

The Canterbury Academy

A school for all the Talents



Part of The Canterbury Academy Trust

**YEAR 10**  
**Mock Exam**  
**Revision Information Sheets**  
**June 2024**

*In partnership with Simon Langton  Grammar School for Boys to provide a grammar school band for boys and girls in a comprehensive school for all the talents*

# Mock Exam Timetable June 2024

| June/July 2024                                                                                        | Name of Paper              |
|-------------------------------------------------------------------------------------------------------|----------------------------|
| Monday 24 <sup>th</sup> June                                                                          | English literature paper 1 |
| Tuesday 25 <sup>th</sup> June                                                                         | Biology paper 1            |
| Wednesday 26 <sup>th</sup> June                                                                       | Maths non-calculator       |
| Thursday 27 <sup>th</sup> June<br>Geography & History (Students studying both will sit History first) | Geography/History          |
| Friday 28 <sup>th</sup> June                                                                          | Chemistry paper 1          |
| Monday 1 <sup>st</sup> July                                                                           | Maths- calculator          |

- **Your other subjects may be carrying out a mock within your classroom lesson time around this main schedule. Please make sure you are aware of when they will be.**

## Contents

- English Language
- English Literature
- Mathematics
- Combined Science
- Triple Science
- History
- Geography

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| <b>Subject</b>          | <p><b>English Literature Paper 1</b> Shakespeare and Post - 1914 Literature – <b><i>Macbeth</i> only</b></p> <p><b>English Language Paper 1</b> Explorations in Creative Reading and Writing – <b>Question 5 only</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Exam Information</b> | <ul style="list-style-type: none"> <li>• 1x paper</li> <li>• 80 marks for whole paper</li> <li>• 1 hour 45 minutes – 30 minutes on Macbeth 1a, 30 minutes on Macbeth 1b, and 45 minutes on Question 5.</li> <li>• Exam boards = Edexcel and AQA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Exam Topics</b>      | <p><b><u>English Literature</u></b></p> <p><b><u>Macbeth Question 1a</u></b></p> <ul style="list-style-type: none"> <li>• You will be given an extract which will be about a page long.</li> <li>• You should analyse the language, structure and form.</li> <li>• Use PEA to structure your response.</li> <li>• Only use material from the extract.</li> <li>• Closed book.</li> </ul> <p>AO2<br/>20 marks<br/>30 minutes</p> <p><b><u>Macbeth Question 1b</u></b></p> <ul style="list-style-type: none"> <li>• This is the discursive question.</li> <li>• You will be given (usually) a theme to explore across the WHOLE play.</li> <li>• DO NOT take any material from the extract.</li> <li>• You should use PEEC – make relevant points that link to the question, include quotations to support points, outline what the quotations suggest in relation to the question and explore how context helps you come to your conclusions.</li> <li>• Closed book.</li> </ul> <p>AO1 – 15 marks<br/>AO3 – 5 marks<br/>30 minutes</p> <p><b><u>English Language</u></b></p> <p><b><u>Question 5 Description OR</u></b></p> <ul style="list-style-type: none"> <li>• Plan your answer (5 minutes).</li> <li>• Description can be inspired by the picture, but is not limited to it.</li> <li>• Do not include plot or characters.</li> <li>• Include descriptive language such as imagery, colours, the senses, etc.</li> <li>• You are marked on your SPaG and vocabulary.</li> <li>• Proofread your answer at the end (5 minutes).</li> </ul> <p>AO5 – content and organisation<br/>24 marks<br/>AO6 – SpaG and vocabulary<br/>16 marks<br/>45 minutes</p> <p><b><u>Question 5 Narrative</u></b></p> <ul style="list-style-type: none"> <li>• Plan your answer (5 minutes).</li> <li>• Do include plot and characters (no more than two).</li> <li>• Include descriptive language such as imagery, colours, the senses, etc.</li> <li>• You are marked on your SPaG and vocabulary.</li> <li>• Proofread your answer at the end (5 minutes).</li> </ul> <p>AO5 – content and organisation<br/>24 marks<br/>AO6 – SpaG and vocabulary<br/>16 marks<br/>45 minutes</p> |

