



## Year 10 Mock Exams 2026 – Topic list by Subject

Subject	Topic List/Resources/Notes
Business Studies	<p><u>Written examination: 1 hour and 45 minutes</u></p> <p>Topic 1.1 Enterprise and entrepreneurship            Topic 1.2 Spotting a business opportunity            Topic 1.3 Putting a business idea into practice            Topic 1.4 Making the business effective            Topic 1.5 Understanding external influences on business</p>
Child Development	<p><u>Written exam- 1 hour 15 minutes</u></p> <p>TA1: Pre conception health and reproduction            TA2: Antenatal Care and preparation for birth            TA4: Childhood illnesses and a child safe environment</p>
Computer Science	<p>1.1 Systems Architecture            1.2 Memory and Storage            2.1. Algorithms            2.2 Programming fundamentals            2.4 Boolean logic</p>
Drama	<p>'The Crucible' set text for Component 3: Written Exam.</p>
English Language	<p>Language Paper 2</p> <ul style="list-style-type: none"> <li>• Past papers on the Student Hub, Mr Bruff on Youtube, Free resources in the LRC</li> <li>• Free Masterclass run by Herts For Learning on <a href="https://StanboroughEnglish.wixsite.com/exams">https://StanboroughEnglish.wixsite.com/exams</a></li> <li>• Know what each question is asking you to show. Practice with at least 1 paper and get it checked.</li> </ul>
English Literature	<p>Romeo and Juliet and A Christmas Carol</p> <ul style="list-style-type: none"> <li>• MyShakespeare, Litcharts (for modern translation), Online CGP book for A Christmas Carol (each student has a code in their text)</li> <li>• Past Papers on the student hub</li> <li>• Free resources in the LRC</li> <li>• BBC Podcasts linked on <a href="https://StanboroughEnglish.wixsite.com/Exams">https://StanboroughEnglish.wixsite.com/Exams</a></li> <li>• Understand the plot, characters and what they represent, and themes. Know at least 3 quotes per character, and two quotes per theme. Consider foreshadowing, symbolism, and writer's intentions. Why this and why now?</li> </ul>
French	<p><b><i>Written papers – Listening, Reading and Writing</i></b>  <b><i>Key Vocabulary:</i></b>  <i>Theme 1 – Me, my family and friends, Technology, Social media, Free time, Customs and festivals.</i>  <i>Theme 2 – Home, Town, Region, Charity and volunteer work, Environment, Poverty &amp; homelessness, Holidays &amp; travel.</i></p>

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	<p><i>Theme 3 – School, Future studies, Jobs</i>  <i>Key Grammar. Including but not limited to:</i>  <i>Past, present and future tense (including I went / I go / I am going to go / I would like to go)</i>  <i>Ways to say because</i>  <i>Time and frequency phrases (on Mondays, sometimes, never)</i>  <i>Superstar phrases (If I were to have money...)</i></p> <p><b><u>Speaking mock</u></b> (15<sup>th</sup> and 16<sup>th</sup> April):  <i>All themes.</i>  <i>Tasks: Role play, Photo card (Describe 2 photos – at least one thing on both, know how to say In the first photo there is.. And In the second photo there is...), Reading aloud (Pronunciation of key phonics and sounds), Question words, General Conversation Questions</i></p>
History	<p><b>Paper 3: Modern Depth Study: Weimar and Nazi Germany, 1918-39</b></p> <p><b>The Weimar Republic, 1918-29</b></p> <ul style="list-style-type: none"> <li>- The origins of the Republic, 1918-19</li> <li>- Early challenges to the Republic, 1919-23</li> <li>- The recovery of the Republic, 1924-29</li> <li>- Changes in society, 1924-29</li> </ul> <p><b>Hitler’s rise to power, 1919-33</b></p> <ul style="list-style-type: none"> <li>- Early developments of the Nazi Party, 1920-22</li> <li>- Munich Putsch and lean years, 1923-29</li> <li>- Growth in Nazi Support, 1929-32</li> <li>- How Hitler became Chancellor, 1932-33</li> </ul> <p><b>Nazi control and dictatorship, 1933-39</b></p> <ul style="list-style-type: none"> <li>- The creation of a dictatorship, 1933-34</li> <li>- The police state</li> <li>- Controlling and influencing attitudes</li> <li>- Opposition, resistance and conformity</li> </ul> <p><b>Life in Nazi Germany. 1933-39</b></p> <ul style="list-style-type: none"> <li>- Nazi policies towards women</li> <li>- Nazi policies towards the young</li> <li>- Employment and living standards</li> <li>- The persecution of minorities</li> </ul>
Geography	<p><b>Paper 1: The Challenges of the Physical Environment:</b></p> <ul style="list-style-type: none"> <li>• The Challenge of Natural Hazards</li> <li>• The Living World (<i>Optional unit: Cold environments</i>)</li> <li>• Physical Landscapes of the UK (<i>Optional units: Rivers and Coasts</i>)</li> </ul>

