

What I Need to Know Maths Y6 Summer: Shape

We nurture the curiosity to learn, the courage to lead and the compassion to care.

You will:

- find unknown angles in any triangles, quadrilaterals, and regular polygons
- recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles
- recognise, describe and build simple 3-D shapes, including making nets
- draw 2-D shapes using given dimensions and angles
- compare and classify geometric shapes based on their properties and sizes
- illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius

Small Steps	Met
Measure and classify angles	
Calculate angles	
Vertically opposite angles	
Angles in a triangle	
Angles in a triangle – special cases	
Angles in a triangle – missing angles	
Angles in a quadrilateral	
Angles in polygons	
Circles	
Draw shapes accurately	
Nets of 3-D shapes	

Resources I might find helpful

Place value chart, multi-link, times tables grid, bead string, Dienes maths set (base 10), abacus, bar modelling, fraction wall, rulers, measuring tapes, measuring cylinders, balance scales

Vocabulary I need to know...

regular polygon, irregular polygon, reflex angles, degrees, one whole turn, angles on straight line, angles around a point, vertically opposite, missing angles, radius, diameter, circumference, dimensions

Opportunities to support English and maths

- Skim and scan texts to retrieve information quickly and accurately
- Understand what the question requires you to do
- Summarise ideas

End of Unit Reflection

I am more confident because:

I still need support with: