**Year 11**

**Mock Trial Information**



**2019-2020**

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| **Drama** |  |  |
|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **Component 1** Understanding Drama  **1hr and 45 mins**.  Written Exam. Open Book. 80 marks. 40% of GCSE.  **Section A**: **Theatre roles and terminology:** multiple choice - **4** marks.  **Section B**: **Study of a set play**: four questions on a given extract from the set play – **44** marks.  **Section C**: **Live theatre production**: one question (from a choice) on the work of theatre makers in a single live theatre production – **32** marks. | **Component 1** Understanding Drama  **1hr and 45 mins**.  Written Exam. Open Book. 80 marks. 40% of GCSE.  **Section A**: **Theatre roles and terminology:** multiple choice - **4** marks.  **Section B**: **Study of a set play:** four questions on a given extract from the set play – **44** marks.  **Section C**: **Live theatre production**: one question (from a choice) on the work of theatre makers in a single live theatre production – **32** marks |
| **Topics to be covered** | **Section A: Theatre roles and terminology**  Roles and responsibilities of theatre practitioners in present day. E.g. Actor.  Stage positioning e.g. Centre Stage  Staging configuration e.g. Proscenium arch.  **Section B:** **Study of a set play**  **characteristics** and **context** of the **whole** play they have studied.  **One extract** from each set play is printed in the question paper. Students refer to extract and play as a whole.  Answer the questions from either a **Performer** (Actor) or a **Designers** (Lighting, Sound, Costume, Set) point of view. The questions are about how you might perform or light or costume or create a set for the extract (keeping in mind the play as a whole). You should answer all these questions in the first person i.e. “If I was playing the role of Mickey, **I** would say this line in a high-pitched scouse accent with a shocked expression on my face. “  **Section C**: **Live theatre production**:  Answer **one** question (from a choice of 3) on a live theatre production (The Curious Incident of the Dog in the night time.)  You may write about **Performance** skills (**Acting**) or **Design** skills (Set, Lighting, Sound, Costume).  You are being asked in this question to **analyse** (examine, think carefully about) and **evaluate** (give your thoughts and opinions on) either the acting or design skills that you have seen used in the production and say how successfully they were used to communicate meaning to the audience. | **Section A: Theatre roles and terminology**  Roles and responsibilities of theatre practitioners in present day. E.g. Lighting Designer.  **Section B: Study of a set play**  **characteristics** and **context** of the **whole** play they have studied.  **One extract** from each set play is printed in the question paper. Students answer questions relating to that extract but referring to the play as a whole.  Answer the questions from either a **Performer** (Actor) or a **Designers** (Lighting, Sound, Costume, Set) point of view. The questions are about how you might perform or light or costume or create a set for the extract (keeping in mind the play as a whole). You should answer all these questions in the first person i.e. “If I was playing the role of Mickey, **I** would say this line in a high-pitched scouse accent with a shocked expression on my face “  **Section C**: **Live theatre production**:  In this section students answer **one** question (from a choice of 3) on a live theatre production (The Curious Incident of the Dog in the night time.)  You may write about **Performance** skills (**Acting**) or **Design** skills (Set, Lighting, Sound, Costume).  You are being asked in this question to **analyse** (examine, think carefully about) and **evaluate** (give your thoughts and opinions on) either the acting or design skills that you have seen used in the production and say how successfully they were used to communicate meaning to the audience. |

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| **English/English Literature** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **Component 2 Literature paper**  2 hours  The paper will consist of four questions.  **Section A**  Macbeth – extract questions  (20 mins – 15 marks)  Macbeth – character/theme essay question  (40 mins – 25 marks)  **Section B**  Analysis of one Anthology poem – (20 mins – 15marks)  Compare poem with one other poem from Anthology –  (40 mins – 25 marks) | **Language Component2 - 2 hrs.**  **Section A** – two non-fiction texts. One text will be 21st century, the other will be 19th century.  (One hour – 40 marks)  **Section B**  Write two texts.  (one hour – 40 marks)  . |
| **Topics to be covered** | **Macbeth - Characters**  Lady Macbeth  Macbeth  Banquo  **Themes**  Violence  Ambition  **Poetry Anthology**   |  |  | | --- | --- | | **Nature poems** | **Love poems** | | Death of a Naturalist | Cosy Apologia | | The Prelude | Valentine | | Hawk Roosting | Sonnet 43 | | To Autumn | Afternoons | | As Imperceptibly as Grief | She Walks in Beauty | | London |  | | Living Space |  | | **Section A – Reading**  A02 – Writers’ Craft.  How does the writer use words to create a certain effect?  A04 – Personal response  What do you think and feel?  A03 – Comparison. How are the writers’ views similar and different?  **Section B – writing**  Formal letter  Informal letter  Article  Review  Leaflet  Report  Speech |
| **Revision topic** | **Lady Macbeth** | **How to write an effective speech?** |
| **Revision technique** | **Key quotations.**  Power-point provided of key quotations. | **Mind-map.** |