## Revision Resources



GCSE  
Pod

<https://members.gcsepod.com/shared/podcasts/title/11734/72446>

<https://www.physicsandmathstutor.com/english-revision/gcse-edexcel/macbeth/>



Physics  
and  
Math  
Tutor

<https://www.physicsandmathstutor.com/past-papers/gcse-english-literature/edexcel-paper-1/>

<https://www.physicsandmathstutor.com/past-papers/gcse-english-language/aqa-paper-1/>



<https://www.youtube.com/@mrbruff/playlists>

<https://www.youtube.com/@mrbruff/playlists>

Mr  
Bruff

<https://myshakespeare.com/play/macbeth>

### Afterschool English Revision Sessions

- Every Wednesday 3-4pm. Speak to your teacher about the revision schedule for this term.

## Additional Guidance

- All parts of the paper are closed book.
- Each question is an essay question, so ensure you write a sufficient amount for each one.
- Don't just 'bolt on' context; ensure it is embedded throughout your explanation.
- Use your time wisely; don't spend too long on one question and not enough time on the others.
- Try to think of imaginative and unique ideas for Question 5 – be convincing and compelling!

**Make sure you answer ALL questions on the paper. To attempt something is better than to leave it blank.**

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| <b>Subject</b>          | <b>Mathematics</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Exam Information</b> | <ul style="list-style-type: none"> <li>• 3 x papers – 2 papers sat in the hall, 1 paper sat in class</li> <li>• 80 marks for each paper</li> <li>• 1 hour 30 minutes per paper</li> <li>• Exam board = Edexcel</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Exam Topics</b>      | <p><b>Higher</b> Codes refer to Sparx codes for revision:</p> <p><b>Fractions</b> - U224, U538, U793</p> <p><b>Factors, multiples and primes</b>- U739, U250</p> <p><b>Percentage change</b> - U671, U332, U988</p> <p><b>Standard form</b> - U330, U534, U264, U290</p> <p><b>Error intervals</b> - U657</p> <p><b>Calculating with roots and fractional indices</b> - U851, U985, U772, U299</p> <p><b>Converting recurring decimals to fractions</b> -U689</p> <p><b>Surds</b> - U338, U663, U872, U499</p> <p><b>Rationalising the denominator</b> - U707, U281</p> <p><b>Error intervals</b> - U657, U301, U587</p> <hr/> <p><b>Linear equations</b> - U325, U870, U599</p> <p><b>Linear inequalities</b> - U759, U738, U145, U337</p> <p><b>Index laws</b> - U235, U694, U662</p> <p><b>Linear simultaneous equations</b> - U760, U757, U836, U137</p> <p><b>Linear graphs and coordinates</b> - U315, U669, U477, U848, U377</p> <p><b>Quadratic graphs and equations</b> - U989, U667, U228, U601</p> <p><b>Expanding triple brackets</b> - U606</p> <p><b>Operations with algebraic fractions</b> - U685, U457, U824</p> <p><b>Factorising quadratic expressions: <math>ax^2+bx+c</math></b> - U858</p> <p><b>Simplifying algebraic fractions</b> - U294</p> <p><b>Factorising to solve quadratics equations</b> - U228, U960</p> <p><b>Using the quadratic formula</b> - U665</p> <p><b>Completing the square to solve quadratics</b> - U397, U589</p> <p><b>Quadratic equations in context</b> - U150</p> <p><b>Quadratic simultaneous equations</b> -U547</p> <p><b>Equation of a straight line: Perpendicular lines</b>- U898</p> <p><b>Quadratic graphs: Turning