



St Edmund Arrowsmith
Catholic High School

Prepare the way of the Lord

Year 11

Trial Information

2024-2025

Art & Photography	Trial exam (1st half of Actual exam) Jan- May Project	Exam board - AQA
<p>Project Length Breakdown</p> <p>Overview.</p>	<p>Externally Set Assignment 3 Months</p> <p>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.</p> <p>Art 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).</p> <p>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).</p> <p>Photography Sketchbook: Artist based research, opinions and photoshoots, followed by editing and presentation of final images relating to the student's chosen theme/interpretation. Exploring 2 artists should result in approximately 8 pages of work. Alongside these students should explore photography techniques that link to their theme. These three workshops should account for three further pages. The remaining pages should explore their chosen theme and plan a personal photo shoot (17 pages in total).</p> <p>The final outcome will be an edited photograph from the final photo shoot.</p>	
<p>Topics to be covered</p>	<p>The student should choose one of the seven exam themes and base their project around it. They must ensure they look at the work of other artists, examples are suggested on the exam paper.</p>	

<p>Assessment objectives</p> <p>All coursework and Exam work will be assessed against these four objectives.</p>	<p>AO1</p> <ul style="list-style-type: none"> <input type="checkbox"/> Have you RESEARCHED and developed your ideas from a starting point to a final piece? <input type="checkbox"/> Have you made mind-maps, sketches and studies related to the work of other artists, showing an understanding of their work? <input type="checkbox"/> Have you thought about and developed your own ideas? <p>AO2</p> <ul style="list-style-type: none"> <input type="checkbox"/> Have you chosen a selection of materials that relate to the artists being looked at? (Paint, pencil, digital, oil pastel, clay etc.) <input type="checkbox"/> Have you experimented with a variety of different materials throughout your sketchbook? <input type="checkbox"/> 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? <input type="checkbox"/> Have you chosen from what went well and developed THOSE ideas further? <p>AO3</p> <ul style="list-style-type: none"> <input type="checkbox"/> Have you showed your ideas by making links through drawing/photography and writing? <input type="checkbox"/> Have you recorded ideas by sketching/photographing objects, people or locations? Or have you drawn from pictures that are RELEVANT to your theme using pencil, pen and any other materials? <p>AO4</p> <ul style="list-style-type: none"> <input type="checkbox"/> Does your final piece (or pieces) sum up everything and tie up loose ends? <input type="checkbox"/> Is it clear that everything else has led up to this point? <input type="checkbox"/> Does it look like you know the reasons WHY you have made this your final piece? <input type="checkbox"/> Have you made clear connections between your work and the work of artist/s studied throughout?
<p>Sketchbook Techniques</p>	<p>Mind Maps to develop ideas. Printed images of the theme or artist. Tonally shaded drawing based on research of the chosen theme or artist.</p> <p>Photo shoot plans based on the artists or techniques covered.</p> <p>Student opinions, printed images and sketches of the chosen artist's work.</p> <p>Original drawing where the student is creating their own ideas based on the artist or theme.</p> <p>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.</p> <p>Photograph manipulation via physical, digital or lens-based means (workshop techniques)</p> <p>Compositions = a mix of several images placed together to create a full-page image.</p> <p>Draft and final designs for a final outcome.</p> <p>Sketchbook pages should be annotated when needed – to explain the student's thinking if it is not clear through the imagery.</p>
<p>Child Development</p>	<p>Trial exam</p>
<p>Paper length/component</p> <p>Overview.</p>	<p>1 hour 15-minute exam Written exam 40% Combination of questions based on all units covered. Some questions will be based on case studies of information given to them.</p>
<p>Topics to be covered</p>	<p>The following areas will be covered in the exam: Preconception Health</p>

	<p>Advantages and disadvantages of different methods of contraception Female reproductive system Male reproductive system Development of a foetus Function of aspects of the female body during pregnancy Development needs of a child – PIES Role of a father Safety in the home Safety Labelling Meeting the needs of an ill child- PIES Role of health professionals</p> <p>Keywords Please make sure you understand and can explain the meaning of the following: Antenatal Placenta Foetus Contraception Hazard</p>
Revision technique	Unit PowerPoints Class Work booklets Personal theory folder
Combined Science	Trial exam
Paper length/component	Biology Paper – 1 hour and 15 minutes
Overview	Chemistry Paper – 1 hour and 15 minutes Physics Paper – 1 hour and 15 minutes Pupils will be assessed on a range of topics from paper one and paper two
Topics to be covered	<u>Biology</u> Unit 4 – Bioenergetics Unit 7 – Ecology Unit 5 – Homeostasis and Response <u>Chemistry</u> Unit 3 – Quantitative Chemistry Unit 6 – Rates of Reaction Unit 7 – Organic Chemistry Unit 8 – Chemical Analysis <u>Physics</u> Unit 1 – Energy Unit 5 - Forces
Revision techniques	- The exam board for all the science papers is AQA. - Complete practice exam questions. - Use the resources in the Y11 google drive The following websites have revision resources, videos and past papers: MME Science Revision and Past Papers: www.mmerevise.co.uk/gcse-science-revision Free Science Lessons Videos: www.freesciencelessons.co.uk Cognito Revision Videos and Past Papers: www.cognitoresources.org GCSE Bitesize Revision https://www.bbc.co.uk/bitesize/levels/z98jmp3

