



English Progression
Writing Expectation History
Mathematics DT Science PE Languages
Art Geography Computing Differentiation
Progression Expectation **National Curriculum**
Languages English Writing Progression
Differentiation Science Art
Mathematics Expectation

Progression in the new National Curriculum

Measurement						
Rec/ELG	Y1	Y2	Y3	Y4	Y5	Y6
<p>GENERAL</p> <p>Use everyday language to talk about size, weight, capacity, position, distance, time & money to compare quantities and objects and solve problems. ELG</p>	<p>Compare, describe & solve practical problems for:</p> <ul style="list-style-type: none"> - Lengths & heights - Mass/weight - Capacity & volume - Time <p>Measure & begin to record the following:</p> <ul style="list-style-type: none"> - Length & heights - Mass/weight - Capacity & volume - Time (hrs, mins, secs) 	<p>Choose and use appropriate standard units to estimate and measure:</p> <ul style="list-style-type: none"> - length/height in any direction (m/cm) - mass (kg/g) - temperature ($^{\circ}\text{C}$) - capacity (l/ml) <p>to the nearest appropriate unit, using rulers, scales, thermometers & measuring vessels.</p> <p>Compare & order lengths, mass, volume/capacity & record the results using $>$, $<$ and $=$.</p>	<p>Measure, compare, add & subtract:</p> <ul style="list-style-type: none"> - lengths (m/cm/mm) - mass (kg/g) - volume/capacity (l/ml) 	<p>Convert between different units of measure (e.g. km to m; hr to min)</p> <p>Estimate, compare & calculate different measures.</p>	<p>Convert between different units of metric measure (e.g. km/m; cm/m; cm/mm; g/kg; l/ml).</p> <p>Understand & use approximate equivalences between metric units & common imperial units such as inches, pounds & pints.</p> <p>Use all four operations to solve problems involving measure using decimal notation, including scaling.</p> <p>Estimate volume (e.g. using 1 cm^3 blocks to build cubes & cuboids) & capacity (e.g. using water).</p>	<p>Solve problems involving the calculation & conversion of units of measure, using decimal notation to three decimal places where appropriate.</p> <p>Use, read, write & convert between standard units, converting measurements of length, mass, volume & time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to three decimal places.</p> <p>Calculate, estimate & compare volume of cubes & cuboids using standard units, incl cm^3 and m^3, and extending to other units such as mm^3 and km^3.</p> <p>Convert between miles & km.</p> <p>Recognise when it is possible to use the formulae for area & volume of shapes.</p>
PERIMETER			Measure the perimeter of simple 2D shapes.	Measure & calculate the perimeter of a rectilinear figure (incl squares) in cm & m.	Measure & calculate the perimeter of composite rectilinear shapes in cm & m.	Recognise that shapes with the same areas can have different perimeters & vice versa.
AREA				Find the area of rectilinear shapes by counting squares.	Calculate & compare the area of rectangles (including squares, & including using standard units, square centimetres (cm^2) and square metres (m^2) & estimate the area of irregular shapes.	Calculate the area of parallelograms & triangles. Recognise when it is possible to use the formulae for area & volume of shapes.



MONEY	<p>Recognise & know the value of different denominations or coins & notes.</p>	<p>Recognise & use symbols for pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>Find different combinations of coins that equal the same amounts of money.</p> <p>Solve simple problems in a practical context involving addition & subtraction of money of the same unit, incl giving change.</p>	<p>Add & subtract amounts of money to give change, using both £ and p in practical contexts.</p>	<p>Estimate, compare & calculate different measures, including money in pounds & pence.</p>	
TIME	<p>Sequence events in chronological order using language (e.g. before, after, next, first, today, yesterday, tomorrow, morning, afternoon, evening).</p> <p>Recognise & use language relating to dates, incl days of the week, weeks, months, years.</p> <p>Tell the time to the hour & half past the hour & draw the hands on a clock face to show these times.</p>	<p>Compare & sequence intervals of time.</p> <p>Tell & write the time to five minutes, incl quarter past/to the hour & draw the hands on a clock face to show these times.</p>	<p>Tell & write the time from an analogue clock, incl using Roman numerals from I to XII, & 12-hour & 24-hour clocks.</p> <p>Estimate & read time with increasing accuracy to the nearest minute; record & compare time in terms of secs, mins, hrs; use vocabulary such as o'clock, am/pm, morning, afternoon, noon & midnight.</p> <p>Know the numbers of seconds in a minute & the number of days each month, year & leap year.</p> <p>Compare durations of events, for example to calculate time taken by particular events or tasks.</p>	<p>Read, write & convert time between analogue & digital 12- & 24-hour clocks.</p> <p>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</p>	<p>Solve problems involving converting between units of time.</p>