points</b> -U769</p> <p><b>Quadratic simultaneous equations on graphs</b>- U875</p> <p><b>Exponential graphs</b> - U229</p> <p><b>Exponential growth and decay problems</b> - U988</p> <p><b>Trigonometric graphs</b> - U450</p> <p><b>Graph transformations</b> - U598, U487, U455</p> <p><b>Velocity-time graphs</b> - U937, U562, U611</p> <p><b>Rate of change graphs</b> - U638, U652, U862</p> <p><b>Estimating gradient from a curve</b> - U800</p> | <p><b>Foundation</b> Codes refer to Sparx codes for revision:</p> <p><b>Ordering positive integers</b> - U600</p> <p><b>Ordering decimals</b> - U435</p> <p><b>Ordering negative numbers</b> - U947</p> <p><b>Adding and subtracting positive integers</b> - U417</p> <p><b>Multiplying and dividing positive integers</b> - U127, U453</p> <p><b>Adding and subtracting negative numbers</b> - U742</p> <p><b>Multiplying and dividing negative numbers</b> - U548</p> <p><b>Adding and subtracting decimals</b> - U478</p> <p><b>Multiplying and dividing with place value</b> - U735</p> <p><b>Multiplying and dividing with decimals</b> - U293, U868</p> <p><b>Order of operations</b> - U976</p> <p><b>Prime numbers, prime factorisation</b> - U236, U739</p> <p><b>Factors, multiples, HCF and LCM</b> - U211, U751, U529, U739, U250</p> <p><b>Powers and roots</b> - U851</p> <p><b>Using standard form</b> - U330, U534</p> <p><b>Calculating with standard form</b> - U264, U290, U161</p> <p><b>Equivalent fractions and simplifying fractions</b> - U704, U646</p> <p><b>Mixed numbers and improper fractions</b> - U692</p> <p><b>Ordering fractions</b> - U746</p> <p><b>Addition and subtraction of fractions</b> - U736, U793</p> <p><b>Multiplication and division of fractions</b> - U475, U544, U224, U538</p> <p><b>Converting and ordering fractions, decimals and percentages</b> - U888, U594</p> <p><b>Fractions of amounts</b> - U881, U916</p> <p><b>Percentages of amounts</b> - U554, U349</p> <p><b>Percentage change</b> - U773, U671, U332, U988</p> <p><b>Reverse percentages</b> - U286, U278</p> <p><b>Simple interest</b> - U533</p> <p><b>Rounding</b> - U480, U298</p> <p><b>Rounding to significant figures</b> - U731, U965</p> <p><b>Estimating answers</b> - U225</p> <p><b>Value for money</b> - M681</p> <p><b>Error intervals</b> - U657</p> <hr/> <p><b>Algebraic expressions</b> - U613</p> <p><b>Collecting like terms</b> - U105</p> <p><b>Substitution</b> - U201, U585, U144</p> <p><b>Expanding brackets</b> - U179, U768</p> <p><b>Factorising expressions</b> - U365</p> <p><b>Index laws</b> - U235, U694, U662, U103</p> <p><b>Changing the subject</b> - U556</p> <p><b>Coordinates</b> - U789, U889</p> |

**Estimating area under a curve** - U882  
**Equation of a circles and tangents** - U567  
**Linear inequalities as graph regions** -U747  
**Quadratic inequalities** - U133  
**Functions** - U637, U895, U448, U996  
**Recurrence relations** - U171  
**Quadratic sequences** - U206  
**Iteration and numerical methods** - U434, U168  
**Algebraic proof** - U582

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**Ratio** - U687, U753, U176, U577, U921, U865  
**Speed** - U151  
**Density and pressure** - U910, U527  
**Proportion** - U721, U357, U610  
**Algebraic direct and inverse proportion** - U407, U138  
**Compound units: Density problem solving** - U910

