

Year 6 Summer Pathway

Geometry Shape VIEW	Geometry Position and direction VIEW	Themed projects, consolidation and problem solving VIEW
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Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles

Draw given angles, and measure them in degrees ($^{\circ}$) (Y5)

Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles (Y5)

Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons

Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius

Draw 2-D shapes using given dimensions and angles

Recognise, describe and build simple 3-D shapes, including making nets



Position and direction

Describe positions on the full coordinate grid (all four quadrants)

Draw and translate simple shapes on the coordinate plane, and reflect them in the axes



Number and Place value	Addition, subtraction, multiplication and division	Geometry (position and direction and properties of shape)	Fractions, decimals and percentages	Algebra	Data/Statistics
Numbers to 10 million	Order of Operations Bidmas Common factors Common multiples	Four quadrants Vertically opposite (angles) Circumference Radius Diameter	Degree of accuracy Simplify	Linear number Sequence Substitute Variables Symbol Known values	Mean Pie chart Construct

Summer Half Term 2
Investigating the connection between maths, nature and art, including:
 Tessellation
 Fibonacci
 Pascal's triangle
 Fractals
 Circles and compasses
 Diabolic and parabolic curves