

St Benedict's Catholic Primary School
Progress in Skills: Mathematics:
Measurement



With Jesus, we learn,
 love and laugh

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn Term	<p>Compare, describe and solve practical problems for:</p> <ul style="list-style-type: none"> - length/heights, - mass/weight, - capacity/volume, - time <p>Recognise and know the value of different denominations of coins and notes.</p> <p>Tell time to the hour.</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 the same amounts of money.</p>	<p>Measure, compare, add and subtract:</p> <p>Lengths (m/cm/mm)</p>	<p>Convert between different units of measure (e.g. km to m, hr to mins)</p> <p>Estimate, compare and calculate different measures.</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 mins; mins to secs; years to months; weeks to days.</p>		
Spring Term	<p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> - length/heights, - mass/weight, - capacity/volume, - time (hours, minutes, seconds) 	<p>Solve simple problems in a practical context involving addition & subtraction of money of the same unit, incl. giving change.</p>	<p>Measure the perimeter of simple 2D shapes.</p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</p> <p>Tell and write the time from an analogue clock.</p> <p>Use time vocabulary such as am/pm, noon and midnight.</p> <p>Know the number of seconds in a minute & days in each month, year and leap year.</p>	<p>Measure & calculate the perimeter of a rectilinear figure (incl squares) in cm and m.</p>	<p>Estimate volume (e.g. using 1cm³ blocks to build cubes and cuboids) & capacity (e.g. using water).</p> <p>Measure and calculate the perimeter of composite rectilinear shapes in cm and m.</p> <p>Calculate and compare the area of rectangles (incl. squares) using standard units cm² and m² and estimate the area of irregular shapes.</p>	<p>Calculate, estimate and compare volume of cubes & cuboids using standard units incl. cm³ and m³ and extending to other units such as mm³ and km³</p> <p>Convert between miles and km.</p> <p>Recognise when it is possible to use the formulae for area & volume of shapes</p> <p>Recognise that shapes with the same areas can have different perimeters and vice versa.</p> <p>Calculate the area of parallelograms and</p>

						triangles.
Summer Term	<p>Measure and begin to record the following:</p> <ul style="list-style-type: none"> - length/heights, - mass/weight, - capacity/volume, - time (hours, minutes, seconds) <p>Sequence events in chronological order using mathematical language (e.g. before, after, next, first, today, yesterday, tomorrow, morning, afternoon, evening).</p> <p>Recognise and use language relating to dates, incl. days of the week, months, years.</p> <p>Tell time to the hour and half past the hour and draw the hands on a clock face to show these times.</p>	<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 (°C) - Capacity (l/ml) <p>to the nearest appropriate unit, using rulers, scales, thermometers & measuring vessels.</p> <p>Compare and order lengths, mass, volume/ capacity & record the results using < > and =</p> <p>Compare and sequence intervals of time.</p> <p>Tell and write the time to 5 minutes incl. quarter past/ to the hour & draw the hands on a clock face to show these times.</p>	<p>Measure, compare, add and subtract:</p> <p>Mass (kg/g) Volume / capacity (l/ml)</p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</p> <p>Tell and write the time from an analogue clock incl. Roman numerals and 12/24 hour clocks</p> <p>Estimate and read time with increasing accuracy to the nearest minute. Record and compare time in terms of secs, mins, hrs.</p> <p>Compare durations of events, e.g. calculate the time taken by particular events or tasks.</p>	<p>Find the area of rectilinear shapes by counting squares.</p> <p>Estimate, compare & calculate different measures incl. money in pounds and pence.</p>	<p>Convert between different units of metric measure (e.g. km/m, cm/m, cm/mm, g/kg, l/ml)</p> <p>Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints).</p> <p>Use all 4 operations to solve problems involving measure using decimal notation, incl. scaling.</p> <p>Solve problems involving converting between units of time.</p>	<p>Solve problems involving the calculation & conversion of units of measure, using decimal notation to 3 decimal places where appropriate.</p> <p>Use, read, write and 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 3 decimal places.</p>