

## Mathematics at KS4

At KS4 students follow a scheme of work that leads to sitting either the higher tier or foundations tier examination in the Summer Term of Year 11.

Please refer to individual schemes of work for each set to see the breakdown of objectives taught.

Term	Topic	Homework / Assessment opportunities
<p><b>Year 9</b> Higher tier</p> <p><b>Year 9</b> Foundation Tier</p>	<p>Module 1 Number Module 2 Algebra Module 3 Statistics Module 4 Ratio and Proportion Module 5 Geometry Problem Solving Tasks</p> <p>Module 1 Number Module 2 Algebra Module 3 Statistics Module 4 Number Module 5 Algebra Problem Solving Tasks</p>	<p>Homework is set by teachers to meet the needs of the classes that they teach. Homework, can take a number of forms:</p> <ul style="list-style-type: none"> <li>• exercise questions to consolidate understanding</li> <li>• revision questions</li> <li>• investigational work</li> <li>• research or planning tasks for subsequent lessons</li> <li>• online "mymaths" homework.</li> </ul> <p>The amount of homework set depends on the ability of the students. Parents are encouraged to monitor that homework is being completed by looking in their child's planner and in their exercise book on a regular basis.</p> <p>A formal assessment is made at the end of every module through exam questions in exam conditions.</p>
<p><b>Year 10</b> Higher tier</p>	<p>Module 6 Algebra Module 7 Geometry Module 8 Algebra Module 9 Geometry Module 10 Probability &amp; Statistics Module 11 Ratio and Proportion Module 12 Geometry Problem solving</p>	<p>As above</p>

<b>Year 10</b> Foundation tier	Module 6 <i>Geometry</i> Module 7 <i>Probability</i> Module 8 <i>Statistics</i> Module 8 <i>Geometry</i> Module 9 <i>Ratio and proportion</i> Module 10 <i>Geometry</i> Module 11 <i>Geometry</i> Problem solving	
<b>Year 11</b> Higher tier	Module 13 <i>Algebra</i> Module 14 <i>Geometry</i> Module 15a <i>Algebra</i> Module 15b <i>Ratio and Proportion</i> Module 16 <i>Geometry</i> Problem solving  Revision	As above
<b>Year 11</b> Foundation tier	Module 12a <i>Ratio and Proportion</i> Module 12b <i>Geometry</i> Module 13 <i>Algebra</i> Module 14 <i>Number</i> Module 15 <i>Geometry</i> Module 16 <i>Algebra</i> Problem solving  Revision	