St Edmund Arrowsmith
Catholic High School

Prepare the way of the Lord through **Actions**

2026-27 YEAR 11 TRIAL INFORMATION

Art & Photography	**Trial exam (1st half of Actual exam) Jan- May Project** **Exam board - AQA**
Project Length Breakdown **Overview.**	**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.** **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).** **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).** **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). The final outcome will be an edited photograph from the final photo shoot.**
Topics to be covered	**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.**
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/photography and writing?** 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? **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. • Photo shoot plans based on the artists or techniques covered. • 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. • Photograph manipulation via physical, digital or lens-based means (workshop techniques) • 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.**

Child Development	Trial exam
Paper length/component Overview.	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.
Topics to be covered	**The following areas will be covered in the exam:** Preconception Health 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 SIDS Keeping a child safe in the home Keeping a child safe outside **Keywords** **Please make sure you understand and can explain the meaning of the following:** Antenatal Placenta Foetus Contraception Hazard
Revision technique	Unit PowerPoints Class Work booklets Personal theory folder.

Combined Science	Trial exam
Paper length/component **Overview.**	Biology Paper – 1 hour and 15 minutes 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	Biology Unit 4 – Bioenergetics Unit 7 – Ecology Unit 5 – Homeostasis and Response Chemistry Unit 3 – Quantitative Chemistry Unit 6 – Rates of Reaction Unit 7 – Organic Chemistry Unit 8 – Chemical Analysis Unit 9 – Chemistry of the Atmosphere Physics Unit 5 – Forces Unit 6 - Waves
Revision techniques	• Pupils should use the retrieval quizzes and questions and answers in their handbooks to test themselves to help them learn the content. • Pupils can also complete practice exam questions to help them prepare for the assessments. The exam board for all the science papers is AQA. • Pupils can use the independent learning section of Sparx Science. • 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 **Overview**	**<u>One paper that will last</u>** **<u>1 Hour 45 Mins, made up of a combination of questions from both papers :</u>** • **Paper 1 (50% of the questions**) Computer Systems • **Paper 2** (50% of the questions) Computational thinking, Algorithms and Programming
Topics	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) 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	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	• **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**
	  ○ **Mind Maps**
	  ○ **Mood boards**
	  ○ **Visualisation diagrams**
	  ○ **Scripts**
	  ○ **Storyboards**
	  ○ **Wireframes**
	  ○ **Flowcharts**
	• **Intellectual property rights**

Design &Technology	Trial exam
Paper length/component **Overview.**	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	**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: Properties of wood – pg 30-31 Plant fibres – pg 36-37 Processes – pg20 Mechanisms – pg 22 Smart materials – pg 17 Customer needs-pg12 Properties of metals- pg 32-33 Properties of plastics- pg 34-35 Linkages & Levers- pg 26-27 Energy storage (kinetic pump) – pg14-15 Composite materials (Kevlar) -pg17 **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: Stock forms Manufacturing techniques Finishing techniques Forces and stresses pg 40-41 Processes – drilling/sawing Standard components Ecological and social issues – pg42 – 43 **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: Anthropometrics & ergonomics- pg 104-105 Maths – circumfrances (pie) Communication of design ideas- pg 116-118 Selecting materials -pg 38-39 Collecting and analysing data- pg 102-104 Health and safety – pg 124
Revision technique	PG online powerpoints, worksheets and learning mats in personal theory folder.

	SENECA learning. Revision guides. Technology student website

<table>
<tr><th>BTEC Performing Arts (All Pathways)</th><th colspan="3">Trial Exam</th></tr>
<tr><td>Paper length/component:</td><td colspan="3">Component 3 - Responding to a Brief