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| **Art** | **Mock exam = Sept – Dec Project** | **Final exam (inc Trial) = Jan – May Project** |
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| **Project**  **Length**  **Breakdown**  **Overview.** | **“Church Topic”**  4 Months  The project will consist of a full sketchbook and two outcomes (e.g. a pot/drawing). The Mock will be based on the partially completed (approximately 75%) sketchbook and first outcome.  **When marked this entire project and all Y10 work submitted will make up 60% of the final grade.**  **Sketchbook:**  **Drawing, research and opinions relating to the student’s chosen theme/interpretation and several relevant artists (Approximately 10 pages).**  **Original drawings and experiments with art media that link to the theme and artists chosen (Approximately 8 pages).**  **A series of draft designs as well as a final design, completed photo and evaluation of the final outcomes (Approximately 7 pages).**  **Outcome 1 (Artwork in any relevant media).**  **Outcome 2 (Artwork in any relevant media).** | **Externally Set Assignment**  3 Months  The ESA will consist of a full sketchbook (there will be a slight reduction in the number of pages), a trial outcome and a final outcome. The trial grade will be based on the partially completed (approximately 75%) sketchbook and trial outcome. The final exam mark will be based on the fully completed sketchbook and both outcomes.  **When marked this entire project will make up 40% of the final grade.**  **Sketchbook:**  **Drawing, research and opinions relating to the student’s chosen theme/interpretation and several relevant artists (Approximately 10 pages).**  **Original drawings and experiments with art media that link to the theme and artists chosen (Approximately 5 pages).**  **A series of draft designs as well as a final design, completed photo and evaluation of the final outcomes (Approximately 8 pages).**  **Outcome 1 (Artwork in any relevant media).**  **Outcome 2 (Artwork in any relevant media).**  . |
| **Topics to be covered** | **The Student interprets the theme of “Church” in their own way. They must ensure they look at the work of other artists.** | **The Student chooses one of the seven Exam themes and bases their project around it. They must ensure they look at the work of other artists, examples are suggested on the exam paper.** |
| **Assessment objectives**  All coursework and Exam work will be assessed against these four objectives. | **AO1**   Have you **RESEARCHED** and **developed your ideas** from a starting point to a final piece?   Have you made **mind-maps**, **sketches** and studies **related to** the work of other **artists**, showing an **understanding** of their work?    Have you **thought about** and **developed** your **own ideas?**  **AO2**   Have you chosen **a selection of materials** that relate to the artists being looked at?  (Paint, pencil, digital, oil pastel, clay etc.)   Have you experimented with a variety of different materials throughout your sketchbook?   Have you made sure all your pieces of work are the best they can be?  Have you made **work better** by getting rid of the bad bits?   Have you chosen from what **went well** and **developed THOSE ideas further**?  **AO3**   Have you showed your **ideas** by **making links through drawing and writing?**   Have you **recorded ideas** by **sketching** objects or **drawing** from pictures that are **RELEVANT** to your theme using pencil, pen and any other materials?  **AO4**   Does your final piece or pieces sum up everything and tie up loose ends?   Is it clear that everything else has led up to this point?   **Does it** look like you know the reasons **WHY** you have made this your final piece?   Have you made **clear connections** between your work and the work of artist/s studied throughout? | |
| **Sketchbook**  **Techniques** | Mind Maps to develop ideas.  Printed images of the theme or artist.  Tonally shaded drawing based on research of the chosen theme or artist.  Student opinions, printed images and sketches of the chosen artist’s work.  Original drawing where the student is creating their own ideas based on the artist or theme.  Artwork in other medias, such as paint, Photoshop, collage, photographs, watercolour, pen, Brusho, ink or oil pastel. These could be used to create the image or as decoration.  Compositions = a mix of several images placed together to create a full page image.  Draft and final designs for a final outcome.  **Sketchbook pages should be annotated when needed – to explain the student’s thinking if it is not clear through the imagery.** | |

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| **Geography** |  |  |
|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **2 Hours (2 x 1 Hour)**  **Paper 1 (1 Hour)**  Physical Geography  **Paper 2 (1 Hour)**  Human Geography  Fieldwork | **2 Hours (2 x 1 hour)**  **Paper 1 (1 Hour)**  Physical Geography  **Paper 2 (1 Hour)**  Human Geography |
| **Topics to be covered** | **Paper 1**   1. Global Warming (Mitigate/Adapt) 2. Extreme weather in the UK – Impact of flooding 3. Effects of tropical storms (primary/secondary) 4. Why do we live in areas of hazard risk? 5. Managing to reduce effects of hazards. 6. Tropical rainforests – distribution 7. Desert CLIMATE 8. Desert adaptations 9. CAUSES of desertification 10. Tropical rainforests – sustainable management 11. Hard coastal landforms (arches, stacks etc.) 12. Glaciation   **Paper 2**   1. Urbanisation LIC 2. Reasons for growth of urban areas LIC 3. Social/Economic OPPORTUNITIES (Rio) 4. Urban Sprawl (HIC Challenges) 5. Transport management HIC transport scheme 6. Regeneration   **Fieldwork skills** (information to come) | **Paper 1** – Physical (1 hour)  **Paper 2** – Human (1 hour)  **Paper 1 topics**   1. Distribution of earthquakes 2. Effects of earthquakes – differences between LIC and HIC 3. Climate change – causes 4. Climate change – reduce effects (mitigation) 5. Is monitoring/prediction the best method of reducing the effects of tropical storms? 9 marks 6. Tropical rainforests – layers, characteristics and data response 7. Deforestation – causes and importance of the nutrient cycle in forests 8. Hot deserts – management to reduce the impacts of development 9. Hard coastal landforms 10. Why do coastlines need protection? 11. Soft engineering – explain strategies 12. Glaciation   **Paper 2 topics**   1. Why is there rapid urbanisation in LICs (megacities) 2. Mapwork – inner city and congestion 3. How can urban regeneration reduce deprivation?-example 4. Sustainable Urban Living – explain HOW features are sustainable (London) 5. Urban planning strategy to improve life of urban poor in LIC – Mumbai? 9 marks 6. Development indicators – relationship scattergraph and line of best fit 7. How does economic development affect quality of life? 8. Reasons for deindustrialisation in UK and growth of services 9. How can industry be made more sustainable? 10. Evaluate the effectiveness of tourism in reducing the development gap – 9 marks 11. Why does food preference create large carbon footprint and why should we source locally? 12. Food – Sustainable Production |
| **Revision technique** | **Revision Checklists/guides**  **Revision and case-study cards** | **Revision Checklists/guides**  **Revision and case-study cards** |

