


Maths

<p><u>Your Y11 Mock Exams</u></p> <p>Title and length of paper(s): (90 Minute Papers) <i>2 papers instead of the 3 taken in the summer exams</i> Paper 1 Non-calculator: Higher or Foundation tier Paper 2 Calculator allowed: Higher or Foundation tier</p> <p>Style(s) of question: Edexcel full GCSE questions which will include some unseen material and questions to test problem solving.</p>		<p>How best to revise for this subject: (activities, how long, when, revisiting ideas ...)</p> <p>Short bursts of regular practice by attempting questions. Maths is a skill and so actively doing 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>Themes to be assessed (on each paper):</p>	<p>Resources: (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"> 1. Number eg frac/dec/%, standard form. 2. Algebra eg Simplifying, solving equations, expanding and factorising, plotting lines and curves 3. Ratio and proportion eg exchanges rates, recipe sizes, compound measure, proportionality equations (Higher only) 4. Shape eg. Transformations, Area and perimeter of circles and compound areas. Pythagoras and Trigonometry 5. Data eg pie charts, scatter, mean from table 6. Probability and tree diagrams, cumulative frequency (Higher only) 	<p>QR code (see left) linked One drive folder – past papers, revision lists, posters.</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. User: Hanleystudent Pswd: Hanley</p> <p>Mathsgenie GCSE revision by topic and past papers.</p>	
		

<p>What support could be happening in lessons?</p> <p>Mini mocks past paper practice with feedback linked to Sparx through codes.</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>What could I expect for homework?</p> <p>Sparx maths is set weekly until January. Thereafter students may have a more varied diet including Sparx and exam style practice questions.</p>
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