Computer Science	Trial Exam	Exam board - OCR
Paper length/ Component	One paper that will last	
Overview	1 Hour 45 Mins, made up of a combination of questions from both papers :	
Topics	<ul style="list-style-type: none"> • Paper 1 (50% of the questions) Computer Systems • Paper 2 (50% of the questions) Computational thinking, Algorithms and Programming 	
Revision Techniques	<ol style="list-style-type: none"> 1. Data Representation – Binary, Denary and Hexadecimal Conversions, character sets, sound representation, images and compression 2. Programming Constructs – The fundamentals and theory (Variables, constants, data types, input, output, sequence, selection and iteration) 3. Programming Constructs - Tracing Pseudocode and writing pseudocode a high – level language(python) <ul style="list-style-type: none"> a. Sequence, selection, iteration, arithmetic, logic, functions 4. SQL Commands 5. Programming Constructs – Arrays 6. Flowcharts 7. Robust Programming and theory – Code maintainability, testing and IDE's 8. Logic Gates and Truth tables 9. Algorithms and Programming – Writing pseudocode 10. Algorithms – Searching and Sorting 11. Systems Architecture – All 12. Computer Networks –All 13. 8 Mark Ethics 	
Revision Techniques	<ol style="list-style-type: none"> 1. Utilise the revision guide you were provided with last year, your OneNote and PowerPoints to produce your own revision material. 2. Use the videos, knowledge organisers and revision sheets that you have been provided. 3. Carry out self-assessment using revision checklist and exam questions to inform your own revision. 4. For paper 2 components it is important to practice your programming skills, there are many free platforms online to support this, search free python online courses. Some great examples are Solo Learn, Code Academy and Mimo 	
Create iMedia	Trial Exam	
Paper/component Overview	R093 Creative iMedia in the media industry	
Duration of Examination /	1 full paper sat in the Hall – 1 hour 30 minutes	
Topics to be covered	<ul style="list-style-type: none"> • Sectors of the media industry • Products used in the different sectors of the media industry • Job Roles and Production Phases • Purpose of media products and how purpose influences style and content • Interpreting client briefs and the different types of client brief • Target Audience • Research methods and types of data • Media codes (technical, symbolic and written) • Work Plans • Pre-production documents <ul style="list-style-type: none"> ○ Mind Maps ○ Mood boards ○ Visualisation diagrams ○ Scripts ○ Storyboards ○ Wireframes ○ Flowcharts • Intellectual property rights 	
D&T	Trial exam	
Paper length/component	2 hours Written exam 50% SECTION A – core technical principles (multiple choice questions)	

<p>Overview</p>	<p>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.</p>
<p>Topics to be covered</p>	<p>Section A (Multiple choice questions) – 20 marks Expectations: Identify the correct answer to the question from 4 possible choices, NEVER leave an answer blank! You must show knowledge of:</p> <ul style="list-style-type: none"> • Metals and alloys • Materials and properties • Mechanisms - levers • Composite materials • Dimensions • Textiles <p>Section B (Specialist technical principles) – 30 marks Expectations: Show knowledge about materials, properties, manufacturing processes and ethical production. Use notes, diagrams and extended writing to show your knowledge. You must show knowledge of:</p> <ul style="list-style-type: none"> • Properties of timbers • Packaging and environmental factors • System design • Maths – area and volume • Properties of materials • Stock forms • Surface treatments and finishes • Ecological issues related to raw materials <p>Section C (Designing and Making) – 50 marks Expectations: be able to show a full understanding of the processes of designing, making, testing and evaluating. You must show knowledge of:</p> <ul style="list-style-type: none"> • Analysing and evaluating users' needs and wants • Anthropometrics and ergonomics • Nesting and tessellating • Health and safety • Orthographic projection • Maths – time • Design fixation • Tolerance • Quality control • Research of others / focus group (primary and secondary research)

Performing Arts – Dance, Acting & Production	Trail Exam - BTEC Technical award
Paper length/component: Overview:	Component 3 Responding to a Brief 1hr Written element of Component 3 - externally examined. D1: Ideas Log <u>Section 1 – The ideas and performance process log - Up to 800 words</u> Students will have started the practical element of the devised performance based on a given brief for this exam. Section 1 of the written exam is based on their response to the practical task. Pupil can use research, practitioner information, professional works studied and their logbooks to assist them in the writing of this 1-hour exam. This exam will be based in a computer room under exam conditions.
Topics to be covered	Section 1: The ideas and performance process log must include: Complete the ideas log to capture your contribution to the development of ideas in response to the brief. You must complete the ideas log template, providing information on the following: <ul style="list-style-type: none"> • the concept and style of performance • your choice of target audience • the resources needed during the development and performance for the exploration and development of ideas • how the ideas meet the requirements of the brief • how the work of practitioners has influenced your ideas • ideas you have contributed • how you explored ideas. You will be assessed on your individual contribution to the interpretation of the brief, your exploration and development of ideas and planning. You should spend 1 hour completing the ideas log under supervised conditions during the time scheduled by your teacher/tutor.
Revision technique	PG online powerpoints, worksheets and learning mats in personal theory folder. SENECA learning. Revision guides. Technology student website