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| **History** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **Thematic Study and historic environment – Warfare and British Society – 1250 – present and London and the Second World War. 1 hour and 15 minutes.**  Section A – London and the Second World War, 1939 – 1945.  There are 3 questions in this section – a ‘Describe two features’ question (4 marks), a ‘How useful’ question (8 marks) and the question which asks you which source you would use to undertake further research into a particular area of the Blitz (4 marks).  Section B – Warfare and British Society, 1250 – present.  There are 3 questions in this section of the paper as well. ‘Explain a similarity or difference’ (4 marks), an ‘ Explain why’ question (12 marks) and a ‘Do you agree’ essay (16 marks). | **Period study and British depth study.**  **Superpower relations and the Cold War 1941 – 1991 and Anglo Saxon and Norman England, 1060 – 1088.**  Section A – Superpower relations and the Cold War, 1941 – 1991  There are 4 questions in this section of the paper. An ‘Explain two consequences’ question (8 marks), the ‘Analytical narrative’ question (8 marks) and then 2 ‘Explain the importance’ questions (8 marks each).  Section B – Anglo – Saxon and Norman England, 1060 – 1088  There are 3 questions on this section of the paper. A ‘Describe two features’ question (4 marks), an ‘Explain why’ question (12 marks) and a ‘Do you agree’ essay (16 marks |
| **Topics to be covered** | Remember that this part of the course is **thematic** – this means that it designed to be broken up into time periods to allow you to identify what has changed about warfare over time, what has remained the same and why these changes have taken place.  You will need to revise the **nature** (weapons, composition of armies, strategy, tactics and battle case studies) and **experience** (recruitment, training, impact of warfare on civilians) of warfare for the following time periods:  - 1250 – 1500  - 1500 – 1700  - 1700 – 1850  - 1850 – 1900  - 1900 to present | There is quite a lot to cover factually for this exam as it includes 2 of the 4 units which you have been taught. For the Saxon / Norman section make sure you have a clear understanding of the narrative of the period. Break it up into the 5 sections which are shown on your course planner which you were given back in Year 10 – What was Anglo Saxon England like? What happened in 1066? Was William successful in gaining control of England by 1075? To what extent did the Normans change England? What happened after the death of William the Conqueror? Make these your ‘overview’ questions but remember that lots of smaller events go into answering each one.  For the Cold War period you will need to revise each of the events of Development of the Cold War, Crises of the Cold War and End of the Cold War sections of your course to give you a good level of factual understanding (so you can answer the analytical narrative question) but your main focus should be on **consequences** – what makes each event important is worsening or improving the relationship between the USA and the USSR. |
| **Revision technique** | With the thematic unit, it is vital that you have a really strong grasp of the factual details and are able to compare the features of the different time periods to identify what the differences and similarities are and that you can explain why changes have taken place.  1.Use the overview grid identify similarities and differences between the time periods  2. Use the core knowledge notes to make your own revision cards for each of the features and time periods listed above, try to memorise them and use family or friends to test you on your recall.  3. Listen to the podcasts which are saved on the school portal.  4. Complete the fact tests several times to help you memorise the answers.  5. Complete as many practice exam questions as you can – ask your teacher for some examples to get you started. | In addition to the things you should be doing for your factual revision (using your core knowledge notes, making your own revision cards, self and peer testing, completing the fact test, listening to our podcasts) you should be devoting more time to answering practice questions. By the trial exams you will have been given a big booklet of practice questions and you need to do as many as you can. You only really learn things when you have to apply your knowledge and exam questions are the best way of doing this so those who do well in their History GCSE tend to have revised by focussing on the exam technique and by practicing as many questions as they can. |

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| **Computer Science Mock: Revision Topics & Practice Questions** | | | |
| **Mock Exam** | | **Trial Exam** | |
| **Algorithms**  To be able to identify the following key concepts:   * + sequence   + Selection   + Iteration   **Iteration**   * Count Controlled iteration   + For Loop * Condition Controlled Iteration   + While Loop   + Do … Until Loop   **Boolean Logic**   * Logic Gates * Truth Tables * Logic Statements * Logic Circuits   **Data Types and Structures**   * Data Types   + String   + Character   + Integer   + Float/ Real   + Boolean   + Date/ Time * To be able to use pseudo code to:   + To create a 1D array   + To add or append to an array   + To add together the contents of an array * 2D arrays   + To read the contents of a 2D array   + To write pseudo code to insert a value into a 2D array. * Databases   + What is a…     - Record     - Field     - Table   **Searching and Sorting**   * To know the difference between the three sorting algorithms. * To be able to outline the steps of each algorithm and show changes occurring to sort the list.   + Bubble Sort   + Insertion Sort   + Merge Sort   **Input and Output**   * What is validation? * Outline three examples of validation.   + Presence/ Range/ Length * To be able to explain what a modulus check digit is and how it is used. * Outputting to a file   + Why is this useful? * How do you write to a text file in pseudocode   **Binary and Hexadecimal**   * Converting Binary -> Denary and vice versa * Converting Binary -> Hex and vice versa * Groups of bits   + E.g. how many bits in a MB etc * Binary Addition * Binary Shifts (Left/ Right)   **Binary** **Representation**   * What is ASCII/ Extended ASCII/ Unicode * How are images represented? * Explain the step of sound sampling   **Problem Solving**   * What is the difference between the following?   + Function   + Procedures * Write pseudocode to create a function.   **Programming Questions**   * Variables/Constants * IF statements * Nested IF Statements * Loops * Functions/Procedures * Arrays/2D arrays   File Handling | | **Paper 2 – Computational Thinking, Algorithms and Programming**  **Algorithms**   * Programming Constructs * Sequence, Selection and Iteration * Variables/ Constants   **Iteration**   * Count Controlled   + FOR * Condition Controlled   + While   + Do…until * Definite and Indefinite iteration * Infinite iteration   **Boolean Logic**   * Logic Gates * Logic Circuits * Truth Tables * Boolean Algebra Expressions   **Data Types and Structures**   * Data types * SQL   **Searching and Sorting**   * Bubble Sort * Insertion Sort * Merge Sort * Linear and Binary Search   **Problem Solving**   * Functions/ Procedures   + Difference between function and procedure   + Benefits of sub programs * Arguments and Parameters * Local and Global variables   **Binary and Hexadecimal**   * Binary Conversions * Binary Shifts   **Binary Representation**   * ASCII * Difference between ASCII and Extended ASCII * Why do we need extended ASCII   **Programming Languages**   * High level * Low lever * IDE   **Paper 1 – Computer Systems**  **Hardware**   * Storage * Von Neumon Architecture * Register * CPU * RAM   **Software**   * Backup * Utility Software   **Ethics**   * Creative commons license   **Network**   * PAN/ LAN/ WAN * Ethernet vs WIFI * Components of a network * Domain Name Server * Protocols and layers   + HTTP/ SMTP/ IMAP * Packet switching   **Security**   * Threats   **Ethics**   * Stakeholders * Technology * Environment   + How does technology impact the environment in both a positive and negative way? * Ethics/ Law   + Computing 10 commandments   Legislation i.e. GDPR | |
| **Music** | **Mock exam** | | **Trial exam** | |
| **Paper length/component**  **Overview.** | **Component 3 Listening & Appraising**  The paper will consist of eight questions.  Each question is worth 12 marks  2 of the 8 questions will be on the studied set works  1 of the 8 questions will be a written response to a piece of music requiring you to comment on musical elements and devices used.  5 of the 8 questions will be general listening questions on unprepared pieces of music. | | **Component 3 Listening & Appraising**  The paper will consist of eight questions.  Each question is worth 12 marks  2 of the 8 questions will be on the studied set works  1 of the 8 questions will be a written response to a piece of music requiring you to comment on musical elements and devices used.  5 of the 8 questions will be general listening questions on unprepared pieces of music. | |
| **Topics to be covered** | **Q1&2 AoS1 Musical Forms & Devices** (including Eine Kleine Nachtmusik set work)  **Q3&4 AoS2 Music for Ensemble** (keep in mind the three specified areas of music: Chamber music, Jazz & Blues, Musical Theatre)  **Q5&6 AoS3 Music for film**  **Q7&8 AoS4 Popular Music** (including Rainbow; Since You Been Gone set work) | | **Q1&2 AoS1 Musical Forms & Devices** (including Eine Kleine Nachtmusik set work)  **Q3&4 AoS2 Music for Ensemble** (keep in mind the three specified areas of music: Chamber music, Jazz & Blues, Musical Theatre)  **Q5&6 AoS3 Music for film**  **Q7&8 AoS4 Popular Music** (including Rainbow; Since You Been Gone set work) | |
| **Revision topic** | **Eine Kleine Nachtmusik – Mozart & Since You Been Gone – Rainbow.** | | **Written response** | |
| **Revision technique** | Study annotated score and revise facts from factual test on the topic.  Create a mind map of each set work using Dr. P. Smith method. | | Listen to examples of film music and practise using Dr. P. Smith method to write an analysis of the music. *Make sure you explain why each musical element helps portray a specific mood, feeling or character.* | |