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**Area** -U226, U343, U950  
**Volume** -U786, U174, U915  
**Angles** - U655, U826, U329, U427  
**Transformations** - U196, U799, U696, U519, U766  
**Congruence proofs** - U866, U887  
**Enlargements** - U134  
**Describe combined transformations** - U766  
**Circle theorems: Angles inside a circle** - U459, U251  
**Circle theorems: Tangents and chords** - U489, U130  
**Circle theorems problems** -U808  
**Prove circle theorems** -U807  
**Volume of frustums** - U350  
**Volume: Problem solving** -U543, U426  
**Similar Shapes: Area and volume** - U630, U110  
**Pythagoras' Theorem in 2D and 3D** -U385, U541  
**Right-angled trigonometry** - U319, U283, U545, U967, U605  
**3D trigonometry** - U170  
**The area rule** - U592  
**Sine rule** - U952  
**Cosine rule** - U591  
**Trigonometry and bearings** - U164  
**Vectors problems** - U781, U560

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**Calculating probabilities** -U408, U510, U683, U580  
**Expected outcomes** - U166  
**Tree diagrams** - U558, U729  
**Set notation** - U748, U296  
**Product rule for counting** - U369  
**Conditional probability** - U246, U821, U806  
**Probability from Venn diagrams** -U476, U748, U699

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**Averages** - U717, U569, U877  
**Averages with grouped data** - U877  
**Sampling** - U162  
**Scatter graphs** - U199, U277, U128  
**Frequency polygons** - U840

**Midpoints** - U933  
**Plotting straight line graphs** - U741  
**Distance-time graphs** - U403, U914, U462, U966  
**Linear equations** - U755, U325, U870, U505, U599  
**Quadratic expressions and equations** - U178, U228  
**Linear sequences** - U213, U530, U498, U978  
**Other sequences** - U958, U680  
**Linear inequalities** - U759, U738, U145, U337  
**Linear simultaneous equations** - U760, U757, U836, U137  
**Linear graphs and coordinates including parallel lines** - U315, U669, U477, U848, U377  
**Quadratic graphs and equations** - U989, U667, U228, U601

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**Simplifying ratios** - U687  
**Sharing amounts in a ratio** - U753, U577  
**Combining ratios** - U921  
**Changing ratios** - U865  
**Converting between ratios, fractions and percentages** - U176  
**Direct proportion** - U721, U640  
**Inverse proportion** - U357, U364  
**Proportion graphs** - U238  
**Units of measure: Length, Mass and Capacity** - U102, U388  
**Units of measure: Time** - U902  
**Units of measure: Area** - U248  
**Currency conversion** - U610  
**Conversion graphs** - U652, U638, U862  
**Compound units: Speed** - U151  
**Density and pressure** - U910, U527

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**Properties of 2D shapes** - U121, U849  
**Properties of 3D shapes** - U719  
**Nets of 3D shapes** - U761  
**Angles: Measuring, Drawing and Estimating** - U447  
**Angle on a line and about a point** - U390  
**Vertically opposite angles** - U730  
**Angles on parallel lines** - U826  
**Angles in a triangle** - U628  
**Combining angle facts** - U655  
**Angles in a quadrilateral** - U732, U329  
**Angles in polygons** - U427  
**Bearings** - U525, U107  
**Translations** - U196  
**Reflections** - U799  
**Enlargements** - U519  
**Rotations** - U696  
**Combining transformations** - U766  
**Congruence** - U790, U866  
**Area and perimeter of simple shapes** - U993, U970, U351, U226

