

WHAT DO WE ALREADY *know?*

- Know the properties of rectangles
- Know the difference between a regular and an irregular polygon
- Add and subtract numbers up to three digits

Stage 6 – Investigating Properties of Shapes



- Investigate properties of 2D shapes
- Investigate angles in polygons
- Understand and use the vocabulary of circles

KEYWORDS

- Quadrilateral
- Square
- Rectangle
- Parallelogram
- (Isosceles) Trapezium
- Kite
- Rhombus
- Delta
- Arrowhead
- Triangle
- Scalene
- Right-angled
- Isosceles
- Equilateral
- Angle
- Polygon
- Regular
- Irregular
- Pentagon
- Hexagon
- Octagon
- Decagon
- Dodecagon
- Circle
- Radius
- Diameter
- Circumference
- Centre
- Parallel
- Diagonal

Investigating Properties of Shapes - Targets

	Before Topic	After Topic	Teacher Mark
Classify 2D shapes using given categories; e.g. number of sides, symmetry			
Find unknown angles in a triangle, quadrilaterals and regular polygons			
Solve problems involving missing angles			
Solve problems involving 2-D shapes			
Know the names and relationships of the parts a circle			