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| **GCSE - Physical Education** | | |
|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **Paper 1 – Physical factors affecting performance**  **Paper 2 – Socio-cultural issues and sport psychology**   * Both papers are 45 minutes * Both papers are marked out of 45 * Mixture of short and long answer questions * No specific sections for the paper. * Question types are: * **AO1** – Identify, state, name, describe, outline and define * **AO2** – Practical/Sporting Examples, Apply, Compare & Suggest * **AO3** – Analyse, Evaluate, Justify, Explain & Discuss * One synoptic question on each paper which will have a cross over topic (with a topic from the other paper) | **Paper 1 – Physical Factors affecting performance**  **Paper 2 – Socio-cultural issues and sport psychology**   * Both papers are 60 minutes * Both papers are marked out of 60 * Mixture of short and long answer questions * No specific sections for the paper. * Question types are: * **AO1** – Identify, state, name, describe, outline and define * **AO2** – Practical/Sporting Examples, Apply, Compare & Suggest * **AO3** – Analyse, Evaluate, Justify, Explain & Discuss   One synoptic question on each paper which will have a cross over topic (with a topic from the other paper) |
| **Topics to be covered** | **Paper 1 – Physical factors affecting performance**   * Skeletal system * Muscular System * Movement Analysis * Cardiovascular & respiratory systems * Effects of exercise * Components of fitness * Principle of training * Preventing injury   **Paper 2 – Socio-cultural issues and sports psychology**   * Engagement patterns * Commercialisation * Ethical and socio-cultural issues | **Paper 1 – Physical factors affecting performance**   * Skeletal system * Muscular System * Movement Analysis * Cardiovascular & respiratory systems * Effects of exercise * Components of fitness * Principle of training * Preventing injury   **Paper 2 – Socio-cultural issues and sports psychology**   * Engagement patterns * Commercialisation * Ethical and socio-cultural issues * Sports Psychology * Health, Fitness & well-being |
| **Revision topic** | Question type – What is asking for?  Is it an AO1, AO2 or AO3? | Use mock ‘team talk’ to see where you may have fallen short? |
| **Revision technique** | Create **mind maps** for each topic area. | **Read** – Go through your notes  **Rest** – Have a break and see if it sticks  **Test** – Try and exam question  **Review** – See how you have done |
| **Cambridge Nationals in Sports Studies** | | |
|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **Paper 1 – R051 Contemporary issues in sport**   * Papers is 60 minutes * Papers is marked out of 60 * Mixture of short and long answer questions * No specific sections for the paper. * All of the four topic areas will be assessed in the paper, the proportion is unknown | No trial exam as actual GCSE is sat in January. Coursework units to be submitted in May. |
| **Topics to be covered** | **Paper 1 – R051 Contemporary issues in sport**   * **LO1 –** User groups, barriers, solutions, popularity of sport and emerging sports * **LO2 –** Values in sport, Olympic values, Paralympic values, initiatives that promote values, sporting etiquette (Sportsmanship, gamesmanship & cheating) & Drugs in sport * **LO3 –** Hosting a major sporting event (benefits and drawbacks) * **LO4 –** Roles of NGB’s (Development, Infrastructure, Promotion, Policies, Support & Funding) |
| **Revision topic** | Extended question likely topics:-   * **LO2** – Values * **LO3** – Hosting a major sporting event * **LO4** – Roles of NGB’s |
| **Revision technique** | Create **mind maps** for each topic area.  **Read** – Go through your notes  **Rest** – Have a break and see if it sticks  **Test** – Try and exam question  **Review** – See how you have done |

**Revision topics – Religious Studies**

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|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **1 paper**  1hr 45 minutes  The paper will consist of four sections.  Each section contains 5 questions you must answer.  You should spend **25 minutes** on each section leaving **5 minutes** to read and check your answers. | **Paper 1**  Catholic Christianity  1Hr 45 minutes  **Paper 2Y**  Perspectives on faith (Judaism)  **Paper 2A**  Perspectives on faith (Themes)  **You will have 1Hr 45 minutes to complete both the Judaism and Themes papers.** |
| **Units to be covered** | **Section 1**  Triune God, mission and prayer  **Section 2**  Eschatology  **Section 3**  Religion, relationships and families  **Section 4**  Religion, peace and conflict | **Paper 1 – Catholic Christianity**  **Section 1**  Creation  **Section 2**  Triune God, mission and prayer  **Section 3**  Redemption  **Section 4**  **Church and the Kingdom of God**  **Paper 2Y – Perspectives on faith**  **Section 1**  Judaism Beliefs  **Section 2**  Judaism Practices  **Paper 2A – Perspectives on faith**  **Theme A**  Religion, relationships and families  **Theme B**  Religion, peace and conflict |
| **Revision topic** | **Just War and Scripture** | **Judaism Practices** |
| **Revision technique** | **Mnemonic and images.** | **Round the clock revision summary using power point slides shared on Y11 group email.** |