1hr in class exam in exam conditions.</td></tr>
<tr><td>Overview:</td><td colspan="3">This component requires students to respond to a given brief and develop ideas for a performance or production.
At the start of the trial assessment, students will be given a new theme and brief for the first time. They will analyse the requirements of the brief and develop initial ideas for how they could respond through their chosen pathway.
This assessment is designed as preparation for the Component 3 Ideas Log. Students will be assessed on their ability to interpret an unfamiliar brief, generate appropriate creative ideas and explain how these ideas could be explored and developed.
Dance students will develop initial choreographic and performance ideas in response to the brief.
Acting students will develop initial devising, character and performance ideas in response to the brief.
Production Design students will develop initial design concepts and production ideas in response to the brief.</td></tr>
<tr><td rowspan="2">Topics to be covered</td><td colspan="3">Students should be prepared to:
Identify the key requirements of a brief
Interpret a theme or stimulus
Consider the purpose and target audience
Generate an appropriate creative concept
Select an appropriate performance or production style
Explain how ideas respond to the requirements of the brief
Identify relevant practitioner or professional influences
Suggest how initial ideas could be practically explored and developed
Identify appropriate resources needed to develop and realise ideas
Use appropriate Performing Arts terminology</td></tr>
<tr><td>Dance students should also consider:
Choreographic ideas and movement content
Use of space, dynamics and relationships
Physical and expressive skills
Music and accompaniment
Structure and choreographic devices
How movement could communicate the theme and intentions</td><td>Acting students should also consider:
Character and role
Physical and vocal performance ideas
Relationships between characters
Use of space and staging
Structure and dramatic techniques
How performance choices could communicate the theme and intentions</td><td>Production Design students should also consider:
Costume
Lighting
Set
Props
Sound
Practical requirements and resources
How production choices could communicate the theme, atmosphere and intentions</td></tr>
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Revision tips/techniques	1. Know how to break down a brief. Look for the theme, stimulus, purpose, target audience and any specific requirements. 2. Practise generating ideas from a stimulus. Use images, words, quotations or themes and challenge yourself to develop several possible responses. 3. Know your pathway terminology. Make sure you can confidently use appropriate Acting, Dance or Production Design vocabulary. 4. Think about influences. Revise practitioners, styles and professional works that could help influence your creative ideas. 5. Always link back to the brief. Don't just state an idea. Explain why it is appropriate and how it responds to the theme, purpose or target audience. 6. Think practically. Be prepared to explain how you would test, explore and develop your initial ideas during rehearsals or production development. 7. Review your Component 3 preparation materials and handwritten notes before the assessment.

English/English Literature	Trial exam	
Paper length/component **Overview.**	**Language Component2 - 2 hrs.** **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) **Section B** Write two non-fiction writing tasks. (one hour – 40 marks) .	**Component 2 Literature paper** 2 hours The paper will consist of four questions. **Section A** Macbeth – extract question (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)
Topics to be covered	**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 Article Guides Speech	**Macbeth - Characters** Lady Macbeth Macbeth Banquo Macduff **Themes** See Macbeth knowledge organiser for possible theme questions. **Poetry Anthology:** Booklet 1: Catrin/ Blackberry Picking/ War Photographer/ Remains. Booklet 2: Cousin Kate/ Drummer Hodge/ Kamikaze/ Dusting the Phone. Booklet 3: I Shall Return/ I Wandered Lonely as a Cloud.
Revision topic	**Non-fiction reading and writing**	**Macbeth/poetry**
Revision technique	**Reading:** learn the strategy for each questions/ practise writing answers under timed conditions/ check answers against the mark scheme. 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.	Timelines/ revision of poetry contexts/ key quotations for each character or poem/ exploding quotations (think: what/how/why?), selecting knowledge to plan any essay question/ practising writing under timed conditions/ pairing poems and finding three points of comparison.

Food and Nutrition	Trial exam Exam Board - AQA
Paper length/component **Overview.**	**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	**Section A (Multiple choice questions)** – 20 marks **Expectations: Identify the correct answer to the question from 4** You must show knowledge of: • Food choice – religion • Food poisoning • Food labels • Vitamins • Danger zone • Enzymes • Food spoilage • Diet related illnesses • Raising agents • Gluten formation • The eatwell guide • Plasticity • Protein complementation • Food labelling **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: • Functions of water • Carbohydrates • Fibre • Healthy eating guidelines • Food choice • Organic farming • Food safety – buying, storing, preparing • Sustainable fishing • Sensory profiles • Sensory testing • Shortening process • Problem solving – pastry making • Enzymic browning • Fortification •
Revision technique	Knowledge organiser 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 Seneca learning Foodafactoflife.com

