

WEEK 1	OBJECTIVES	NON-STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Geometry Angles	<ul style="list-style-type: none"> Understand and use degrees Classify angles Estimate angles Measure angles up to 180° Draw lines and angles accurately 	<p>Pupils become accurate in drawing lines with a ruler to the nearest millimetre, and measuring with a protractor. They will understand there are 360° and how to use these degrees. They use conventional markings for parallel lines and right angles.</p> <p>NRICH: The Numbers Give the Design *</p> <p>NRICH: Six Places to Visit *</p> <p>NRICH: How Safe Are You? *</p> <p>NRICH: Olympic Turns ***</p> <p>NRICH: Egyptian Rope **</p> <p><i>Real life links: House floor plans include accurate scale drawing which include various angles. Children could design house floor plans (label angles).</i></p>

WEEKS 2 and 3	OBJECTIVES	NON-STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Angles & 3D Shapes	<ul style="list-style-type: none"> Calculate angles around a point Calculate angles on a straight line Lengths and angles in shapes Regular and irregular polygons 3-D shapes 	<p>Pupils become accurate in drawing lines with a ruler to the nearest millimetre, and measuring with a protractor. They use conventional markings for parallel lines and right angles.</p> <p>NRICH: The Numbers Give the Design *</p> <p>NRICH: Six Places to Visit *</p> <p>NRICH: How Safe Are You? *</p> <p>NRICH: Olympic Turns ***</p> <p>NRICH: Egyptian Rope **</p> <p><i>Real life links: House floor plans include accurate scale drawing which include various angles. Children could design house floor plans (label angles).</i></p>

WEEKS 4 and 5	OBJECTIVES	NON-STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
	<ul style="list-style-type: none"> Read and plot coordinates 	<p>Pupils will be able to recognize how to read and plot co ordinates. They will recognise and use</p>

WEEKS 4 and 5	OBJECTIVES	NON-STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Co ordinates and Translations	<ul style="list-style-type: none"> • Problem solving with coordinates • Translation • Translation with coordinates • Lines of symmetry 	<p><i>reflection and translation in a variety of diagrams, including continuing to use a 2D grid and coordinates in the first quadrant. Reflection should be in lines that are parallel to the axes.</i></p> <p>NRICH: Transformations on a Pegboard *</p> <p>NRICH: Square Corners **</p> <p>NRICH: More Transformations on a Pegboard **</p> <p><i>Real life links: When focusing on patterns and architecture in Art & Design, translations will be recognised and used.</i></p> <p>NRICH: Route Product **</p> <p>NRICH: Forgot the Numbers **</p> <p>Mathematical Challenges for the more able Four by Four - 59</p>

WEEK 6	OBJECTIVES	NON-STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
Decimals	<ul style="list-style-type: none"> • Reflection in horizontal and vertical lines • Use known facts to add and subtract decimals within 1 • Complements to 1 • Add and subtract decimals across 1 • Add decimals with the same number of decimal places 	<p><i>Pupils to understand reflection in horizontal and vertical lines. To extend counting from year 4, using decimals and fractions including bridging zero, for example on a number line.</i></p> <p><i>Pupils say, read and write decimal fractions and related tenths, hundredths and thousandths accurately and are confident in checking the reasonableness of their answers to problems. They extend their knowledge of fractions to thousandths and connect to decimals and measures.</i></p> <p><i>They practise adding and subtracting decimals, including a mix of whole numbers, decimals with</i></p>

TERM: Summer 1

YEAR:5

WEEK 6	OBJECTIVES	NON-STATUTORY GUIDANCE AND SUPPORT FOR LEARNING
		<i>different numbers of decimal places and complements to 1.</i> <i>Real life links: Working out the result of sales offers, tips on bills, comparing prices.</i>