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| **Combined Science** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | Biology Paper 1  1 hour 15 minutes  70 marks  Chemistry Paper 1  1 hour 15 minutes  70 marks  Physics Paper 1  1 hour 15 minutes  70 marks | Biology Paper 2  1 hour 15 minutes  70 marks  Chemistry Paper 2  1 hour 15 minutes  70 marks  Physics Paper 2  1 hour 15 minutes  70 marks |
| **Topics to be covered** | Biology  Unit 1 – Cell Biology  Unit 2 – Organisation  Unit 3 – Infection and Response  Unit 4 – Bioenergetics (Photosynthesis and Respiration)  Chemistry  Unit 1 – Atomic Structure and the Periodic Table  Unit 2 – Bonding, Structure and the Properties of Matter  Unit 3 – Quantitative Chemistry  Unit 4 – Chemical Changes  Unit 5 – Energy Changes  Physics  Unit 1 – Energy  Unit 2 – Electricity  Unit 3 – Particle Model of Matter  Unit 4 – Atomic Structure | Biology  Unit 5 – Homeostasis and Response  Unit 6 – Inheritance, Variation and Evolution  Unit 7 – Ecology  Chemistry  Unit 6 – The Rate and Extent of Chemical Change  Unit 7 – Organic Chemistry  Unit 8 – Chemical Analysis  Unit 9 – Chemistry of the Atmosphere  Unit 10 – Using Resources  Physics  Unit 5 – Forces  Unit 6 – Waves  Unit 7 – Magnetism and Electromagnetism |
| **Revision topic** | All paper one topics | All paper two topics |
| **Revision technique** | - Watch Free Science Lessons for the specific topic - Use Seneca Learning to review the content. - Use the resources on Y11 SEA drive to review the content and ask someone else to test you on it.  - Complete practice exam questions. | - Watch Free Science Lessons for the specific topic - Use Seneca Learning to review the content. - Use the resources on Y11 SEA drive to review the content and ask someone else to test you on it.  - Complete practice exam questions. |

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| **Triple Science** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | Biology Paper 1  1 hour 45 minutes  100 marks  Chemistry Paper 1  1 hour 45 minutes  100 marks  Physics Paper 1  1 hour 45 minutes  100 marks | Biology Paper 2  1 hour 45 minutes  100 marks  Chemistry Paper 2  1 hour 45 minutes  100 marks  Physics Paper 2  1 hour 45 minutes  100 marks |
| **Topics to be covered** | Biology  Unit 1 – Cell Biology  Unit 2 – Organisation  Unit 3 – Infection and Response  Unit 4 – Bioenergetics (Photosynthesis and Respiration)  Chemistry  Unit 1 – Atomic Structure and the Periodic Table  Unit 2 – Bonding, Structure and the Properties of Matter  Unit 3 – Quantitative Chemistry  Unit 4 – Chemical Changes  Unit 5 – Energy Changes  Physics  Unit 1 – Energy  Unit 2 – Electricity  Unit 3 – Particle Model of Matter  Unit 4 – Atomic Structure | Biology  Unit 5 – Homeostasis and Response  Unit 6 – Inheritance, Variation and Evolution  Unit 7 – Ecology  Chemistry  Unit 6 – The Rate and Extent of Chemical Change  Unit 7 – Organic Chemistry  Unit 8 – Chemical Analysis  Unit 9 – Chemistry of the Atmosphere  Unit 10 – Using Resources  Physics  Unit 5 – Forces  Unit 6 – Waves  Unit 7 – Magnetism and Electromagnetism  Unit 8 – Space Physics |
| **Revision topic** | All paper one topics | All paper two topics |
| **Revision technique** | - Watch Free Science Lessons for the specific topic - Use Seneca Learning to review the content. - Use the resources on Y11 SEA drive to review the content and ask someone else to test you on it.  - Complete practice exam questions. | - Watch Free Science Lessons for the specific topic - Use Seneca Learning to review the content. - Use the resources on Y11 SEA drive to review the content and ask someone else to test you on it.  - Complete practice exam questions. |

**Revision topics – Food and Nutrition**

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|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **1hr 30 minutes**  **Section A (20 marks)**  This consists of 20 multiple choice questions testing general food and nutrition knowledge.  **Section B (80 marks)**  This section consists of extended questioning ranging from 2 to 12 mark questions. | **1hr 45 minutes**  **Section A (20 marks)**  This consists of 20 multiple choice questions testing general food and nutrition knowledge.  **Section B (80 marks)**  This section consists of extended questioning ranging from 2 to 12 mark questions. |
| **Revision topic** | * Food safety * Nutritional comparison of two meals for the elderly. * Dietary Fibre * Sauce making * Gelatinisation * Raising agents * Organic food * Genetically Modified Food * Herat treatment of milk * Food additives | * Planning meals * Cooking methods of potatoes * Nutritional comparison of two meals for an active adult. * Water in the body * Micronutrients * Denaturing and coagulation * Enzymic browning * Food labelling * Problems and preparation of food preparation * Food waste * Fortification of foods |
| **Revision technique** | **A guided PowerPoint of revision topics will be provided for the students.**  **PEEL**  Point – use the key words in the question to answer the question.  Explain – explain your point by adding more detail to your point.  Example – try to give an example that supports your answer.  Link – if possible link your answer back to the question | **A guided PowerPoint of revision topics will be provided for the students.**  **PEEL**  Point – use the key words in the question to answer the question.  Explain – explain your point by adding more detail to your point.  Example – try to give an example that supports your answer.  Link – if possible link your answer back to the question |

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| **D&T** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | 1.5 hours  Written exam 50%  SECTION A – core technical principles (multiple choice questions)  SECTION B – specialist technical principles  SECTION C – designing and making principles  Each section may contain some **maths** questions making approximately 20% of the total marks. This may include percentages, ratio and Pythagoras theorem. | 2 hours  Written exam 50%  SECTION A – core technical principles (multiple choice questions)  SECTION B – specialist technical principles  SECTION C – designing and making principles  Each section may contain some **maths** questions making approximately 20% of the total marks. This may include percentages, ratio, area, volume and Pythagoras theorem. |
| **Topics to be covered** | * Energy sources and generation * Material properties (including composite, textiles, timbers, metals, plastics) * Gears and linkages * Sustainability, 6Rs and planned obsolescence * Motion * Energy storage * Electronic systems/ products * Components * Aesthetic and functional considerations when designing * Surface finishes and treatments * Commercial manufacturing processes (eg. Casting, moulding) * Production aids to help accuracy/ speed/ quality (eg. Jigs)   Designing principles question:   * types of research * specification * evaluating products * materials waste and nesting * ergonomics and anthropometrics * designers (ensure you know one in detail) * modelling techniques * use of computers/ CADCAM | * Energy sources and generation * Material properties and origins (including composite, textiles, timbers, metals, plastics, boards) * Processing raw materials (eg. Trees to paper process) * Scales of production (batch, JIT…) * Modern and smart materials * Gears and linkages * Forces and types of motion * Sustainability in design * Energy storage * Electronic systems/ products * Components * Manufacturing processes (laminating, printing, soldering) * Quality control and assurance/ production aids * Designing for maintenance   Designing principles question:   * specification * evaluating products * tolerances * materials waste and nesting * health and safety * ergonomics and anthropometrics * design strategies (iterative, collaborative, user centred) * surface finishes * functional and aesthetic considerations * drawing techniques * prototyping |
| **Revision technique** | PG online powerpoints, worksheets and learning mats in personal theory folder.  SENECA learning  Revision guides  Technology student website | PG online powerpoints, worksheets and learning mats in personal theory folder.  SENECA learning  Revision guides  Technology student website |

