

# HUB: Maths

## Subject: Maths Year 11

Autumn 1	Spring 1	Summer 1
<ul style="list-style-type: none"> <li>• Integers, powers and roots</li> <li>• Sequences, functions &amp; graphs</li> <li>• Lines, angles and shapes</li> <li>• Data - interpreting results</li> <li>• Construction &amp; loci</li> <li>• Calculations &amp; accuracy</li> <li>• Transformations</li> </ul> <p>Note - some topic areas will not be covered by all classes depending on tier and prior knowledge.</p>	<ul style="list-style-type: none"> <li>• Volume &amp; Surface Area</li> <li>• Fractions, decimals and percentages</li> <li>• Measures</li> <li>• Inequalities</li> <li>• Statistical Inquiry</li> <li>• Exam Preparation Week / Revision</li> <li>• Mocks &amp; Intervention</li> </ul> <p>Note - some topic areas will not be covered by all classes depending on tier and prior knowledge.</p>	<ul style="list-style-type: none"> <li>• Probability &amp; Data Handling</li> <li>• Revision &amp; Exam Preparation</li> </ul> <p>Students will be trained in effective strategies for answering exam questions, and the content that they cover will be designed to fill gaps in their knowledge.</p> <p>It is expected that students spend as much time in individual study outside the lessons as they spend in timetabled classes.</p>

Parents can help by: • Keep a copy of your child's timetables and ask them what they have learned in each lesson every day.

Parents can help by: • Ask your child times tables questions every day (e.g. when you're clearing the table after dinner, or giving a lift to a club or sports practice).

Autumn 2	Spring 2	Summer 2
<ul style="list-style-type: none"> <li>• Mocks &amp; Intervention</li> <li>• Simplifying &amp; substituting</li> <li>• Ratio &amp; proportion</li> <li>• Pythagoras' Theorem and Trigonometry</li> <li>• Forming &amp; solving equations</li> <li>• Area &amp; Perimeter</li> <li>• Probability</li> </ul> <p>Note - some topic areas will not be covered by all classes depending on tier and prior knowledge.</p>	<ul style="list-style-type: none"> <li>• Mocks &amp; Intervention</li> <li>• Number</li> <li>• Algebra</li> <li>• Ratio &amp; proportion</li> <li>• Shape</li> </ul> <p>Note - some topic areas will not be covered by all classes depending on tier and prior knowledge.</p>	<p>Students will be trained in effective strategies for answering exam questions, and the content that they cover will be designed to fill gaps in their knowledge.</p> <p>It is expected that students spend as much time in individual study outside the lessons as they spend in timetabled classes.</p>

Parents can help by: • Expect your child to get at least one piece of homework (almost) every week. If they aren't, then contact the teacher.

Parents can help by: • Provide a peaceful location for homework and study (without distractions) for at least an hour a day.