

Year 6 Geometry Properties of Shapes (Angles) Learning Journey

Ready to Progress

Non-statutory guidance for key skills and knowledge needed

Resources, ideas and assessment questions available in the Maths Guidance NCETM

Year 5 Prior Learning	Year 6	NCETM
Identify angles at a point and one whole turn (total 360°); angles at a point on a straight line and $1/2$ a turn (total 180°); other multiples of 90°	Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles	
✓ Identify and find angles at a point	✓ Find missing angles where they meet on a straight line or circle	
✓ Identify and find angles at a point on a straight line	✓ Find missing angles in a triangle	
	✓ Find missing angles where they are vertically opposite	
	✓ Find unknown angles in regular polygons	
	✓ Use known facts to find missing angles	
	Draw given angles and measure them in degrees x°	
	✓ Use a protractor to measure angles less than 180°	
	✓ Use a protractor to measure angles greater than 180°	
	✓ Use a protractor to draw angles less than 180°	
	✓ Use a protractor to draw angles greater than 180°	
	Identify angles at a point and one whole turn (total 360°); angles at a point on a straight line and $1/2$ a turn (total 180°); other multiples of 90°	
	✓ Identify and find angles at a point	
	✓ Identify and find angles at a point on a straight line	
	Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons	
	✓ Find unknown angles in triangles	
	✓ Find unknown angles in quadrilaterals	
	✓ Find unknown angles in regular polygons	