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Maths	<b>Paper 1 Non-calculator (1 hour and 30 minutes), Paper 2 Calculator (1 hour and 30 minutes).</b>	
	<p><b>Higher</b></p> <ul style="list-style-type: none"> <li>• Roots/Powers, including index and surd notation</li> <li>• Units of measure (mass, length, time, money and compound measures)</li> <li>• Converting fractions, decimals and percentages, including recurring decimals</li> <li>• Product rule for counting</li> <li>• Rounding, error intervals and bounds calculations</li> <li>• Standard Form</li> <li>• Expand and factorise expressions (including completing the square)</li> <li>• Sequences</li> <li>• Graphs of functions, including linear, reciprocal, exponential and quadratic</li> <li>• Solving equations and inequalities</li> <li>• Algebraic substitution</li> <li>• Mathematical proof</li> <li>• Simultaneous equations</li> <li>• Inverse and composite functions</li> <li>• Scatter graphs, including correlation and line of best fit</li> <li>• Box Plots and Cumulative Frequency Diagrams</li> <li>• Measures of averages and spread</li> <li>• Direct and inverse proportion</li> <li>• Ratio in real life contexts</li> <li>• Percentages problems, including percentage change</li> <li>• Compound interest, growth and decay</li> <li>• Circumference and area of a circle</li> <li>• Trigonometry, including Sine, Cosine and area of a triangle</li> <li>• Vectors (column vectors only)</li> <li>• Similarity</li> <li>• Transformations, including combinations</li> <li>• Circle theorems</li> <li>• Conditional probability</li> <li>• Dependent and independent combined events</li> </ul>	<p><b>Foundation</b></p> <ul style="list-style-type: none"> <li>• Calculations with fractions, including finding a fraction of an amount</li> <li>• Converting fractions, decimals and percentages</li> <li>• Roots/Powers, including index notation</li> <li>• Primes, factors and multiples</li> <li>• Units of measure (mass, length, time, money and compound measures)</li> <li>• Order of operations</li> <li>• Rounding and error intervals</li> <li>• Standard Form</li> <li>• Function machines</li> <li>• Solving linear equations</li> <li>• Writing, simplifying and manipulating expressions, equations and formulae</li> <li>• Expanding and factorising algebraic expressions</li> <li>• Reading and plotting coordinates in all four quadrants</li> <li>• Graphs and equations of linear graphs (<math>y = mx + c</math>)</li> <li>• Solve quadratic equations</li> <li>• Bar charts</li> <li>• Stem and Leaf diagrams</li> <li>• Measures of average and spread</li> <li>• Scatter graphs, including correlation and line of best fit</li> <li>• Similar shapes</li> <li>• Direct and inverse proportion</li> <li>• Ratio in real life contexts</li> <li>• Scale factors, scale diagrams and maps</li> <li>• Percentages problems, including percentage change</li> <li>• Scale drawings and bearing</li> </ul>