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|                                   | <p><b>Cumulative frequency diagrams</b> - U182, U642</p> <p><b>Box plots</b> - U879, U837, U507</p> <p><b>Histograms</b> - U814, U983, U267</p> <p><b>Capture-recapture</b> - U328</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p><b>Area of triangles, parallelograms and trapeziums</b> - U945, U575, U424, U265, U343</p> <p><b>Circles</b> - U767</p> <p><b>Circumference</b> - U604, U221</p> <p><b>Circle area</b> - U950, U373</p> <p><b>Surface area</b>-U929, U259, U871</p> <p><b>Volume of cuboids</b> - U786</p> <p><b>Volume of prisms and cylinders</b> - U174, U915</p> <p><b>Similar shapes</b> - U551, U578</p> <p><b>Scale diagrams</b> - U257</p> <p><b>Pythagoras' theorem</b> - U385</p> <p><b>Trigonometry</b> - U605, U283, U545</p> <hr/> <p><b>Probability scale</b> - U803</p> <p><b>Probability of single events</b> - U408, U510, U683</p> <p><b>Experimental probability</b> - U580</p> <p><b>Expected outcomes</b> - U166</p> <p><b>Listing elements in a set (notation)</b> - U748, U296</p> <p><b>Probability from Venn diagrams</b> - U476</p> <p><b>Frequency trees</b> - U280</p> <p><b>Sample space diagrams</b> - U104</p> <p><b>Tree diagrams</b> - U558, U729</p> <hr/> <p><b>Averages</b> - U717, U569</p> <p><b>Averages with grouped data</b> - U877</p> <p><b>Sampling</b> - U162</p> <p><b>Scatter graphs</b> - U199, U277, U128</p> <p><b>Frequency polygons</b> - U840</p> |
| <p><b>Revision Resources</b></p>  | <ul style="list-style-type: none"> <li>• Sparx Maths      sparxmaths.uk</li> <li>• Corbett Maths      corbettmaths.com</li> <li>• Maths Genie      mathsgenie.co.uk</li> <li>• On Maths      onmaths.com</li> </ul> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p><u>Afterschool Maths Support Sessions</u><br/>Every Monday 3-4pm, room N710</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p><b>Additional Guidance</b></p> | <p>You must show all stages of your working out in a question, even if you have completed the calculation on a calculator. It is unlikely that you will get full marks for just writing down an answer, even if it is correct.</p> <p>Spend approximately the same number of minutes on a question as the number of marks it is worth eg 5 mark question – 5 minutes answering it.</p> <p><b><u>Make sure you answer ALL questions on the paper. To attempt something is better than to leave it blank.</u></b></p>                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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| <b>Subject</b>             | <b>Combined Science (Trilogy)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                        |                                                                                                                |
| <b>Exam Information</b>    | <ul style="list-style-type: none"> <li>• 3x Paper 1 GCSE Examinations - 1x Biology (in hall), 1x Chemistry (in hall), and 1x Physics (in lesson)</li> <li>• Foundation Tier</li> <li>• 70 marks each</li> <li>• 1 hour 15 minutes each</li> <li>• Periodic Table and Physics Equation Sheet provided</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                        |                                                                                                                |
| <b>Exam Topics</b>         | <u><b>Biology</b></u><br>4.1 Cell Biology<br>4.2 Organisation<br>4.3 Infection and Response<br>4.4 Bioenergetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u><b>Chemistry</b></u><br>5.1 Atomic Structure and the Periodic Table<br>5.2 Structure, Bonding, and Properties of Matter<br>5.3 Quantitative Chemistry<br>5.4 Chemical Changes<br>5.5 Energy Changes | <u><b>Physics</b></u><br>6.1 Energy<br>6.2 Electricity<br>6.3 Particle model of matter<br>6.4 Atomic structure |
| <b>Revision Resources</b>  | <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <br/> GCSE Pod<br/> <a href="https://www.gcsepod.com">https://www.gcsepod.com</a> </div> <div style="text-align: center;"> <br/> Physics and Math<br/> Tutor<br/> <a href="https://www.physicsandmathstutor.com/">https://www.physicsandmathstutor.com/</a> </div> <div style="text-align: center;"> <br/> BBC Bitesize<br/> <a href="https://www.bbc.co.uk/bitesize/examspecs/z8r997h">https://www.bbc.co.uk/bitesize/examspecs/z8r997h</a> </div> </div> <p><u>Afterschool Science Support Sessions</u></p> <ul style="list-style-type: none"> <li>• Combined Science/Biology/Chemistry Support Sessions – Every Thursday 3pm-4pm in rooms 61, 62, 63, and 64</li> <li>• Physics Support Sessions – Every Friday 3pm-4pm in room 72</li> </ul>                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                        |                                                                                                                |