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| **FRENCH** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview** | **Speaking**  **Foundation Tier** 7-9 minutes  + 12 minutes preparation time  **Higher Tier** 10-12 minutes  + 12 minutes preparation time  **Listening**  **Foundation Tier** 35 minutes  + 5 minutes reading time  **Higher Tier** 45 minutes  + 5 minutes reading time  **Reading**  **Foundation Tier** 45 minutes  **Higher Tier** 1 hour  **Writing**  **Foundation Tier** 1 hour  **Higher Tier** 1 hour 15 minutes | **Speaking**  **Foundation Tier** 7-9 minutes  + 12 minutes preparation time  **Higher Tier** 10-12 minutes  + 12 minutes preparation time  **Listening**  **Foundation Tier** 35 minutes  + 5 minutes reading time  **Higher Tier** 45 minutes  + 5 minutes reading time  **Reading**  **Foundation Tier** 45 minutes  **Higher Tier** 1 hour  **Writing**  **Foundation Tier** 1 hour  **Higher Tier** 1 hour 15 minutes |
| **Topics to be covered** | * Marriage * Relationships with family * Houses * Food and drink * Restaurants * Shopping * Health and fitness * Mobile phones / social media * festivals and celebrations * Music / concerts * Films * Holidays * Environment * Social problems (homelessness) * School * Plans for life after school * University * Jobs * Voluntary work | * Relationships * Friendships * Healthy lifestyle * Food / Veganism * Restaurants * Sport * Music / concerts * TV programmes * Social media * Festivals and celebrations * Holidays * Description of a town / village * Places in the town * Social Problems (poverty) * Environment * School * Apprentiships * Jobs * Voluntary work |
| **Revision technique** | For the **speaking exam**: revise key role-play and photo phrases and learn your conversation answers.  For the **listening and reading exams**: revise vocabulary on all of the topics above. Use Quizlet to practise.  For the **writing exams**: practice writing sentences including past, present and future verbs and opinions on each of the key topic areas. | |
| **SPANISH** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview** | **Speaking**  **Foundation Tier** 7-9 minutes  + 12 minutes preparation time  **Higher Tier** 10-12 minutes  + 12 minutes preparation time  **Listening**  **Foundation Tier** 35 minutes  + 5 minutes reading time  **Higher Tier** 45 minutes  + 5 minutes reading time  **Reading**  **Foundation Tier** 45 minutes  **Higher Tier** 1 hour  **Writing**  **Foundation Tier** 1 hour  **Higher Tier** 1 hour 15 minutes | **Speaking**  **Foundation Tier** 7-9 minutes  + 12 minutes preparation time  **Higher Tier** 10-12 minutes  + 12 minutes preparation time  **Listening**  **Foundation Tier** 35 minutes  + 5 minutes reading time  **Higher Tier** 45 minutes  + 5 minutes reading time  **Reading**  **Foundation Tier** 45 minutes  **Higher Tier** 1 hour  **Writing**  **Foundation Tier** 1 hour  **Higher Tier** 1 hour 15 minutes |
| **Topics to be covered** | * Relationships and marriage * Relationships with family * Friendships / personal qualities * Free Time * Modern technology * Social media * TV / films * Music * Food * Healthy lifestyle * Sport * Smoking * Traditions / festivals in Spain * Holidays * Description of a town * Things to do in town * Weather * Environment * School * Jobs and Career choices | * Relationships and marriage * Relationships with family * Friendships * Customs and festivals * New technology * Free time activities * Healthy and unhealthy living * Food / veganism * Cinema / TV * Home and town * Holidays * Environment * Tourism / places to visit * School * Bullying at school * Plans for life after school * Vocational studies * Jobs / job applications * Voluntary work |
| **Revision technique** | For the **speaking exam**: revise key role-play and photo phrases and learn your conversation answers.  For the **listening and reading exams**: revise vocabulary on all of the topics above. Use Quizlet to practise.  For the **writing exams**: practice writing sentences including past, present and future verbs and opinions on each of the key topic areas. | |

**Revision topics – Child Development**

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|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | 1 hour 15 min  Section A - 3 questions totalling 40 marks  Section B – 3 questions totalling 40 marks  All question will be generate from R018 topics | Pupils complete their actual exam in January so don’t do a trial exam. |
| **Topics to be covered** | Unit 1 - Pre conception  Unit 1 - Contraception  Unit 1 - Development of a baby  Unit 1 and 2 -Fathers role  Unit 1 and 3 - Children’s development needs  Unit 2 Health professionals  Unit 2 - Stages of labour  Unit 2- Testing during pregnancy  Unit 3 - Routine checks after birth  Unit 3 and 4 - Premature birth  Unit 4 - Childhood illnesses  Unit 5 - Children Safety |  |
| **Revision topic** | All 5 units from R018 |  |
| **Revision technique** | Use of Presentation notes  Revision learning Mats  Personal revision notes |  |

**Revision topics – BTEC Health and Social Care**

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|  | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | **Component 3 – Health and Wellbeing**  2 hours  The paper will consist of six questions.  **Section A**  *Assessing Health and Wellbeing*  Answering questions based on the case study and reading data  (30 marks – 1 hour)  **Section B**  *Design a Health and wellbeing improvement plan*  Plan short term and long term targets  Overcome obstacles  (30 marks – 1 hour) | Pupils complete their actual exam in January so don’t do a trial exam. |
| **Topics to be covered** | Positive and negative effects on   * Social factors * Cultural factors * Lifestyle factors * Environmental factor   Emotional wellbeing  Social wellbeing  Lifestyle data  BMI  Resting pulse - heart rate (BPM)  Short and Long term targets for   * Making friends * Having more fun * Try wider range of foods   Obstacles and how they can be overcome |  |
| **Revision topic** | **All of component 3** |  |
| **Revision technique** | Mind map  Practice exam questions  Revision notes  Learning mat |  |

