
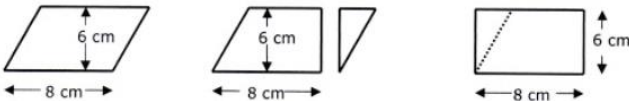


	Learning objective	Main teaching	Activity	Resources	Vocabulary
Monday	LO to be able to calculate the area of right angle triangles	<p>Area of a triangle Model this using a piece of paper.</p> <ol style="list-style-type: none"> <li>1. Cut into a square/rectangle using squared paper</li> <li>2. Calculate area of the rectangle</li> <li>3. Cut diagonally from one corner to the opposite corner</li> <li>4. Discuss 'congruent' nature of the triangles</li> <li>5. Formula for area of a triangle: <math>b \times h</math> divided by 2</li> </ol> <div data-bbox="748 549 994 820" data-label="Image"> <p>Triangle &amp; Formula</p> <p><math>area = \frac{1}{2} b h</math></p> </div> <p><a href="https://vimeo.com/507597205">https://vimeo.com/507597205</a></p>	<p><a href="https://resources.whiterosemaths.com/wp-content/uploads/2020/02/Y6-Spring-Block-5-WO4-Area-of-a-triangle-2-2019.pdf">https://resources.whiterosemaths.com/wp-content/uploads/2020/02/Y6-Spring-Block-5-WO4-Area-of-a-triangle-2-2019.pdf</a></p> <p><b>Extra challenge:</b> 'Numerically Equal' <a href="https://nrich.maths.org/1045/note">https://nrich.maths.org/1045/note</a></p>	<p>Vimeo links</p> <p>Worksheets</p> <p>Paper</p> <p>Pencils</p> <p>Ruler</p> <p>Maths books</p>	<p>Congruent</p> <p>Triangle</p> <p>Base</p> <p>Height</p> <p>Equal</p> <p>Area</p> <p>Formula</p> <p>Width</p> <p>Length</p>
Tuesday	LO to find the area of any triangle	<p>Area of a triangle Recap learning from yesterday. Model this using a piece of paper.</p> <ol style="list-style-type: none"> <li>1. Cut into a square/rectangle using squared paper</li> <li>2. Calculate area of the rectangle</li> <li>3. Cut from the two bottom corners to a point on the opposite line e.g.</li> </ol> <div data-bbox="647 1187 1039 1362" data-label="Image"> </div> <ol style="list-style-type: none"> <li>4. Allow children to explore. They should find out that the two smaller triangles fit together to</li> </ol>	<p>Look at the 'Iceberg Area of Triangles' worksheet. (Differentiated: whole numbers up to decimals with missing dimensions). Calculate the area of each iceberg.</p> <p>Next, complete Page 50 in your CGP Targeted Question Book - Area of a Triangle.</p> <p><b>Extra challenge:</b> 'Fitted' fit the shapes together to form a rectangle. What will the dimensions of the rectangle be? <a href="https://nrich.maths.org/1854/note">https://nrich.maths.org/1854/note</a></p>	<p>Vimeo link</p> <p>Paper</p> <p>Scissors</p> <p>White Rose worksheet</p> <p>Iceberg worksheet</p> <p>CGP Targeted Question Books</p>	<p>Perimeter</p> <p>Calculate</p> <p>Area</p> <p>Accurate</p> <p>Measure</p> <p>Congruent</p> <p>Perpendicular</p> <p>Base</p>

		<p>be exactly the same size and shape as the blue triangle.</p> <ol style="list-style-type: none"> <li>Discuss 'congruent' nature of the triangles</li> <li>Formula for area of a triangle: <math>b \times h</math> divided by 2</li> </ol> <p><a href="https://vimeo.com/507906973">https://vimeo.com/507906973</a></p>		<p>'Fitted' link</p> <p>Maths book</p> <p>Pencil</p> <p>Ruler</p>	<p>Height</p> <p>Length</p> <p>Width</p>
Wednesday	LO to find the area of parallelograms	<p>Area of a parallelogram</p> <p>Model this using a piece of paper.</p> <ol style="list-style-type: none"> <li>Cut into a square/rectangle using squared paper</li> <li>Calculate area of the rectangle</li> <li>Cut one corner off, from one corner to a point on the opposite line.</li> </ol>  <ol style="list-style-type: none"> <li>Move the triangle to the opposite side to create a parallelogram.</li> </ol>  <ol style="list-style-type: none"> <li>Formula for area of a parallelogram: <math>b \times h</math></li> </ol> <p><a href="https://vimeo.com/508494691">https://vimeo.com/508494691</a></p>	<p>Complete Pgs 100 and 101 in 'Y6 Target Your Maths' textbook.</p> <p><b>Extra challenge:</b> Have a go at solving these with shaded and non-shaded areas.</p> <p><a href="https://www.tes.com/teaching-resource/area-of-triangles-with-answers-11240750">https://www.tes.com/teaching-resource/area-of-triangles-with-answers-11240750</a></p>	<p>Target Your Maths textbook</p> <p>Maths books</p> <p>Pencil</p> <p>Ruler</p> <p>Paper</p> <p>TES worksheet (extra challenge)</p> <p>Vimeo link</p>	<p>Calculate</p> <p>Area</p> <p>Congruent</p> <p>Perpendicular</p> <p>Height</p> <p>Base</p> <p>Multiply</p> <p>Formula</p> <p>Shaded</p>

Thursday	LO to solve problems involving area and perimeter	<p>Problem solving Area &amp; Perimeter</p> <p>Look at the Y6 SATs questions on Area and Perimeter together.</p> <p>Talk through how to solve the questions and which information the children need to draw on in order to answer them.</p> <p>Model reading the question and picking out key facts.</p>	<p>Complete Pgs 96 and 97 in 'Y6 Target Your Maths' workbook. Particular focus on compound shapes with missing dimensions. Also some decimal calculation, triangles and parallelograms.</p> <p><b>Extra challenge:</b> 'Through the window' using knowledge of area and perimeter to solve problems.  <a href="https://nrich.maths.org/10344/note">https://nrich.maths.org/10344/note</a></p>	<p>Y6 SATs questions Area &amp; Perimeter</p> <p>Target Your Maths workbooks</p> <p>Maths books</p> <p>Pencils</p> <p>Ruler</p>	<p>Area</p> <p>Perimeter</p> <p>Calculate</p> <p>Measure</p> <p>Accurate</p> <p>Squared</p> <p>Space</p> <p>Distance</p>
Friday	LO to demonstrate my understanding of area and perimeter	<p>Recap area and perimeter teaching from past week/week and a half.</p> <p>Y6 recap triangles and parallelograms.</p> <p>All recap reading questions carefully and looking for key information.</p> <p>Recap revisiting a question to see if it's correct.</p>	<p><b>All children to complete the White Rose end of unit assessment. NOTE: Y6 assessment contains 'volume' not yet taught this year.</b></p> <p>Then, choice of the following:</p> <ol style="list-style-type: none"> <li>1. completing any pages from textbooks from this week</li> <li>2. Carrying on with the SATs questions started yesterday</li> <li>3. Area and Perimeter pages from 'CGP Targeted Question Books'</li> </ol>	<p>Work from past week</p> <p>Maths books</p> <p>Pencil</p> <p>Ruler</p> <p>Assessments</p> <p>Textbooks</p> <p>SATs Questions</p>	<p>Area</p> <p>Perimeter</p> <p>Calculate</p> <p>Measure</p> <p>Accurate</p> <p>Squared</p> <p>Space</p> <p>Distance</p>