| <b>Additional Guidance</b> | <p><b><u>Multiple choice / Match the Boxes Questions</u></b></p> <p>These questions rely on basic recall of content to answer the questions. If unsure, eliminate definite incorrect answers and then take best guess at the correct answer.</p> <p><b>Never leave these questions blank, even if unsure of the answer.</b></p> <p><b><u>'State' Questions</u></b></p> <p>Simply recall and write down a single fact or write a single statement about data/information provided in the question.</p> <p><b><u>'Explain' Questions</u></b></p> <p>Simply recall and write down a single fact or write a single statement about data/information provided in the question.</p> <p>Then write down the reason why this fact/statement is valid.</p> <p><b><u>Calculation Questions</u></b></p> <ol style="list-style-type: none"> <li>1. Identify values provided in the question and write them down in a list.</li> <li>2. Convert units of those values (if necessary).</li> <li>3. Recall correct equation and write down.</li> <li>4. Substitute values into the equation.</li> <li>5. Rearrange (if required).</li> <li>6. Calculate answer <b>using a calculator</b>.</li> </ol> <p><b><u>Required Practical 6 Mark Questions</u></b></p> <p>Be sure to include: a list of equipment, all variables (independent, dependent, and control), brief risk assessment, and a numbered method written clearly in a step-by-step fashion.</p> |                                                                                                                                                                                                        |                                                                                                                |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                        |                                                                                                                |
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| <b>Subject</b>             | <b>Triple Science</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                        |                                                                                                                |
| <b>Exam Information</b>    | <ul style="list-style-type: none"> <li>• 3x Paper 1 GCSE Examinations - 1x Biology (in hall), 1x Chemistry (in hall), and 1x Physics (in lesson)</li> <li>• Higher Tier</li> <li>• 100 marks each</li> <li>• 1 hour 45 minutes each</li> <li>• Periodic Table and Physics Equation Sheet provided</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                        |                                                                                                                |
| <b>Exam Topics</b>         | <u><b>Biology</b></u><br>4.1 Cell Biology<br>4.2 Organisation<br>4.3 Infection and Response<br>4.4 Bioenergetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u><b>Chemistry</b></u><br>5.1 Atomic Structure and the Periodic Table<br>5.2 Structure, Bonding, and Properties of Matter<br>5.3 Quantitative Chemistry<br>5.4 Chemical Changes<br>5.5 Energy Changes | <u><b>Physics</b></u><br>6.1 Energy<br>6.2 Electricity<br>6.3 Particle model of matter<br>6.4 Atomic structure |
| <b>Revision Resources</b>  | <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <br/> <br/>  </div> <div style="text-align: center;"> GCSE Pod<br/><br/> Physics and Math Tutor<br/><br/> BBC Bitesize </div> <div style="text-align: right;"> <a href="https://www.gcsepod.com">https://www.gcsepod.com</a><br/><br/> <a href="https://www.physicsandmathstutor.com/">https://www.physicsandmathstutor.com/</a><br/><br/> <a href="https://www.bbc.co.uk/bitesize/examspecs/z8r997h">https://www.bbc.co.uk/bitesize/examspecs/z8r997h</a> </div> </div> <p><u>Afterschool Science Support Sessions</u></p> <ul style="list-style-type: none"> <li>• Combined Science/Biology/Chemistry Support Sessions – Every Thursday 3pm-4pm in rooms 61, 62, 63, and 64</li> <li>• Physics Support Sessions – Every Friday 3pm-4pm in room 72</li> </ul>                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                        |                                                                                                                |
| <b>Additional Guidance</b> | <p><b><u>Multiple choice / Match the Boxes Questions</u></b></p> <p>These questions rely on basic recall of content to answer the questions. If unsure, eliminate definite incorrect answers and then take best guess at the correct answer.</p> <p><b>Never leave these questions blank, even if unsure of the answer.</b></p> <p><b><u>'State' Questions</u></b></p> <p>Simply recall and write down a single fact or write a single statement about data/information provided in the question.</p> <p><b><u>'Explain' Questions</u></b></p> <p>Simply recall and write down a single fact or write a single statement about data/information provided in the question.</p> <p>Then write down the reason why this fact/statement is valid.</p> <p><b><u>Calculation Questions</u></b></p> <ol style="list-style-type: none"> <li>1. Identify values provided in the question and write them down in a list.</li> <li>2. Convert units of those values (if necessary).</li> <li>3. Recall correct equation and write down.</li> <li>4. Substitute values into the equation.</li> <li>5. Rearrange (if required).</li> <li>6. Calculate answer <b>using a calculator</b>.</li> </ol> <p><b><u>Required Practical 6 Mark Questions</u></b></p> <p>Be sure to include: a list of equipment, all variables (independent, dependent, and control), brief risk assessment, and a numbered method written clearly in a step-by-step fashion.</p> |                                                                                                                                                                                                        |                                                                                                                |