English/English Literature	Trial exam													
<p>Paper length/component</p> <p>Overview.</p>	<p>Language Component 2 - 2 hrs.</p> <p>Section A – answer six questions on two non-fiction texts. One text will be 21st century, the other will be 19th century. (One hour – 40 marks)</p> <p>Section B Write two non-fiction writing tasks. (one hour – 40 marks)</p>	<p>Component 2 Literature paper 2 hours The paper will consist of four questions.</p> <p>Section A Macbeth – extract question (20 mins – 15 marks) Macbeth – character/theme essay question (40 mins – 25 marks)</p> <p>Section B Analysis of one Anthology poem – (20 mins – 15marks)</p> <p>Compare poem with one other poem from Anthology – (40 mins – 25 marks)</p>												
<p>Topics to be covered</p>	<p>Section A – Reading A02 – Writers’ Craft. How does the writer use words to create a certain effect?</p> <p>A04 – Personal response What do you think and feel?</p> <p>A03 – Comparison. How are the writers’ views similar and different?</p> <p>Section B – writing Formal letter Article Guides Speech</p>	<p>Macbeth - Characters Lady Macbeth Macbeth Banquo Macduff</p> <p>Themes See Macbeth knowledge organiser for possible theme questions.</p> <p>Poetry Anthology</p> <table border="1" data-bbox="970 1099 1476 1429"> <thead> <tr> <th>Possible Named Poem</th> <th>Possible Comparison Poem</th> </tr> </thead> <tbody> <tr> <td>The Manhunt</td> <td>A Wife in London</td> </tr> <tr> <td>The Soldier</td> <td>Dulce Et Decorum Est</td> </tr> <tr> <td>Hawk Roosting</td> <td>Ozymandias</td> </tr> <tr> <td>Death of a Naturalist</td> <td>The Prelude</td> </tr> <tr> <td>Valentine</td> <td>Cosy Apologia</td> </tr> </tbody> </table>	Possible Named Poem	Possible Comparison Poem	The Manhunt	A Wife in London	The Soldier	Dulce Et Decorum Est	Hawk Roosting	Ozymandias	Death of a Naturalist	The Prelude	Valentine	Cosy Apologia
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<p>Revision topic</p>	<p>Non-fiction reading and writing</p>	<p>Macbeth/poetry</p>												
<p>Revision technique</p>	<p>Reading: learn the strategy for each questions/ practise writing answers under timed conditions/ check answers against the mark scheme.</p> <p>Writing: learn the features of each writing type/ look at past tasks/ practise planning answers in five minutes (purpose, audience, format, tone)/ practise writing full answers in timed conditions.</p>	<p>Timelines/ revision of poetry contexts/ key quotations for each character or poem/ exploding quotations (think: what/how/why?), selecting knowledge to plan <u>any</u> essay question/ practising writing under timed conditions/ pairing poems and finding three points of comparison.</p>												
Food and Nutrition	Trial exam Exam Board - AQA													
<p>Paper length/component</p> <p>Overview.</p>	<p>1hr 45 minutes</p> <p>Section A (20 marks) This consists of 20 multiple choice questions testing general food and nutrition knowledge.</p> <p>Section B (80 marks) This section consists of extended questioning ranging from 2 to 12 mark questions.</p>													

<p>Revision topic</p>	<p>Section A (Multiple choice questions) – 20 marks Expectations: Identify the correct answer to the question from 4 You must show knowledge of: Dietary fibre Vitamins Salt Gelatinisation Fortification Raising agents Bacteria Plasticity Methods of cooking Enzymic browning Calcium deficiency Fat Primary processed foods Packaging Organic farming PAL levels</p> <p>Section B (Application of theoretical Knowledge) – 80 marks Expectations: Show and apply knowledge of a range of different food preparation and nutrition topics. You must show knowledge of: Food safety – food poisoning, storing, preparation, personal hygiene Food probe Functions on nutrients Protein Nutritional analysis and elderly Genetically modified foods Food security/ food choice Food labels – allergens/ intolerances Why food is cooked Heat transfer – radiation Functions and problems of cake ingredients Caramelisation</p>
<p>Revision technique</p>	<p>A guided PowerPoint of revision topics will be provided for the students.</p> <p>PEEL</p> <p>Point – use the key words in the question to answer the question.</p> <p>Explain – explain your point by adding more detail to your point.</p> <p>Example – try to give an example that supports your answer.</p> <p>Link – if possible link your answer back to the question</p>

