Subtraction	Multiplication & Division	Shape Position & Direction	Fractions	Time Consolidation
2	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions Shape	Shape SATs Consolidation	Position & Direction Statistics
3	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions	Time	Shape Position & Direction
4	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions & Decimals Statistics	Time	Shape Position & Direction
5	Number & Place Value	Addition & Subtraction	Multiplication & Division	Fractions, Decimals & Percentages	Time Statistics	Geometry Consolidation
6	Number & Place Value	Fractions & Decimals Statistics	Algebra Shape	Revision	SATs Statistics	Investigations

Measurement

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Progressive Skills		<p>Compare, describe and solve practical problems for lengths and heights e.g. long/short, longer/shorter, tall/short, double/half.</p> <p>Compare, describe and solve practical problems for mass/weight e.g. heavy/light, heavier than, lighter than.</p> <p>Compare, describe and solve practical problems for capacity and volume e.g. full/empty, more than, less than, half, half full, quarter.</p> <p>Compare, describe and solve practical problems for time e.g. quicker, slower, earlier, later.</p>	<p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml), to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.</p> <p>Compare and order lengths, mass, volume/capacity and record the results using >, < and =.</p> <p>Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>Find different combinations of coins that equal</p>	<p>Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).</p> <p>Measure the perimeter of simple 2-D shapes.</p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</p> <p>Tell the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.</p> <p>Write the time using an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.</p>	<p>Convert between different units of measure e.g. kilometre to metre, hour to minute.</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.</p> <p>Find the area of rectilinear shapes by counting squares.</p> <p>Estimate, compare and calculate different measures, including money in pounds and pence.</p> <p>Read, write and convert time between analogue and digital 12- and 24-hour clocks.</p> <p>Solve problems involving converting from hours to minutes; minutes to seconds; years to</p>	<p>Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre).</p> <p>Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.</p> <p>Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.</p> <p>Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square</p>	<p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.</p> <p>Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to three decimal places.</p> <p>Convert between miles and kilometres.</p> <p>Recognise that shapes with the same area can have different perimeters and vice versa.</p>

		<p>Measure and begin to record mass/weight.</p> <p>Measure and begin to record capacity and volume.</p> <p>Recognise and know the value of different denominations of coins and notes.</p> <p>Sequence events in chronological order using language e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.</p> <p>Recognise and use language relating to dates, including days of the week, weeks, months and years.</p> <p>Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</p> <p>Measure and begin to record length/height.</p>	<p>the same amounts of money.</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p> <p>Compare and sequence intervals of time.</p> <p>Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.</p> <p>Remember the number of minutes in an hour and the number of hours in a day.</p>	<p>Estimate and read time with increasing accuracy to the nearest minute, record and compare time in terms of seconds, minutes and hours, use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year.</p> <p>Compare durations of events e.g. calculate the time taken by particular events or tasks.</p>	<p>months; weeks to days.</p>	<p>metres (m²), and estimate the area of irregular shapes.</p> <p>Estimate volume e.g. using 1cm³ blocks to build cuboids (including cubes) and capacity e.g. using water.</p> <p>Solve problems involving converting between units of time.</p> <p>Use all four operations to solve problems involving measure e.g. length, mass, volume, money, using decimal notation, including scaling.</p>	<p>Recognise when it is possible to use formulae for the area and volume of shapes.</p> <p>Calculate the area of parallelograms and triangles.</p> <p>Calculate, estimate and compare the volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units e.g. mm³ and km³.</p>
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