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| <b>Subject</b>             | <b>History GCSE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Exam Information</b>    | <b>History</b> For the June mock there will be one exam (2 hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Exam Topics</b>         | <p><b><u>Democracy and Dictatorship in Germany</u></b></p> <ul style="list-style-type: none"> <li>• Know the difficulties faced by the Kaiser before WWI.</li> <li>• Know the consequences of WWI on Germany and the challenges faced by the new Weimar Government. E.g. Treaty of Versailles, Hyperinflation, Stresemann, Great Depression.</li> <li>• Know how Hitler became Chancellor and turned Germany into a dictatorship. E.g. propaganda and terror</li> <li>• Know the changes various groups faced under the Nazis. E.g. young people, women, workers, church, minorities, opposition groups.</li> <li>•</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p><b><u>Conflict and Tension in Asia</u></b></p> <ul style="list-style-type: none"> <li>• Know the origin of the Cold War after WWII.</li> <li>• Know how conflict spread from Europe to Korea and Vietnam.</li> <li>• Know the events and consequences of the Korean War. E.g. Northern advance, UN counter attack, Chinese intervention, Stalemate.</li> <li>• Know the events and consequences of the Vietnam War. E.g. First Indochina war, Civil War in South Vietnam, Americanisation, Vietnamisation, peace and aftermath.</li> </ul> |
| <b>Revision Resources</b>  | <p>GCSE Pod<br/>  <a href="https://www.gcsepod.com">https://www.gcsepod.com</a></p> <p>Kerboodle<br/>  <a href="https://www.kerboodle.com">https://www.kerboodle.com</a></p> <p><u>Afterschool history Support Sessions</u><br/> Every Friday in room 207</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Additional Guidance</b> | <p><b><u>Question types.</u></b><br/> There are various question types – 4. 8. 12, 16, 20 mark questions.<br/> The exam is 5 minutes per 4 marks. Make sure you allow yourself enough time to answer all the questions.<br/> Do not leave any questions that you are supposed to answer blank – the only way to ensure no marks is to leave it blank.</p> <p><b><u>Command words</u></b><br/> In your exam the exam questions will use a variety of command words. Make sure you read these carefully so you know how to approach the exam answer.<br/> For example state, describe, explain, assess.</p> <p><b><u>Source and interpretation skills.</u></b><br/> Both units of the exam will require you to complete either source (Asia) or interpretation (Germany) skills. With both types it is important to describe what you can see or read.<br/> With sources; please focus on what you can learn and what you can add from your own knowledge.<br/> With interpretations; please focus on what you can learn and how it matches with your own subject knowledge.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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| <b>Subject</b>             | <b>Geography GCSE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |
| <b>Exam Information</b>    | <ul style="list-style-type: none"> <li>For the end of year mock will be one exam (1 hour 30 minutes)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |
| <b>Exam Topics</b>         | <p><b><u>Urban Issues and Challenges</u></b></p> <p>Know how we can make our urban spaces more sustainable.<br/>Know what urban sprawl is.<br/>Know the opportunities and challenges of urban growth in an LIC/NEE (eg Rio)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p><b><u>The Living World</u></b></p> <p>Know how animals and plants can be adapted to their environment.<br/>Know the importance and value of the rainforest.<br/>Know the opportunities and challenges to development in a cold environment (eg Alaska)</p> | <p><b><u>UK Physical Landscapes</u></b></p> <p>Know some erosional and depositional landforms for rivers and coasts.<br/>Know some different management strategies for rivers and coasts and advantages and disadvantages.</p> |
| <b>Revision Resources</b>  | <p> GCSE Pod <a href="https://www.gcsepod.com">https://www.gcsepod.com</a></p> <p> BBC Bitesize <a href="https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc">https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc</a></p> <p><u>Afterschool Geography Support Sessions</u></p> <ul style="list-style-type: none"> <li>Every Friday in room 75</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |
| <b>Additional Guidance</b> | <p><b><u>Question types.</u></b></p> <p>There are various question types – 1, 2, 3, 4, 6 + 9 mark questions.<br/>Some questions will be multiple choice whereas as other will require full sentences. Check the space the examiner gives you as this will give you a clue as to how much you may need to write.<br/>The exam is ‘a minute a mark’. Make sure you allow yourself enough time to answer all the questions.<br/>Do not leave questions that you are supposed to answer blank – if you are not sure have a guess.</p> <p><b><u>Command words</u></b></p> <p>In your exam the exam questions will use a variety of command words. Make sure you read these carefully so you know how to approach the exam answer.<br/>For example state, describe, outline, suggest reasons, explain, assess.</p> <p><b><u>Map skills.</u></b></p> <p>In your mock a few marks will come from map skills. Make sure you know how to do 4 + 6 figure grid references, direction, distance and contours.</p> |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                |