FRENCH	Trial exam	Exam board - AQA
<p>Paper length and Overview</p>	<p><u>Speaking</u></p> <p>Foundation Tier 7-9 minutes (+ 12 minutes preparation time)</p> <p>Higher Tier 10-12 minutes (+ 12 minutes preparation time)</p> <p>Part 1: Role Play (15 marks)</p> <p>Part 2: Photo Card (15 marks)</p> <p>Part 3: General Conversation (30 marks)</p> <p>Answer questions on your chosen topic, followed by questions on a second topic from the remaining two themes.</p> <p><u>Listening</u></p> <p>Foundation Tier 35 minutes (+ 5 minutes reading time)</p> <p>Higher Tier 45 minutes (+ 5 minutes reading time)</p> <p>Section A: Listen to spoken French and answer in English.</p> <p>Section B: Listen to spoken French and answer in French.</p> <p><u>Reading</u></p> <p>Foundation Tier 45 minutes</p> <p>Higher Tier 1 hour</p> <p>Section A: Read French texts and answer questions in English.</p> <p>Section B: Read French texts and answer questions in French.</p> <p>Section C: Translate a short passage (approximately 50 words) into English.</p> <p><u>Writing</u></p> <p>Foundation Tier 1 hour - 4 Written answers</p> <p>Question 1: Describe a photo in 4 sentences (8 marks)</p> <p>Question 2: Respond to 4 bullet points (16 marks)</p> <p>Question 3: Translate 5 sentences (10 marks)</p> <p>Question 4: (Choose task a or b) Respond to 4 bullet points, including opinions and 3 tenses. Write approximately 90 words. (16 marks)</p> <p>Higher Tier 1 hour 15 minutes – 3 written answers</p> <p>3 Written answers</p> <p>Question 1: 4 bullet points, 90 words</p> <p>Choose task a or b. Respond to 4 bullet points, including opinions and 3 tenses (16 marks)</p> <p>Question 2: 2 bullet points, 150 words</p> <p>Choose task a or b. Respond to 2 bullet points, including opinions, a variety of tenses and high-level phrases. (32 marks)</p> <p>Question 3: Translate a short passage into French.</p>	

Topics to be covered	<p style="text-align: center;">THEME 1</p> <p>Topic 1: Me, my family and friends • Relationships with family and friends • Marriage/partnership</p> <p>Topic 2: Technology in everyday life • Social media • Mobile technology</p> <p>Topic 3: Free-time activities • Music • Cinema and TV • Food and eating out • Sport</p> <p>Topic 4: Customs and festivals in French-speaking countries/communities</p>	<p style="text-align: center;">THEME 2</p> <p>Topic 1: Home, town, neighbourhood and region</p> <p>Topic 2: Social issues • Charity/voluntary work • Healthy/unhealthy living</p> <p>Topic 3: Global issues • The environment • Poverty/homelessness</p> <p>Topic 4: Travel and tourism</p>	<p style="text-align: center;">THEME 3</p> <p>Topic 1: My studies</p> <p>Topic 2: Life at school/college</p> <p>Topic 3: Education post-16</p> <p>Topic 4: Jobs, career choices and ambitions</p>
Revision technique	<p>Revise each THEME.</p> <p>For the speaking exam: revise key role-play and photo phrases and learn your conversation answers.</p> <p>For the listening and reading exams: revise vocabulary on all of the topics above. Use Quizlet and GCSE Bitesize to practise. Complete the past papers you have been given.</p> <p>For the writing exam: practice writing sentences including past, present and future verbs and opinions on each of the key topic areas.</p>		
Geography	Trial Exam		Exam Board - AQA
Paper length /Component. Overview.	<p>2 HOUR EXAM</p> <p><u>Paper 1</u> – 1 HOUR 30 MINUTES (Full Paper)</p> <p><u>Paper 2</u> – 30 MINUTES (Section A – Urban)</p>		
Topics to be covered	<p>Natural Hazards (30 mins)</p> <ul style="list-style-type: none"> • Climate change – causes • Climate change – Management • Plate Margins • Why do people choose to live near to volcanoes? (6) • Immediate and Long Term Responses to Tropical Storms – Typhoon Haiyan (9) <p>Living World (30 mins)</p> <ul style="list-style-type: none"> • Food chains/webs • Causes of Deforestation in Tropical Rainforests (6) • Deserts – Adaptations of Plants and Animals (9) <p>Coasts (15 mins)</p> <ul style="list-style-type: none"> • Hard and Soft Engineering • Depositional Landforms - SPITS • OS Maps – KEY SKILL: Grid References • A Coastal Management Scheme in the UK (Holderness?) • Erosional Features (6) <p>Glaciation (15 mins)</p> <ul style="list-style-type: none"> • OS Maps – KEY SKILL: 6 FIGURE GRID REFERENCES and Distance • Tourist attractions in the Lake District 		