French Trial Exam **Exam Board – Pearson Edexcel**				
Speaking	**Listening**	**Reading**	**Writing**	
Total of 50 Marks	**Total of 50 Marks**	**Total of 50 Marks**	**Total of 50 Marks**	
3 Sections: **Task 1: Read aloud** Read 1 short passage of French. Answer 2 follow-on questions. *(12 marks)* **Task 2: Role play** Five prompts in English – Give 5 details / pieces of information in French. *(10 marks)* **Task 3: Picture task with conversation** 1 picture to describe (from a choice of 2). Answer 2 follow-on questions. Take part in a broader conversation. *(28 marks)*	**2 Sections:** **Section A:** **Listening comprehension** All questions and answers in English *(40 marks)* **Section B:** **Dictation** 6 sentences to listen to and write in French *(10 marks)*	**2 Sections:** **Section A:** **Reading comprehension** All questions and answers in English *(40 marks)* **Section B:** **Translation into English** 5 sentences (F) 1 paragraph (H) *(10 marks)*	**Foundation Writing:** **4 Writing Tasks** **Task 1:** **Write 4 sentences to describe a photograph.** *(8 marks)* **Task 2:** Choose 1 of 2 tasks **Write 3 sentences** (40-50 words, including 1 opinion and 1 future tense) *(14 marks)* **Task 3:** Choose 1 of 2 tasks **Write 80-90 words.** Include 3 tenses and opinions. *(18 marks)* **Task 4:** **Translation Task** **Translate 5 sentences into French**. 4 present tense 1 past tense 1 third person (he /she) *(10 marks)*	**Higher Writing:** **2 Writing Tasks** **Task 1:** Choose 1 of 2 tasks **Write 80-90 words.** Include 3 tenses and opinions. *(18 marks)* **Task 2:** Choose 1 of 2 tasks **Write 130-150 words.** Include 3 tenses and opinions. *(22 marks)* **Task 3:** **Translation Task** **Translate 1 paragraph of 5 sentences into French.** Past, present and future tenses. A variety of first and third person (he/she) sentences. *(10 marks)*
Exam Duration: **7-9 Minutes (F)** **10-12 Minutes (H)** *15 minutes preparation time for all.*	Exam Duration: **45 Minutes (F)** **1 hour (H)**	Exam Duration: **45 Minutes (F)** **1 hour (H)**	Exam Duration: **1 hour 15 Minutes (F)**	Exam Duration: **1 hour 20 Minutes(H)**

GCSE FRENCH REVISION TOPICS

Module 1 - Lifestyle and Wellbeing

- **Topic 1: Sports and Exercise**
- **Topic 2: Physical and Mental Wellbeing**
- **Topic 3: Healthy Eating – Food and Drink**

Module 2 – My Personal World

- **Topic 1: Friendships and Role Models**
- **Topic 2: Relationships and Equality**
- **Topic 3: Activities with Family and Friends**

Module 3 – Media and Technology

- **Topic 1: TV and Film**
- **Topic 2: Music**
- **Topic 3: Social Media and Gaming**

Module 4 – My Neighbourhood

- **Topic 1: Shopping**
- **Topic 2: In the town**
- **Topic 3: Environmental Issues**

Module 5 - Travel and Tourism

- **Topic 1: Countries and Transport**
- **Topic 2: Holiday Accommodation**
- **Topic 3: Tourist Attractions and the Weather**

Module 6 – Studying and My Future

- **Topic 1: Life at School**
- **Topic 2: Future Opportunities**

Revise EVERY topic.

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 **Wordwall**, **Quizlet** and **GCSE Bitesize** to practise.

For the **writing exam**: practice writing sentences including **past, present and future verbs** and **opinions** on each of the key topic areas.

Geography	Trial Exam Exam Board - AQA
Paper length /Component. **Overview.**	**2 HOUR EXAM** **<u>Paper 1</u> – 1 HOUR (Section A and Section B)** **<u>Paper 2</u> – 1 HOUR (Section A and Section B)**
Topics to be covered	**<u>Paper 1:</u>** **Natural Hazards (30 mins)** • UK Extreme Climate (6) • Climate Change – Reducing Effects • Tropical Storms – reducing the effects • Effects and Responses to Earthquakes – Case-studies (9) **Living World (30 mins)** • Food chains/webs • Causes of Deforestation in Tropical Rainforests (6) • Deserts – Adaptations of Plants and Animals (9) **<u>Paper 2:</u>** **Urban Landscapes (30 mins)** • Growth of cities – reasons • UK Cities – Importance and migration • Commuter settlements – rural/urban fringe (6) • LIC/NEE Cities – Social and Economic Opportunities (9) **The Economic World (30 mins)** • Causes of uneven development • Rural landscapes – villages (positive and negative changes) (6) • NEE/LIC - Effects of development on quality of life • TNCs – Impacts on HOST country (NEE/LIC) (9)
Revision technique	• **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 two hours of independent revision PER TOPIC – 4 Topics in total** • AQA | GCSE | Geography | Assessment resources (Practice Papers)

