

SUMMER TERM MATHEMATICS OVERVIEW – YEAR 6

Daily Mathematics Lesson – 1 hour (one/two lessons each week to be a discrete arithmetic lesson)

Y6 target - 99 challenge/Platinum

BLOCKS	NATIONAL CURRICULUM OBJECTIVES KEY OBJECTIVES	SMALL STEPS	READY TO PROGRESS CRITERIA	Linked Step	
Geometry: Shape 3 weeks	❖ 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 ❖ recognise, describe and build simple 3-D shapes, including making nets ❖ 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	• 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	6G-1 Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems.	• Angles in a triangle – special cases • Angles in a triangle – missing angles • Angles in a quadrilateral • Angles in polygons • Draw shapes accurately	End of block assessment
Geometry: Position & Direction 1 week	❖ 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	• The first quadrant • Read and plot coordinates in all four quadrants • Solve problems with coordinates • Translations • Reflections			End of block assessment

Themed Projects, consolidation and problem solving	For the remainder of the term the children will have the opportunity to complete some real life projects. The projects revisit many of the skills and curriculum content covered both in Year 6 and also the rest of Key Stage 2. This gives the opportunity to ensure any possible gaps in understanding are addressed before children move on to secondary school. An overview of the curriculum content areas explored in each project can be found in the individual project overview documents.	<u>Projects:</u> White Rose Bakery White Rose Tours White Rose Futures			
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