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| **Mathematics** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | 3 papers; each 1hr 30 mins and worth 80 marks  Paper 1 will be Non-Calculator  Paper 2 and 3 will be Calculator  A scientific calculator will be needed for Paper 2 and 3.  Other equipment needed for all papers will be a ruler, protractor and pair of compasses. | 3 papers; each 1hr 30 mins and worth 80 marks  Paper 1 will be Non-Calculator  Paper 2 and 3 will be Calculator  A scientific calculator will be needed for Paper 2 and 3.  Other equipment needed for all papers will be a ruler, protractor and pair of compasses. |
| **Topics to be covered** | All content could be included across all 3 papers. | All content could be included across all 3 papers. |
| **Revision topic** | Refer to the revision list included.  Make sure you follow the list for the correct tier (higher or foundation) | Refer to the revision list included. (tbc nearer to trials)  Make sure you follow the list for the correct tier (higher or foundation) |
| **Revision technique** | Learn formulas and how to use them. Learn general skills and practice answering lots of questions. Learn how to apply your skills to problem solving and reasoning questions and practice lots.  The best way to revise maths is to do maths!  MathsWatch interactive questions and video tutorials.  [www.vle.mathswatch.co.uk](http://www.vle.mathswatch.co.uk)  Revision guide and workbook (if purchased)  Y11 One Drive includes a folder of resources to use. | Learn formulas and how to use them. Learn general skills and practice answering lots of questions. Learn how to apply your skills to problem solving and reasoning questions and practice lots.  The best way to revise maths is to do maths!  MathsWatch interactive questions and video tutorials.  [www.vle.mathswatch.co.uk](http://www.vle.mathswatch.co.uk)  Revision guide and workbook (if purchased)  Y11 One Drive includes a folder of resources to use. |

**Mock Papers – Foundation Tier**

Log on to Mathswatch ([www.vle.mathswatch.co.uk](http://www.vle.mathswatch.co.uk) your school username’@arrowsmith’ and your school password)

Complete the interactive questions that go along with these making sure you show all of your working out

Watch the videos and make suitable notes on any topics you are struggling on (you may also attend the maths clinic)

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| **Areas to revise on Mathswatch** | **Clip No** | **Revised** | **Areas to revise on Mathswatch** | **Clip No** | **Revised** |
| One amount as a fraction of another |  |  | BIDMAS | **75** |  |
| Real life scale |  |  | Using a calculator | **77** |  |
| Angle properties of squares | **G14 (KS3)** |  | Highest common factor | **79** |  |
| Angle properties of triangles | **G16 (KS3)** |  | Roots | **81** |  |
| Surface area of cylinders problem | **G25b (KS3)** |  | Converting standard form and ordinary | **83** |  |
| Inequality symbols | **N9 (KS3)** |  | Convert decimal to fraction | **84** |  |
| Reading information from a pictogram | **S1a (KS3)** |  | Decimals, fractions and percentages | **85** |  |
| Complete a pictogram | **S1b (KS3)** |  | Percentage of an amount problem | **86** |  |
| Place value | **1** |  | Explaining estimation | **91** |  |
| Order positive and negative integers | **2** |  | Expanding a single bracket | **93** |  |
| Converting and calculating time | **6a** |  | Factorising a linear expression | **94** |  |
| Using a time table | **6b** |  | Substitution | **95** |  |
| Understanding probability | **14** |  | Drawing a linear graph | **96** |  |
| Multiplying integers | **19** |  | Changing the subject of a formula | **101** |  |
| Money problem | **22a** |  | Exchange rate problem | **105** |  |
| Money problem with cost per litre | **22b** |  | Sharing into ratio problem | **106** |  |
| Finding the middle of two numbers | **27** |  | Converting units of length/weight | **112** |  |
| Factors, Multiples and Prime numbers | **28** |  | Volume of a cuboid | **115** |  |
| Powers | **29** |  | Angles in parallel lines | **120** |  |
| Rounding to the nearest hundred | **31** |  | Angles sums in polygons problem | **123** |  |
| Collecting like terms | **33/34/35** |  | Understanding experimental probability | **125** |  |
| Understanding sequences | **37** |  | Completing Venn diagrams | **127** |  |
| Simplifying ratio to unitary form | **38** |  | Averages from a frequency table | **130a** |  |
| Ratio and fractions | **38** |  | Solving linear equations | **135** |  |
| Recipe question | **39** |  | Using a formula with rearrangement | **136** |  |
| Best value problem | **41** |  | Forming an expression | **137** |  |
| Proportion problem | **42** |  | Representing on a number line | **138** |  |
| Angle properties | **45** |  | Solving inequalities | **139** |  |
| Draw 3D sketch from plans/elevations | **51** |  | Continuing a Fibonacci sequence | **141** |  |
| Perimeter reverse question | **52** |  | Algebraic Fibonacci sequence | **141** |  |
| Perimeter of a composite shape | **52** |  | Speed/Distance/Time problem | **142** |  |
| Area of a rectangle | **53** |  | Sampling population and assumptions | **152** |  |
| Area reverse question | **53** |  | Time series graphs | **153** |  |
| Area of triangles | **54** |  | Truncated error interval | **155** |  |
| Understanding mutually exclusive events | **60** |  | Turning point of a quadratic graph | **160** |  |
| Two way tables | **61** |  | Roots from a quadratic graph | **160** |  |
| Averages from a vertical line chart | **64** |  | Solving simultaneous equations | **162** |  |
| Drawing a frequency polygon | **65b** |  | Compound interest | **164** |  |
| Ordering fractions | **70** |  | Loci problem | **165** |  |
| Subtracting fractions | **71** |  | Trigonometry in right angled triangles | **168** |  |
| Fraction of an amount | **72** |  | Adding/subtracting numerical vectors | **174** |  |
| Multiplying fractions | **73** |  | Describing combination transformations | **182** |  |
| Understanding dividing by fractions | **74** |  | Probability from a Venn diagram | **185** |  |

**Mock Papers – Higher Tier**

Your mock exams will consist of one non-calculator paper and two calculator papers.

