



FERNDALE PRIMARY
SCHOOL

Stage 5 -Topic Programme of Study Objectives

Comment

Measurement - Length, Mass, Capacity, Temperature

Convert between different units of measure (mm to cm, cm to m, m to km and vice versa)

Understand and use approximate equivalences between metric units and common imperial units (inches, feet, yards and miles)

Measure and calculate the perimeter of composite rectilinear shapes in cm and m

Calculate and compare the area of rectangles (squares) and including using standard units, square cm and square meters and estimate the area of irregular shapes

Convert between different units of measure (g to kg and kg to g)

Understand and use approximate equivalences between metric units and common imperial units (ounces, stone and pounds)

Convert between different units of measure (ml to l and vice versa)

Understand and use approximate equivalences between metric units and common imperial units (pint, gallons and fluid ounces)

Estimate volume using cm^3 blocks to build cuboids/and capacity (e.g. using water)

Count forwards and backwards with positive and negative temperatures through 0°C

Measurement - Time

Solve problems involving converting between units of time

Measurement – Money

Solve multi step worded problems involving money using some or all of the four operations

Geometry – Shape

Identify 3D shapes, including cubes and other cuboids, from 2D representations (e.g. nets)

Use the properties of rectangles to deduce related facts and find missing lengths and angles

Distinguish between regular and irregular polygons based on reasoning about equal sides and angles

Geometry – Co-ordinates / Translation

Identify, describe and represent the position of a shape following a reflection or translation using the appropriate language and know that the shape has not changed

Geometry – Angles

Know that angles are measured in degrees

Estimate and compare acute, obtuse and reflex angles

Draw a given angle and measure them in degrees

Identify that angles at a point, and one whole turn, total 360°

Identify that angles at a point on a straight line, and half a turn, total 180°	
Identify other multiples of 90° (e.g. 180° , 270° and 360°)	
Statistics	
Complete, read and interpret information in tables (including timetables)	
Solve comparison, sum and difference problems using information presented in a line graph	