	<ul style="list-style-type: none"> • Depositional landforms and transportation (6) <p>Paper 2 - Urban Landscapes (30 mins)</p> <ul style="list-style-type: none"> • Growth of cities – reasons (rural to urban migration) • Challenges – environmental pollution/waste in Mumbai (6) • KEY SKILLS: Grid References, DIRECTION, DISTANCE • UK challenges (London) - dereliction/urban greening (6) • Sustainable living – LONDON – Water and Energy conservation (9)
Revision technique	<ul style="list-style-type: none"> • Detailed revision list – make cards/mind-maps using the key themes • Time for Geography/BBC Bitesize websites (used in revision lessons) • Two hours of focused revision in class (small ‘chunks’ - one per week) • Students are expected to complete AT LEAST one hour of independent revision PER TOPIC – 5 Topics in total • AQA GCSE Geography Assessment resources (Practice Papers)
Health and Social	Trial exam
Paper length/component Overview.	<p>1 hour 15-minute exam Written exam 40%</p> <p>Combination of questions based on all units covered. Some questions will be based on case studies of information given to them.</p>
Topics to be covered	<p>The following areas will be covered in the exam:</p> <p>Protecting service users Effective communication Security measure – care home setting Maintaining confidentiality Rights of service user Person Centre Values Qualities of service provider – 6C's Methods of communication Personal Protection.</p> <p>Keywords Please make sure you understand and can explain the meaning of the following: PPE DBS Advocate Safeguarding</p>
Revision technique	<p>Unit PowerPoints Class Work booklets Personal theory folder</p>
History	<p>Trial exam Exam Board-EDEXCEL</p>
Paper length/component Overview	<p>1 Hour 20 mins Exam Full Paper 1 Trial</p>
Topics to be covered	<p><u>Medicine 1250-Modern</u></p> <ul style="list-style-type: none"> • Exam Technique and Topic Timeline. (Revision Guide p2-4) • Medieval – causes of disease AND cures/treatments/prevention of disease. (Revision Guide – p2-11). • Renaissance – Case Study – Great Plague AND Key Individuals. (Revision Guide – p16-19). • Industrial Revolution – cures/treatments/prevention of disease AND Key Individuals. (Revision Guide – p20-27) • Modern – causes of disease AND cures/treatments/prevention of disease. (Revision Guide – p30-33). • WW1 – ALL CONTENT (Revision Guide – p35-42)

Revision technique	<p>Remember your revision should be F L A T.</p> <p>F= Focused. We have already done this for you by breaking the units down into Key Questions/topic headings on the front of each of your revision guides.</p> <p>L= Long Term. Slow and steady with your revision, long in advance of the exam is a much more productive way to prepare. Last minute revision isn't sufficient.</p> <p>A= Active. DO things when you are revising. Sitting staring at the page "reading" notes is NOT effective revision.</p> <p>T= Transform. To make sure you are being ACTIVE in your revision, TRANSFORM your notes into other versions of the same notes, for example, mind maps/pictures/diagrams/revision cards/practice exam questions/ quizzes/ talk through your notes to yourself. WHATEVER works for you.</p>	
Mathematics	Trial exam	Exam Board – Edexcel
Paper length/component Overview.	<p>Paper 1 – 1 Hour 30 minutes (Non-Calculator) Paper 2 – 1 Hour 30 minutes (Calculator) Paper 3 – 1 Hour 30 minutes (Calculator)</p> <p>A scientific calculator will be needed for Paper 2 and 3.</p> <p>Other equipment needed for all papers will be a ruler, protractor, and pair of compasses.</p>	
Topics to be covered	<p><u>Foundation Tier (For sets 5/6/7/8/9/A2)</u></p> <p>Number</p> <ul style="list-style-type: none"> • Place value and ordering: Clip 1, 2 • Rounding: Clip 31, 32 • Factors, multiples, and primes: Clip 28, 29, 30 • Fractions: Clip 71, 72, 73, 74, 75 • Decimals: Clip 16, 17, 18 • Percentages: Clip 85, 86, 87 • Ratio and proportion: Clip 106, 107, 108 • Standard form: Clip 83 • Powers and roots: Clip 82, 84 <p>Algebra</p> <ul style="list-style-type: none"> • Algebraic expressions: Clip 33, 34 • Expanding brackets: Clip 93, 134 • Factorising: Clip 94 • Equations: Clip 135, 136 • Inequalities: Clip 138 • Sequences: Clip 41, 42 • Graphs: Clip 96, 97, 98, 161 <p>Geometry and Measure</p> <ul style="list-style-type: none"> • Geometry and Measures • Angles: Clip 44, 45, 46, 47 • Properties of 2D shapes: Clip 55, 56 • Properties of 3D shapes: Clip 57 • Pythagoras' theorem: Clip 150 • Transformations: Clip 48, 49, 50, 51 • Area and perimeter: Clip 52, 53, 54 	<p>Pupils will be given specific revision lists by their class teacher. A general revision list is given below.</p> <p><u>Higher Tier (for sets 1/2/3/4/A1)</u></p> <p>Number</p> <ul style="list-style-type: none"> • Indices and standard form: Clip 82, 83, 84 • Surds: Clip 207 • Fractions, decimals, and percentages: Clip 71-75, 85-89 • Ratio and proportion: Clip 106-108, 199, 200 • Error intervals: Clip 214 <p>Algebra</p> <ul style="list-style-type: none"> • Algebraic manipulation: Clip 33, 34, 93, 134 • Factorising and expanding: Clip 93, 94, 134, 157 • Quadratic equations: Clip 157-160 • Simultaneous equations: Clip 140, 162, 163 • Inequalities: Clip 138, 139 • Algebraic fractions: Clip 210 • Functions: Clip 96-98, 161, 167 • Iteration: Clip 221 • Graphs: Clip 96-98, 161, 167, 218 <p>Geometry and Measure</p> <ul style="list-style-type: none"> • Circle theorems: Clip 166 • Pythagoras' theorem: Clip 150 • Trigonometry: Clip 168-171, 175, 176 • Vectors: Clip 219, 220 • Transformations: Clip 48-51, 164 • Similar shapes: Clip 144, 145 • Congruence: Clip 55, 56 • 3D shapes: Clip 114-118 <p>Statistics and Probability</p> <ul style="list-style-type: none"> • Cumulative frequency and box plots: Clip 130, 186 • Histograms: Clip 205 • Probability: Clip 59, 151-154 • Tree diagrams: Clip 152, 153 • Venn diagrams: Clip 185 <p>Ratio, Proportion and Rates of Change</p> <ul style="list-style-type: none"> • Direct and inverse proportion: Clip 199, 200 • Compound measures: Clip 142 • Growth and decay: Clip 154, 155 • Gradients and rates of change: Clip 167

