



M	Tu	We	Th	F	Sa	Su
Millions	Thousands					
0	0	0	0	0	0	0

Mathematics Curriculum Journey – Measurement

Use all four operations to solve problems involving measure [for example, length, mass, volume,

Estimate volume [for example, using blocks to build cuboids]

Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres

Y6

Recognise when it is possible to use formulae for area and volume of shapes

Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints

Interpret negative numbers in c calculate and compare the area of rectangles (including squares)

Calculate the area of parallelograms and triangles

Convert between different units of metric measure

Convert between different units of measure [for example, kilometre to metre; hour to minute]

Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

Y5

Calculate and compare the area of rectangles (including squares) and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes

Estimate, compare and calculate different measures

Solve number and practical problems.

Find the area of rectilinear shapes by counting squares

Round any number to the nearest 10, 100 or 1,000

Find the area of rectilinear shapes by

Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

Measure the perimeter of simple 2-D shapes

Measure the perimeter of simple 2-D shapes

Y4

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

Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

Compare and order lengths, mass, volume/capacity and record the results using >, < and =

Y3

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

Order lengths, mass, volume/capacity and record the results using >, < and =

Measure and begin to record capacity and volume

Y2

Verbally count beyond 20, recognising the pattern of the counting system.

Measure and begin to record lengths and heights

Y1

Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.

Subitise (recognise quantities without counting) up to 5.

EYFS

Compare quantities up to 10 in different contexts.

Have a deep understanding of number to 10, including the composition of each number.