To revise:

Log on to Mathswatch ([www.vle.mathswatch.co.uk](http://www.vle.mathswatch.co.uk) your school username’@arrowsmith’ and your school password)

Complete the interactive questions that go along with these making sure you show all of your working out

Watch the videos and make suitable notes on any topics you are struggling on (you may also attend the maths clinic)

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| **Areas to revise on Mathswatch** | **Clip No** | **Revised** | **Areas to revise on Mathswatch** | **Clip No** | **Revised** |
| Surface area of cylinders problem | **G25b (KS3)** |  | Negative indices | **154** |  |
| Overestimate or underestimate |  |  | Truncated error interval | **155** |  |
| Ratio problem | **38** |  | Factorising and solving quadratics | **157** |  |
| Proportion with recipe | **39** |  | Turning point from completed square | **160** |  |
| Proportion problem | **42** |  | Compound interest | **164** |  |
| Drawing a 3D sketch given views | **51** |  | Reverse area of a sector | **167** |  |
| Perimeter reverse question | **52** |  | Trigonometry in right angled triangles | **168** |  |
| Area reverse question | **53** |  | Volume of a cone | **169** |  |
| Amount of possible outcomes | **58** |  | Volume of a sphere | **171** |  |
| Calculating probability | **59** |  | Exact trig calculation | **173** |  |
| Mutually exclusive events | **60** |  | Expanding triple brackets | **178** |  |
| Averages from a list of data | **62** |  | Combination of transformations | **182** |  |
| Drawing a frequency polygon | **65b** |  | Circle theorems | **183** |  |
| Fractions of amounts | **72** |  | Probability from a Venn diagram | **185** |  |
| Multiplying mixed numbers | **73** |  | Cumulative frequency table/graph | **186** |  |
| Using a calculator | **77** |  | Comparing averages | **187** |  |
| Highest common factor | **79** |  | Fractional indices | **188** |  |
| Standard form and ordinary numbers | **83** |  | Changing the subject of a formula | **190** |  |
| Calculating with standard form | **83** |  | Algebraic proof | **193** |  |
| One amount as a percentage of another | **88** |  | Exponential and proportional graphs | **194** |  |
| Estimation | **91** |  | Trigonometrical graphs | **195** |  |
| Given a fact, change place value | **92** |  | Transformation of graphs | **196a** |  |
| Plot a linear graph | **96** |  | Equation of a circle problem | **197** |  |
| Sharing ratio problem | **106** |  | Direct and inverse proportion problem | **199** |  |
| Reverse percentage | **110** |  | Similarity (lengths to area) with ratio | **200** |  |
| Units of measure | **112** |  | Advanced trigonometry | **201** |  |
| Volume of a cuboid | **115** |  | Advanced trigonometry | **202** |  |
| Angles sums in polygons problem | **123** |  | Area of a triangle using sine | **203** |  |
| Bearings | **124** |  | Reading histograms | **205** |  |
| Experimental probability | **125** |  | Bounds problem | **206** |  |
| Completing Venn diagrams | **127** |  | Simplifying and manipulating surds | **207** |  |
| Reading pie charts | **128** |  | Perpendicular lines | **208** |  |
| Median from a table | **130a** |  | Completing the square | **209** |  |
| Representing on a number line | **138** |  | Simplifying algebraic fractions | **210a** |  |
| Solving an inequality | **139** |  | Simultaneous equations with quadratic | **211** |  |
| Simultaneous equations graphically | **140** |  | Solving a quadratic inequality | **212** |  |
| Density/Mass/Volume problem | **142** |  | Nth term of a quadratic sequence | **213** |  |
| Enlargement | **148** |  | Composite functions | **215** |  |
| Pythagoras Theorem | **150** |  | Gradient/area under velocity-time graph | **216a** |  |
| Independent tree diagram | **151** |  | Trigonometry in 3D shapes | **218** |  |
| Sampling population | **152** |  | Vectors problem | **219** |  |
| Time series graphs | **153** |  |  |  |  |

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| **Statistics** | **Mock exam** | **Trial exam** |
| **Paper length/component**  **Overview.** | 1 paper lasting 1hr 30 mins  Worth 80 marks | 2 papers, both 1hr 30 mins  Both worth 80 marks |
| **Topics to be covered** | All content could be included on the paper. | All content could be included on the paper. |
| **Revision topic** | Using and comparing box plots  Analyse data and data collection techniques  Averages  Sampling | Confirmed nearer to trial exams. |
| **Revision technique** | Learn the formulas you will need and how to apply them.  Learn the data handling cycle.  Answer practice questions from your revision guide and workbook. | Learn the formulas you will need and how to apply them.  Learn the data handling cycle.  Answer practice questions from your revision guide and workbook. |

**STATISTICS REVISION LIST MOCKS 2019 PAPER 1**

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| Q | Topic |
| 1 | Statistical conclusions from a box plot |
| 2 | Cleaning data the reliability of the data |
| 3 | Mode from a frequency table and stratified and random sampling |
| 4 | Estimation of an event occurring |
| 5 | RPI using index numbers or prices |
| 6 | Weighted mean |
| 7 | Questionnaires |
| 8 | Chain base index numbers - Geometric mean and what this shows |
| 9 | Capture recapture |
| 10 | Time series graph – Seasonality - Moving average |
| 11 | Spearman’s rank correlation coefficient |
| 12 | Pearson’s product moment correlation coefficient |
| 13 | Scatter diagram / scatter graph |
| 14 | Sampling methods |
| 15 | Probability - Binomial disrtibution |

**STATISTICS REVISION LIST MOCKS 2019 PAPER 2 (IN CLASS)**

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| Q | Topic |
| 1 | Reading and interpreting data |
| 2 | Types of data and choropleth map |
| 3 | Estimating the mean from a frequency table |
| 4 | Venn diagrams including exhaustive, mutually exclusive and independent events |
| 5 | Statistical enquiries |
| 6 | Advantages and disadvantages of primary and secondary data |
| 7 | Scatter graph/ Scatter diagram  Interpretation of Pearson’s product moment correlation coefficient |
| 8 | Cumulative frequency graph  Skew related to mean and standard deviation  Interpretation of the skew |
| 9 | Standardised scores |
| 10 | Comparative pie charts |
| 11 | Box plots conclusions including Averages, Outliers and Skew |
| 12 | Control charts including Warning lines and Action lines |
| 13 | Mean - Standard deviation |
| 14 | Histogram - Standard deviation |
| 15 | Probability - Independent events and formulas for independent events |

Mock and Trial examination information.

The following information details the content of the mock and trial exam for each subject in the school examination calendar.