

Meadgate Primary School Progression of Skills Maths

Measurement	
Using measures (EYFS)	Can they compare size, mass and capacity in everyday and familiar objects? Can they compare length and height in objects, people etc? Can they order quantities and measures?
Using measures (Year 1)	Can they compare, describe and solve practical problems for: lengths and heights, mass and weight, capacity and volume and time. (For example, long/short, double/half, heavier than/lighter than/more than, less than/quicker, slower) Can they measure and begin to record the following: lengths and heights, mass and weight, capacity and volume, time (hours, minutes and seconds)
Using measures (Year 2)	Can they choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm), mass (kg/g), temperature (°C) and capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels. Can they compare and order lengths, mass, volume, capacity and record the results using >, < and +.
Using measures (Year 3)	Can they measure, compare, add and subtract lengths (m/cm/mm); mass (kg/g) and volume/capacity (l/ml)?
Using measures (Year 4)	Can they choose and use different units of measure (for example km to m; hour to minute)? Can they estimate, compare and calculate different measures?
Using measures (Year 5)	Can they choose and use different units of metric measure? Can they understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints? Can they use all four operations to solve problems involving measure using decimal notation, including scaling?
Using measures (Year 6)	Can they use all four operations to solve problems involving the calculation and conversation of units of measure, using decimal notation up to three decimals places where appropriate? Can they 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 to up to three decimal places? Can they convert between miles and km?

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Measurement	
Money (Year 1)	Can they recognise and know the value of different denominations of coins and notes?
Money (Year 2)	Can they recognise and use symbols for pounds and pence; combine amounts to make a particular value? Can they find different combinations of coins that equal the same amounts of money? Can they solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change?
Money (Year 3)	Can they add and subtract amounts of money to give change, using both £ and p in practical contexts?
Money (Year 4)	Can they estimate, compare and calculate different measures, including money in pounds and pence?
Money (Year 5)	Can they use all four operations to solve problems involving measure?
Money (Year 6)	

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Measurement	
Time (EYFS)	<p>Can they measure time in simple ways?</p> <p>Can they sequence a simple event in the correct order?</p> <p>Can they recognise times or the day, days of the week?</p>
Time (Year 1)	<p>Can they sequence events in chronological order using language (For example, before, after, next, first, today, yesterday, morning, afternoon, evening)?</p> <p>Can they recognise and use language relating to dates, including days of the week, weeks, months and years?</p> <p>Can they tell the time to the hour and half past the hour and draw hands on a clock face to show these times?</p>
Time (Year 2)	<p>Can they compare and sequence intervals of time?</p> <p>Can they 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>Do they know the number of minutes in an hour and the number of hours in a day?</p>
Time (Year 3)	<p>Can they tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks?</p> <p>Can they 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>Do they know the number of seconds in a minute and the number of days in each month, year and leap year?</p> <p>Can they compare the duration of events (for example to calculate the time taken by particular events or tasks)?</p>
Time (Year 4)	<p>Can they convert between analogue and digital 12-and-24-hour clocks?</p> <p>Can they solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days?</p>
Time (Year 5)	<p>Can they use all four operations to solve problems involving converting between units of time?</p>
Time (Year 6)	<p>Can they convert between standard units, converting measurements of time from a smaller unit of measurement to a larger unit and vice versa?</p>

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Measurement	
Perimeter, Area and Volume (Year 1)	
Perimeter, Area and Volume (Year 2)	
Perimeter, Area and Volume (Year 3)	Can they measure the perimeter of simple 2D shapes?
Perimeter, Area and Volume (Year 4)	Can they measure and calculate the perimeter of a rectangular figure (including squares) in centimetres and metres? Can they find the area of rectilinear shapes by counting squares?
Perimeter, Area and Volume (Year 5)	Can they measure and calculate the perimeter of composite rectilinear shapes in cm and m? Can they calculate and compare the area of rectangles (including squares) and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes? Can they estimate volume (for example using 1cm^3 blocks to build cuboids (including cubes)) and capacity (for example using water)?
Perimeter, Area and Volume (Year 6)	Can they recognise that shapes with the same areas can have different perimeters and vice versa? Can they recognise when it is possible to use formulae for area and volume of shapes? Can they calculate the area of parallelograms and triangles? Can they calculate, estimate and compare volume of cubes and cuboids using standard units including cubic centimetres (cm^3) and cubic metres (m^3) and extending to other units (for example, mm^3 , km^3)