History	Trial exam Exam Board-EDEXCEL
Paper length/component **Overview.**	**1 Hour 20 mins Exam** **Full Paper 1 Trial**
Topics to be covered	**<u>Medicine 1250-Modern</u>** • Topic Timeline. (Revision Guide p2-3) • Medieval – causes of disease AND cures/treatments/prevention of disease. (Revision Guide – p4-13). • Renaissance – Case Study – Great Plague AND Key Individuals. (Revision Guide – p15,16,19,20,21). • Industrial Revolution – cures/treatments/prevention of disease AND Key Individuals. (Revision Guide – p28-33) • Modern – causes of disease AND cures/treatments/prevention of disease. (Revision Guide – p40-46). • WW1 – ALL CONTENT (Revise from the booklet completed during your lessons in class).
Revision technique	Remember your revision should be **F L A T**. **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. **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. **A= Active.** DO things when you are revising. Sitting staring at the page "reading" notes is NOT effective revision. **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.

Mathematics	Trial exam	Exam Board – Edexcel
Paper length **Overview.**	Paper 1 – 1 Hour 30 minutes (Non-Calculator) Paper 2 – 1 Hour 30 minutes (Calculator) Paper 3 – 1 Hour 30 minutes (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.	
Revision technique	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. 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). Past papers are the best way to do this. We have plenty available upstairs in Maths. MathsWatch interactive questions and video tutorials. www.vle.mathswatch.co.uk Revision guide and workbook (if purchased)	
Tier of entry for Trial exam	Higher Tier - sets 1/2/3/4/5 Foundation Tier - sets 6/7/8/9/10	

Higher Tier – sets 1/2/3/4/5

Number and Proportion	Clip(s)	Algebra	Clip(s)
Writing numbers as a product of prime factors	78	Simple rearranging formula	136
HCF common factor and LCM (Lowest common multiple)	79	Factorising an expression involving powers	94
Fraction of an amount	72	Drawing a quadratic from a table of values, roots, turning point	98
Dividing a ratio	106, 165a	Expanding a bracket including negative numbers	134a
Writing a ratio as n:1	165a	Remember anything to the power zero is 1	135a
Dividing a 3 part ratio	106, 165a	Solving a fractional equation with unknowns on both sides	178
Writing a number in standard index form	83	Expanding triple brackets	210a
Converting standard form into an ordinary number	83	Simplifying an algebraic fraction	139
Addition/subtraction/multiplication/division in standard index form	83	Solving an inequality	96, 159a
Using a calculator and writing a number to significant figure	77, 90	Inequalities and graphs	193
Reverse calculations, reverse percentages	110	Algebraic proof	177, 189
Percentage profit	106	Converting recurring decimals to fractions	214a, 214b, 215
Number and Proportion	**Clip(s)**	**Algebra**	**Clip(s)**
Exchange rates	105	Functions	194
Error intervals	155a	Exponential functions	210b
Growth and decay	164	Solving an algebraic fraction	212
Laws of indices	131, 54	Solving a quadratic inequality	211, 197
Fractional indices	188	Solving a simultaneous equation involving (circle and linear)	208
Scale factor, area factor, and volume factor	201	Tangents, circles and coordinate geometry	
Direct and inverse proportion including powers and roots	199		
Surds including rationalising	207a, 207b, 207c		
Calculations with upper and lower bounds	206		

Geometry and Measure	Clip(s)	Probability & Statistics	Clip(s)
Reverse area of a trapezium and finding the perimeter of a trapezium	56	Probability from a table	59
Area of a circle and triangle problem solving	117	Drawing a frequency polygon	165b
Co-ordinate problem solving	NA	Missing mean from a set of data	62
Calculating average speed	142a	Probability tree diagram	151
Density, mass and volume	142b	Box plots and analysis	187
Types of graphs - reciprocals, cubic, quadratic, exponential	96, 98, 161	Product rule for counting	69
SOH CAH TOA	168	Advanced probability tree diagram without replacement	175, 204

Advanced trigonometry (cosine, sine rule, area of a triangle)	202a, 202b, 203	Histogram	205
Angle in polygon problem solving question	123	Venn diagram and conditional probability	185
Similar triangles	144		
Transformations	48, 49, 50, 148		
Velocity time graphs	216a, 216b		
3D Trigonometry	218		
Equations of linear graphs and problem solving	159a, 159b		
Volumes of cones and cylinders in reverse	171, 119		
Circle theorems	183		
Vectors	219		
Transformations of function	196a		