Music	Trial exam	Exam board -EDUQAS
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.	
Topics to be covered	Q1&2 AoS1 Musical Forms & Devices (including Bach: Badinerie 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 Toto: Africa set work)	
Revision topic	Written response	
Revision technique	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. Use revision booklets previously distributed before mock exams and try the 'do it now' tasks.	
	<ul style="list-style-type: none"> • Volume: Clip 114, 115, 116 Statistics and Probability <ul style="list-style-type: none"> • Averages and range: Clip 62, 63 • Charts and graphs: Clip 14, 15, 60, 61 • Scatter graphs: Clip 129 • Probability: Clip 59, 151 Remember to practice past papers and review mark schemes to understand how examiners expect you to present your answers. The Mathswatch clip numbers provided will give you video explanations and practice questions for each topic.	<ul style="list-style-type: none"> • Area under a curve: Clip 218 Remember to practice past papers and review mark schemes to understand how examiners expect you to present your answers. The Mathswatch clip numbers provided will give you video explanations and practice questions for each topic.
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! (and to check that your answers are correct). MathsWatch interactive questions and video tutorials. www.vle.mathswatch.co.uk Your class teacher will set a task on Mathswatch which will contain preparation questions for you to complete. Revision guide and workbook (if purchased)	

Production	Trial exam	Exam board - NCFE
Paper length/component Overview	<p>Written and listening paper – 1 hour 30 minutes.</p> <p>The paper will consist of a combination of short 1 and 2-mark questions, longer questions 6-12 marks, and questions based around audio examples.</p>	
Topics to be covered	<ul style="list-style-type: none"> - History of music technology (<i>1940s to current day</i>) - The music business - Using a digital audio workstation - Musical elements (<i>use of dynamics, rhythm, pitch, structure, melody, instrumentation, tempo, texture, tonality and harmony</i>) - Musical styles and genres - Sound creation - Multi-track recording (<i>microphones, techniques, health & safety</i>) - Multi-track mixing (<i>dynamic processors, effects, EQ, volume and panning</i>) 	
Revision technique	<p>Use information in orange folders linked to each of the revision topics above.</p> <p>Create mind maps or cue cards for each topic including key words.</p> <p>Use practice papers supplied by your class teacher to practice answering the different styles of questions</p>	
PE	Trial exam	Exam board -
Paper length/component Overview.	<p>Paper 1 – Physical Factors affecting performance</p> <p>Paper 2 – Socio-cultural issues and sport psychology</p> <ul style="list-style-type: none"> • Both papers are 60 minutes and are marked out of 60 with no specific sections. • Mixture of short and long answer questions. Question types are: <ul style="list-style-type: none"> ➤ AO1 – Identify, state, name, describe, outline and define ➤ AO2 – Practical/Sporting Examples, Apply, Compare & Suggest ➤ AO3 – Analyse, Evaluate, Justify, Explain & Discuss <p>One synoptic question on each paper which will have a cross over topic (with a topic from the other paper)</p>	
Topics to be covered	<p>Paper 1 – Physical factors affecting performance</p> <ul style="list-style-type: none"> • Skeletal system • Muscular System • Movement Analysis • Cardiovascular & respiratory systems • Effects of exercise on body systems • Components of fitness • Principles of training • Preventing injury <p>Paper 2 – Socio-cultural issues and sports psychology</p> <ul style="list-style-type: none"> • Engagement patterns • Commercialisation • Ethical and socio-cultural issues • Sports Psychology • Health, Fitness & well-being 	
Revision technique	<p>READ the topic, have a BREAK, TEST yourself then REVIEW how you have done.</p> <p>BRAIN DUMPS – Use a blank piece of paper and write everything you know about that Topic Area (TA). Then get your workbook, using a different colour pen complete with anything you forgot. Each time you do this you should see the amount of colour pen reduce.</p>	