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	<ul style="list-style-type: none"> <li>• Set notation and Venn diagrams</li> </ul> <p><b>Equipment:</b> Black pen, pencil, 30cm ruler, protractor, compass and eraser for both papers. A scientific calculator for paper 2 (recommended calculator is Casio fx-83GT)</p>	<ul style="list-style-type: none"> <li>• Properties of 2D shapes, including circles</li> <li>• Calculations with Pi (<math>\pi</math>)</li> <li>• Pythagoras Theorem</li> <li>• Trigonometry</li> <li>• Geometrical problems on coordinate axes</li> <li>• Parallel lines</li> <li>• Surface area and volume of cylinders</li> <li>• Transformations</li> <li>• Listing outcomes</li> <li>• Theoretical probability scale</li> </ul> <p><b>Equipment:</b> Black pen, pencil, 30cm ruler, protractor, compass and eraser for both papers. A scientific calculator for paper 2 (recommended calculator is Casio fx-83GT)</p>
Media Studies	Component 1 Exam paper (Full) Revision Booklet in MS Teams folder. Focus on Advertising/Magazines/Film Marketing/Video Games/Radio and Newspapers – All covered in first year. Analyse past questions and WAGOLs in the booklet	
Music	Concerto Through Time Rhythms of the World	
PE	<p>Paper 1 <b>1 hour 30 mins</b></p> <ul style="list-style-type: none"> <li>- The Structure and functions of the muscular skeletal system</li> <li>- The structure and function of the cardio vascular system</li> <li>- Anaerobic and aerobic exercise</li> <li>- The structure and function of the respiratory system</li> <li>- The relationship between health and fitness and the role that exercise plays in both</li> <li>- Short and long term effects of exercise</li> <li>- Components of fitness</li> <li>- Fitness testing and methods of training</li> <li>- PEDs and how to optimise training and performance</li> <li>- Principles of training</li> </ul>	

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Psychology	<p><b>Memory</b> Processes of memory; encoding (input) storage and retrieval (output); Structures of memory; Memory as an active process</p> <p><b>Perception</b> Sensation and perception; Visual cues and constancies; Gibson's direct theory of perception – the influence of nature; Visual illusions; Gregory's constructivist theory of perception – the influence of nurture; Factors affecting perception</p> <p><b>Research Methods</b> Formulation of testable hypotheses; Types of variable; Sampling methods; Designing research; Correlation; Research procedures: Planning and conducting research; Ethical considerations; Quantitative and qualitative data; Primary and secondary data; Ethical considerations; Computation; Descriptive statistics; Interpretation and display of quantitative data; Normal distributions</p> <p><b>Social Influence</b> Conformity; Obedience; Prosocial behaviour; Crowd and collective behaviour</p>		
Science	<table border="1"> <tr> <td data-bbox="387 719 1167 1388"> <p>Foundation Combined Science, Biology Paper 1 Cells and structure Cell division Organisation and digestion Organising animals and plants Communicable diseases Developing medicine Non-communicable diseases Photosynthesis</p> </td> <td data-bbox="1167 719 2094 1388"> <p>Higher Combined Science, Biology Paper 1 Cells and structure Cell division Organisation and digestion Organising animals and plants Communicable diseases Developing medicine Non-communicable diseases</p> <p>Biology Separate: Combined Science, Biology Paper 1 Cells and structure Cell division Organisation and digestion Organising animals and plants Communicable diseases Developing medicine Non-communicable diseases</p> </td> </tr> </table>	<p>Foundation Combined Science, Biology Paper 1 Cells and structure Cell division Organisation and digestion Organising animals and plants Communicable diseases Developing medicine Non-communicable diseases Photosynthesis</p>	<p>Higher Combined Science, Biology Paper 1 Cells and structure Cell division Organisation and digestion Organising animals and plants Communicable diseases Developing medicine Non-communicable diseases</p> <p>Biology Separate: Combined Science, Biology Paper 1 Cells and structure Cell division Organisation and digestion Organising animals and plants Communicable diseases Developing medicine Non-communicable diseases</p>
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		Monoclonal antibodies Photosynthesis Respiration
Spanish	<p><b><u>Written papers – Listening, Reading and Writing</u></b></p> <p><i>Key Vocabulary:</i></p> <p><i>Theme 1 – Me, my family and friends, Technology, Social media, Free time, Customs and festivals.</i></p> <p><i>Theme 2 – Home, Town, Region, Charity and volunteer work, Environment, Poverty &amp; homelessness, Holidays &amp; travel.</i></p> <p><i>Theme 3 – School, Future studies, Jobs</i></p> <p><i>Key Grammar. Including but not limited to:</i></p> <p><i>Past, present and future tense (including I went / I go / I am going to go / I would like to go)</i></p> <p><i>Ways to say because</i></p> <p><i>Time and frequency phrases (on Mondays, sometimes, never)</i></p> <p><i>Superstar phrases (If I were to have money...)</i></p> <p><b><u>Speaking mock</u></b> (15<sup>th</sup> and 16<sup>th</sup> April):</p> <p><i>All themes.</i></p> <p><i>Tasks: Role play, Photo card (Describe 2 photos – at least one thing on both, know how to say In the first photo there is.. And In the second photo there is...), Reading aloud (Pronunciation of key phonics and sounds), Question words, General Conversation Question</i></p>	

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