

## Maths

<p><b><u>Your Y11 Mock Exams</u></b></p> <p><b>Title and length of paper(s):</b> (90 Minute Papers)  <i>2 papers instead of the 3 taken in the summer exams</i>          Paper 1 <b>Non-calculator:</b> Higher or Foundation tier          Paper 2 <b>Calculator</b> allowed: Higher or Foundation tier</p> <p><b>Style(s) of question:</b>          Edexcel full GCSE questions which will include some unseen material and questions to test problem solving.</p>		<p><b>How best to revise for this subject:</b> (activities, how long, when, revisiting ideas ...)</p> <p>Short bursts of regular practice by attempting questions. Maths is a skill and so <b>actively doing</b> is much more effective than making revision notes or reading.</p> <p>Reviewing year 10 mocks to find the pitfalls and errors previously made.</p> <p>Acting on feedback provided in lessons and on homework.</p> <p>Practise topic specific exam questions so that you get used to the style.</p>
<p><b>Themes to be assessed</b> (on each paper):</p>	<p><b>Resources:</b> (incl. page refs / websites etc)</p>	
<p>Each paper will contain 5 key topic areas. Examples are provided showing the typical contents for each topic area.</p> <ol style="list-style-type: none"> <li>1. Number eg frac/dec/%, standard form.</li> <li>2. Algebra eg Simplifying, solving equations, expanding and factorising, plotting lines and curves</li> <li>3. Ratio and proportion eg exchanges rates, recipe sizes, compound measure, proportionality equations (Higher only)</li> <li>4. Shape eg. Transformations, Area and perimeter of circles and compound areas. Pythagoras and Trigonometry</li> <li>5. Data eg pie charts, scatter, mean from table</li> <li>6. Probability and tree diagrams, cumulative frequency (Higher only)</li> </ol>	<p>Your Ready Set Go workbook for grade 4/5 topics.</p> <p>Corbett maths for 5 a day quick question practice and past papers</p> <p>Sparx maths-use of the independent revision sections.</p> <p>Justmaths online.</p> <p>User: Hanleystudent Pswd: Hanley</p> <p>Mathsgenie GCSE revision by topic and past papers.</p>	

<p><b>What support could be happening in lessons?</b></p> <p>Mini mocks past paper practice</p> <p>Revision Day - students bringing in their own questions and queries from their revision guides and past papers to ensure a bespoke revision program is created for each student</p> <p>Teaching of high tariff/regularly appearing topics that have yet to be covered.</p>	<p><b>What could I expect for homework?</b></p> <p>Sparx maths is set for a shorter period to allow for independent revision to take place.</p> <p>Exam style practice question sheets.</p>
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