Religious Studies	Trial exam
<p>Paper length/component</p> <p>Overview.</p>	<p>Paper 1 Catholic Christianity 1hr 45 minutes</p> <p>Paper 2Y Perspectives on faith (Judaism)</p> <p>Paper 2A Perspectives on faith (Themes)</p> <p>You will have 1hr 45 minutes to complete both the Judaism and Themes papers. Please see the below table which outlines the units that will feature on your trial exam.</p>
<p>Units to be covered and revised</p>	<p>Paper 1 Catholic Christianity</p> <p>Creation</p> <ul style="list-style-type: none"> • Michelangelo's Creation of Adam • Nature of God – creator • Natural Law • Stewardship and the environment <p>Incarnation</p> <ul style="list-style-type: none"> • The Divine Word • Importance of sacraments • Parable of the sheep and goats • Religious imagery in art <p>Triune God, mission and prayer</p> <ul style="list-style-type: none"> • Prayer postures • Music in worship • Trinity in the Bible • Trinity and Nicene Creed <p>Eschatology</p> <ul style="list-style-type: none"> • Judgement • Care of the dying and hospice • Michelangelo's The last judgement • Catholic teachings about life after death including parables <p>Paper 2Y Judaism</p> <p>Jewish Beliefs</p> <ul style="list-style-type: none"> • Key moral principles • Messiah • Nature of God • Covenants – Abraham <p>Jewish Practices</p> <ul style="list-style-type: none"> • Symbolism of Pesach (Passover) • Private Prayer • Jewish food laws • Worship in the synagogue <p>Paper 2A Themes</p> <p>Religion, relationships and families</p> <ul style="list-style-type: none"> • Nature of the family and the roles of parents • Christian views on homosexuality • Christian views on gender discrimination • Catholic marriage ceremony <p>Religion, Peace and conflict</p> <ul style="list-style-type: none"> • Christian views on terrorism • Old Testament teaching about war • Christian responses to injustice • Consequences of war

Revision technique	Revision notes provided by RE teacher. Notes in all three exercise books. Practice exam questions. Judaism - GCSE Religious Studies Revision - AQA - BBC Bitesize MrMcMillanREvis - YouTube
Triple Science	Trial exam
Paper length/component Overview.	Biology Paper – 1 hour and 45 minutes Chemistry Paper – 1 hour and 45 minutes Physics Paper – 1 hour and 45 minutes Pupils will be assessed on a range of topics from paper one and paper two.
Topics to be covered	<u>Biology</u> Unit 4 – Bioenergetics Unit 7 – Ecology Unit 5 – Homeostasis and Response <u>Chemistry</u> Unit 3 – Quantitative Chemistry Unit 6 – Rates of Reaction Unit 7 – Organic Chemistry Unit 8 – Chemical Analysis <u>Physics</u> Unit 1 - Energy Unit 5 – Forces Unit 6 - Waves
Revision technique	- The exam board for all the science papers is AQA. - Complete practice exam questions. - Use the resources in the Y11 google drive The following websites have revision resources, videos and past papers: <u>MME Science Revision and Past Papers:</u> www.mmerevise.co.uk/gcse-science-revision <u>Free Science Lessons Videos:</u> www.freesciencelessons.co.uk <u>Cognito Revision Videos and Past Papers:</u> www.cognitoresources.org <u>GCSE Bitesize Revision</u> https://www.bbc.co.uk/bitesize/levels/z98jmp3
SPANISH	Trial exam Exam board - AQA
Paper length/component Overview	<u>Speaking</u> Foundation Tier 7-9 minutes (+ 12 minutes preparation time) Higher Tier 10-12 minutes (+ 12 minutes preparation time) Part 1: Role Play (15 marks) Part 2: Photo Card (15 marks) Part 3: General Conversation (30 marks) Answer questions on your chosen topic, followed by questions on a second topic from the remaining two themes.

Listening

Foundation Tier 35 minutes (+ 5 minutes reading time)

Higher Tier 45 minutes (+ 5 minutes reading time)

Section A: Listen to spoken Spanish and **answer in English.**

Section B: Listen to spoken Spanish and **answer in Spanish.**

Reading

Foundation Tier 45 minutes

Higher Tier 1 hour

Section A: Read Spanish texts and **answer questions in English.**

Section B: Read Spanish texts and **answer questions in Spanish.**

Section C: Translate a short passage (approximately 50 words) from Spanish **into English.**

Writing

Foundation Tier 1 hour - 4 Written answers

Question 1: Describe a photo in 4 sentences (8 marks)

Question 2: Respond to 4 bullet points (16 marks)

Question 3: Translate 5 sentences (10 marks)

Question 4: (Choose task a or b) Respond to 4 bullet points, including opinions and 3 tenses. Write approximately 90 words. (16 marks)

Higher Tier 1 hour 15 minutes – 3 written answers

3 Written answers

Question 1: 4 bullet points, 90 words

Choose task a or b. Respond to 4 bullet points, including opinions and 3 tenses (16 marks)

Question 2: 2 bullet points, **150 words**

Choose task a or b. Respond to 2 bullet points, including opinions, a variety of tenses and high-level phrases. (32 marks)

Question 3: Translate a short English passage into Spanish.

