

Week	Learning Objectives	Key Outcomes
1	<p><b><u>Properties of Shapes: Shapes and Angles</u></b>            To find missing angles in triangles.            To find missing angles in quadrilaterals.            To explore angles in regular polygons.            To solve problems using knowledge of angles relating to shapes and straight lines.            To solve problems relating to the properties of 3D shapes.</p>	<p>I can find unknown angles in different types of triangles. I can find unknown angles in quadrilaterals. I can find unknown angles in regular polygons. I can use conventional markings and labels for lines and angles. I recognise angles where they meet at a point. I recognise angles on a straight line. I understand that vertically opposite angles are equal. I can solve problems involving reasoning about shapes and their properties.</p>
2	<p><b><u>Statistics/Revision</u></b>            To read, interpret and solve problems using line graphs.            To read, interpret and solve problems using pie charts.            To revise for the arithmetic SAT paper.</p>	<p>I can interpret line graphs and use these to solve problems. I can interpret pie charts and use these to solve problems. I can connect work on angles and fractions to the interpretation of pie charts. I solve comparison, sum and difference problems using information presented in line graphs and pie charts. I can revise and consolidate my understanding of arithmetic.</p>
3	<p><b><u>SATs/Revision</u></b>            To revise for the arithmetic and reasoning SAT papers.</p>	<p>I can revise and consolidate my understanding of arithmetic, reasoning and problem solving.</p>
4	<p><b><u>Statistics</u></b>            To draw line graphs.            To solve problems using line graphs.            To solve problems using pie charts representing percentages.            To identify and explore relationships between parts of a circle.</p>	<p>I can interpret and construct line graphs and use these to solve problems. I can connect work on angles, fractions and percentages to the interpretation of pie charts. I can link percentages of 360 to calculate angles in pie charts. I can illustrate and name parts of a circle, including radius, diameter and circumference. I know that the diameter is twice the length of the radius.</p>
5	<p><b><u>Statistics/Properties of Shapes</u></b>            To draw shapes accurately using knowledge of their properties.            To draw nets of 3D shapes.            To draw pie charts.</p>	<p>I can draw a wider range of 2D shapes and nets accurately, using given dimensions and angles. I can use a protractor to accurately draw angles and shapes. I recognise, describe and build simple 3D shapes, including making nets. I can interpret and construct pie charts and use these to solve problems. I can connect work on angles, fractions and percentages to the interpretation of pie charts. I can link percentages of 360 to calculate angles in pie charts.</p>