The Canterbury Academy Trust  
Schools for all the Talents



# REVISION PLANNING

The secret to achieving our dreams is good preparation. If you spend a couple of hours planning when you will revise each subject, and **which specific topics you will revise**, you will be well prepared for the final exams, especially if you target your “red” areas more than once for revision, not forgetting to revise all topics at least once. You should also plan time for practice papers and marking these.

*In partnership with Simon Langton  Grammar School for Boys to provide a grammar school band for boys and girls in a comprehensive school for all the talents*

**EXAMPLE GRID:** This is an example of how you might want to personalise a timetable grid to your own personal circumstances. This particular timetable would be for a Saturday or Sunday or on a day in the school holidays

This model is based on 45 minute ‘chunks’.

- E.g. Revise **2** chunks in each block i.e. 20 minutes + 5 min break + 20 mins
- ‘Grey-out’ additional times when you will not be able to revise due to unavoidable commitments

|                | <b>9-9.45</b>                                           | <b>10-10.45</b>                 | <b>11-11.45</b>                           | <b>12-12.45</b>   | <b>Lunch</b>     | <b>2-2.45</b>               | <b>3-3.45</b>            | <b>4-4.45</b>                  | <b>5-5.45</b>                | <b>Evening</b>   |
|----------------|---------------------------------------------------------|---------------------------------|-------------------------------------------|-------------------|------------------|-----------------------------|--------------------------|--------------------------------|------------------------------|------------------|
| <b>Monday</b>  | Science:<br>1) Electronic structure<br>2) Ionic bonding | Geography:<br>(Insert 2 topics) | History:<br>(Insert 2 topics)             | (Insert 2 topics) | <b>Free Time</b> | Maths:<br>(Insert 2 topics) | RE:<br>(Insert 2 topics) | Business:<br>(Insert 2 topics) | French:<br>(Insert 2 topics) | <b>Free Time</b> |
| <b>Tuesday</b> | Science:<br>(Insert 2 topics)                           | English:<br>(Insert 2 topics)   | Resistant Materials:<br>(Insert 2 topics) | etc               |                  | Etc                         | etc                      | etc                            | etc                          |                  |











