

Subject	Year 8 Threshold Concepts – Spring Term	How to support students' learning
	<p><b><u>Straight Line Graphs</u></b></p> <ul style="list-style-type: none"> <li>• Plotting and drawing straight line graphs</li> <li>• Identifying gradients and intercepts</li> </ul> <p><b><u>Probability</u></b></p> <ul style="list-style-type: none"> <li>• Probability recap</li> <li>• Venn diagrams</li> <li>• Frequency trees</li> <li>• Tree diagrams</li> </ul> <p><b><u>Constructions</u></b></p> <ul style="list-style-type: none"> <li>• Constructing triangles</li> <li>• Tessellations</li> </ul>	<ul style="list-style-type: none"> <li>• Encourage your child to use the correct equipment when working with lines and graphs (a pencil and ruler)</li>   <li>• Encourage your child to use the correct equipment when working with lines and angles (a pencil, ruler and protractor)</li> </ul>
	<p><b><u>Indices and Estimating</u></b></p> <ul style="list-style-type: none"> <li>• Rules of indices</li> <li>• Rounding (including significant figures)</li> <li>• Estimating</li> </ul> <p><b><u>Standard Form</u></b></p> <ul style="list-style-type: none"> <li>• Writing numbers in standard form</li> <li>• Calculations using standard form</li> </ul> <p><b><u>Ratio</u></b></p> <ul style="list-style-type: none"> <li>• Divide in a given ratio</li> <li>• Solve ratio problems</li> </ul>	<ul style="list-style-type: none"> <li>• Encourage your child to show all their working out when working with indices. Examples will be in their exercise books to refer to</li>   <li>• This may be the first time they have seen standard form so encourage them to seek help from their teacher if they're finding it difficult.</li>   <li>• Encourage your child to set their work out clearly</li> </ul>

	<p><b><u>Continuous Data and Scatter Graphs</u></b></p> <ul style="list-style-type: none"><li>• Describe the different types of data</li><li>• Draw and interpret scatter graphs</li></ul>	<ul style="list-style-type: none"><li>• Encourage your child to use a sharp pencil to draw neat and accurate graphs</li></ul>
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