



ASPIRE • BELIEVE • ACHIEVE



## Curriculum Overview: Mathematics Year 7 Theta

Year 7 Theta Summer Term 2			
What are we learning?	What knowledge, understanding and skills will we gain?	What does excellence look like?	What additional resources are available?
Transformations	<p><b>Knowledge</b></p> <ul style="list-style-type: none"><li>• Recognise congruent shapes</li><li>• Use the language of enlargement</li><li>• Skills</li><li>• Recognise line and rotational symmetry in 2D shapes.</li><li>• Recall reflections in a mirror line</li><li>• Use a coordinate grid</li></ul> <p><b>Skills</b></p> <ul style="list-style-type: none"><li>• Enlarge shapes using given scale factors</li><li>• Work out the scale factor of a given object and its image</li><li>• Identify all the symmetries of 2D shapes.</li><li>• Identify reflection symmetry in 3D shapes.</li><li>• Describe a reflection on a coordinate grid</li><li>• Describe and carry out rotations</li><li>• Translate 2D shapes</li><li>• Combine transformations</li></ul>	<p>Identify congruent shapes and explain enlargements using correct terminology</p> <p>Be able to perform transformations on any given 2D shape including reflections and rotations</p> <p>Combine a variety of transformations on given shapes as required</p> <p>Determine the scale factor of any given object and its image.</p>	<p>Corbett Maths Doddle Resources CGP Mathematics for KS2 Book 1/2 Maths Box</p>