Ellingham C of E Primary School Year 4 Assessment Expectations Mathematics: Geometry		
End of Term 1	**End of Term 2**	**End of Term 3**
Geometry: Properties of Shapes		
I am beginning to compare and classify geometric shapes, including quadrilaterals e.g. parallelogram, rhombus, trapezium and triangles e.g. isosceles, equilateral, scalene, based on properties and sizes.	I can compare and classify geometric shapes, including quadrilaterals e.g. parallelogram, rhombus, trapezium and triangles e.g. isosceles, equilateral, scalene, based on properties and sizes.	I accurately compare and classify geometric shapes, including quadrilaterals e.g. parallelogram, rhombus, trapezium and triangles e.g. isosceles, equilateral, scalene, based on properties and sizes.
I am beginning to compare lengths and angles to decide if a polygon is regular or irregular.		I confidently compare lengths and angles to decide if a polygon is regular or irregular.
	I can identify, in a wider range of situations acute and obtuse angles and compare and order angles up to two right angles by size	I can confidently identify acute and obtuse angles and compare and order angles up to two right angles by size in preparation for using a protractor.
I can often identify lines of symmetry in 2-D shapes presented in different orientations.	I can complete a simple symmetric figure with respect to a specific line of symmetry in different orientations	I can confidently identify lines of symmetry in 2-D shapes presented in different orientations.
	I can draw symmetric patterns using a variety of media to become familiar with different orientations of lines symmetry; and recognise line symmetry in a variety of diagrams, including where the line of symmetry does not dissect the original shape.	I can confidently draw symmetric patterns using a variety of media to become familiar with different orientations of lines symmetry. I can accurately recognise line symmetry in a variety of diagrams including where it does not dissect the original shape.
Geometry: Position and Direction	I can describe positions on a 2-D grid as coordinates in the first quadrant.	I can confidently describe positions on a 2-D grid as coordinates in the first quadrant.
		I can draw a pair of axes in one quadrant, with equal scales and integer labels.
	I can plot specified points and draw sides to complete given polygon. Starts to notice patterns e.g. in coordinates of vertices of a square.	I can confidently describe movements between positions as translations of a given unit to the left/right and up/down.
Problem Solving:		
I can solve simple problems, involving reasoning about properties of shapes, position and direction. Explain solutions orally or using writing, diagrams, practical materials or dynamic geometry IT tools.		I can solve multi-step problems, involving reasoning about properties of shapes, position and direction. Explain solutions orally or using writing, diagrams, practical materials or dynamic geometry IT tools.