Topics to be covered	THEME 1	THEME 2	THEME 3
	<p>Topic 1: Me, my family and friends • Relationships with family and friends • Marriage/partnership</p> <p>Topic 2: Technology in everyday life • Social media • Mobile technology</p> <p>Topic 3: Free-time activities • Music • Cinema and TV • Food and eating out • Sport</p>	<p>Topic 1: Home, town, neighbourhood and region</p> <p>Topic 2: Social issues • Charity/voluntary work • Healthy/unhealthy living</p> <p>Topic 3: Global issues • The environment • Poverty/homelessness</p> <p>Topic 4: Travel and tourism</p>	<p>Topic 1: My studies</p> <p>Topic 2: Life at school/college</p> <p>Topic 3: Education post-16</p> <p>Topic 4: Jobs, career choices and ambitions</p>

	Topic 4: Customs and festivals in French-speaking countries/communities		
Revision technique	Revise each THEME. 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 and GCSE Bitesize to practise. Complete the past papers you have been given. For the writing exam : practice writing sentences including past, present and future verbs and opinions on each of the key topic areas.		

Sports Science	Trial Exam board - OCR Exam
Paper/component Overview	<p><u>R180 – Written Exam (40%)</u> - Exam duration will be 60 mins and will out of 50 marks and will cover three topic areas.</p> <p><u>R181 – Coursework (60%)</u> – Marks that have been given for submitted coursework will count towards this section of your overall trial grade. This is a score out of 80 marks.</p>
Topics to be covered	<p><u>R180 (Written Exam)</u></p> <p>Topic Area 1: Different factors which influence the risk and severity of injury.</p> <ul style="list-style-type: none"> • Extrinsic factors – Types of sports activity, coaching/instructing/leading, environment and equipment. • Intrinsic factors – Individual variables, psychological factors, reasons for aggression and mental strategies. <p>Topic Area 2: Warm up and cool down routines.</p> <ul style="list-style-type: none"> • Components of a warm-up. • Physiological and psychological benefits of a warm-up. • Components of a cool down. • Physiological benefits of a cool down. <p>Topic Area 3: Different types and causes of sports injuries.</p> <ul style="list-style-type: none"> • Acute injuries. • Chronic injuries. <p><u>R181 (Coursework)</u></p> <p>Topic Area 1: Components of fitness applied in sport.</p> <ul style="list-style-type: none"> • Fitness component tests, conduct/record results and give strengths/weaknesses. • Skill based fitness tests, conduct/record results and give strengths/weaknesses. <p>Topic Area 2: Principles of training in sport.</p> <ul style="list-style-type: none"> • Principles of training and goal setting in a sporting context. • Methods of training and their benefit. <p>Topic Area 3: Organising and planning a fitness training programme.</p> <ul style="list-style-type: none"> • Factors when planning a fitness programme. • Planning a fitness programme. • Recording results from a fitness programme. <p>Topic Area 4: Evaluate own performance in planning and delivery of a fitness programme.</p> <ul style="list-style-type: none"> • Effectiveness of a fitness programme.
Revision tips/techniques	<p>READ the topic, have a BREAK, TEST yourself then REVIEW how you have done.</p> <p>BRAIN DUMPS – Use a blank piece of paper and write everything you know about that Topic Area (TA). Then get you workbook, using a different colour pen complete with anything you forgot. Each time you do this you should see the amount of colour pen reduce.</p>

Sports Studies	Trial Exam board - OCR Exam
Paper/component Overview	<p>R184 – Written Exam - Exam duration will be 60 mins and will out of 50 marks and will cover three topic areas.</p> <p>R185 – Coursework - Marks that have been given for submitted coursework will count towards this section of your overall trial grade. This is a score out of 80 marks.</p>
Topics to be covered	<p>R184 (Written Exam)</p> <p>Topic Area 1: Issues which affect participation in sport.</p> <ul style="list-style-type: none"> • Different user groups who participate in sport. • Possible barriers which affect participation in sport. • Possible solutions to the barriers which affect participation in sport. • Positive and negative impacts on the popularity of sport in the UK. • The growth of emerging/new sports in the UK. <p>Topic Area 2: The role of sport in promoting values.</p> <ul style="list-style-type: none"> • Values which can be promoted through sport. • Olympic and Paralympic movement. • Initiatives, campaigns, and events which promote sporting values. • The importance of etiquette sporting behaviour of performers and spectators. • The use of performance enhancing drugs (PEDs) in sport. <p>Topic Area 3: The implications of hosting a major sporting event for a city or country.</p> <ul style="list-style-type: none"> • Features of a major sporting event. • Positive and negative pre-event aspects of hosting a major sporting event. • Potential positive and negative aspects during and post-event. <p>R185 (Coursework)</p> <p>Topic Area 1: Practical performance in two activities.</p> <p>Topic Area 2: Applying practice methods to support improvement in a sporting activity.</p> <ul style="list-style-type: none"> • Strengths and weaknesses. • Methods to improve (Practices and drills). • Measuring improvement in performance. <p>Topic Area 3: Organising and planning a sports activity session.</p> <ul style="list-style-type: none"> • Lesson plan. • Risk assessment. <p>Topic Area 4: Leading a sports activity session.</p> <p>Topic Area 5: Reviewing your own performance in planning and leading a sports activity session.</p>
Revision tips/techniques	<p>READ the topic, have a BREAK, TEST yourself then REVIEW how you have done.</p> <p>BRAIN DUMPS – Use a blank piece of paper and write everything you know about that Topic Area (TA). Then get you workbook, using a different colour pen complete with anything you forgot. Each time you do this you should see the amount of colour pen reduce.</p>