



## HUB: Maths

### Subject: Maths Year 8



Autumn 1	Spring 1	Summer 1
<ul style="list-style-type: none"> <li>• Integers, powers and roots</li> <li>• <b>Assessment 1 - skills</b></li> <li>• Sequences, Functions and Graphs</li> <li>• Lines, Angles and Shapes</li> </ul>	<ul style="list-style-type: none"> <li>• Simplifying &amp; substituting</li> <li>• <b>Assessment 3 - skills</b></li> <li>• Ratio &amp; proportion</li> <li>• Pythagoras' Theorem and Trigonometry (most able)</li> </ul>	<ul style="list-style-type: none"> <li>• Probability</li> <li>• Volume &amp; Surface Area</li> <li>• <b>Assessment 5 - skills</b></li> <li>• Fractions, decimals and percentages</li> </ul>

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).

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.

Autumn 2	Spring 2	Summer 2
<ul style="list-style-type: none"> <li>• Data - interpreting results</li> <li>• <b>Assessment 2 - problem solving</b></li> <li>• Construction &amp; loci</li> <li>• Calculations &amp; accuracy</li> <li>• Transformations</li> </ul>	<ul style="list-style-type: none"> <li>• Forming &amp; solving equations</li> <li>• <b>Assessment 4 - problem solving</b></li> <li>• Area &amp; Perimeter</li> <li>• Probability</li> </ul>	<ul style="list-style-type: none"> <li>• Measures</li> <li>• <b>Assessment 6 - problem solving</b></li> <li>• Inequalities</li> <li>• Statistical Inquiry</li> </ul>

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

Parents can help by: • Ask to see your child's books regularly. They should be neat, with lots of work in. If not, ask why not. Your comments will make a big difference to your child.

Parents can help by: • Using your child's login details for Mathswatch or MyMaths, log in to see what they have been doing outside class. Support them in revising effectively.

Students in years 8 study material depending their target for year 11. This can be found on the latest progress check and in your child's maths book.

<p>For each topic area, a student will cover work of a level of difficulty that matches their target for their current year. To establish the grade that you child is working at use the table on the right.</p>	<p><b>End of Y11 Target Grade</b></p> <p>8 7 6 5 4 3 2 1</p>	<p><b>End of Y8 target Grade</b></p> <p>5 4 3 2 2 2 EL2</p>
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