Foundation Tier - sets 6/7/8/9

Number	Clip(s)	Algebra	Clip(s)
Integer, decimal arithmetic, rounding & standard Form		**Basic algebraic manipulation**	
Ordering numbers & Place value	**1**	Collecting like terms	A6,
Rounding to decimal places	**2**	Simplifying expressions	A7,
Negative Numbers	**23**	Indices Laws	29,
Finding Multiples and Factors	**28**	Function Machines	36,
Multiplying decimals by whole numbers	**66**	Expanding brackets	93,
Calculator Questions	**77**	Factorising	94,
Adding numbers in Standard Form	**83**	Substitution	95,
Significant figures	**90**	Forming and solving equations	134b,
Estimating	**91**	Inequalities on number lines	137,
Fractions, decimals & percentages		Solving linear equations	138,
Equivalent fractions	**25**	Error Intervals	139,
Adding and subtracting fractions	**71**	Simultaneous Equations	155a,
Finding fractions of amounts	**72**	Basic algebraic manipulation	162
Multiplying fractions	**73**	Collecting like terms	A6,
Dividing fractions	**74**	**Graphs and sequences**	
Powers & Roots	**81**	Plotting coordinates	8,
Converting between fractions, decimals & Percentages	**85**	Linear graphs	96,
Percentages of Amounts	**87**	Plotting Quadratic Graphs	98,
Ratio, Scale & Compound measures		nth term of a sequence	102,
Map scales and ratios	**38**	Fibonacci Sequence	103,
Scaling up Recipes	**39**	Real-life graphs	141,
Exchanging money	**105**	Equation of lines	143,

Speed, distance & time	**142a**	Column Vectors	159a
Density, mass & volume	**142b**		
Distance-Time Graphs	**143**		

Geometry and measure	Clip(s)	Probability & Statistics	Clip(s)
Conversions		**Data Handling**	
Convert metric units	112	Reading off Timetables	6a,
2D Shape Calculations		Bar charts	15,
Perimeter of shapes	52,	Frequency Trees	57,
Area of rectangles, triangles & trapeziums	53,	Two-way Tables	61,
Area of circles	54,	Averages and Range	62,
Angles in Polygons	56,	Frequency diagrams	65a,
Bearing	117,	Frequency Polygons	65b,
Similar shapes – show lines are parallel	123,	Pie Charts	128a,
Loci	124,	Stem & Leaf Diagrams	128b,
Trigonometry	144, 146, 168	Averages from a table	130
3D Shape and Angle properties		**Probability**	
Classifying angles	13,	Probability basics	59,
Angle properties	45,	Experimental probability	125
Surface Area of Cubes	114,	Tree diagrams and combined events	151
Volume of cuboids	115,		
Volume of prisms	119,		
Parallel line angle rules	120,		
Angle in triangles and quadrilaterals	121		

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.

Music Production	**Trial exam** **Exam board - NCFE**
Paper length/component **Overview.**	Written and listening paper – 1 hour 30 minutes. 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.
Topics to be covered	- History of music technology *(1940s to current day)* - The music business - Using a digital audio workstation - Musical elements *(use of dynamics, rhythm, pitch, structure, melody, instrumentation, tempo, texture, tonality and harmony)* - Musical styles and genres - Sound creation - Multi-track recording *(microphones, techniques, health & safety)* - Multi-track mixing *(dynamic processors, effects, EQ, volume and panning)*
Revision technique	Use information in orange folders linked to each of the revision topics above. Create mind maps or cue cards for each topic including key words. Use practice papers supplied by your class teacher to practice answering the different styles of questions.

PE	Trial exam Exam board - OCR
Paper length / component **Overview.**	**Paper 1 – Physical Factors affecting performance** **Paper 2 – Socio-cultural issues and sport psychology** • 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: ➢ **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 on body systems • Components of fitness • Principles 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 technique	**READ** the topic, have a **BREAK**, **TEST** yourself then **REVIEW** how you have done. **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.

Religious Studies	Trial exam
Paper length/component **Overview.**	**Religious Studies – Eduqas Spec B** Component 1 Foundational Catholic Theology – 1 hour 30 mins Component 2 Applied Catholic Theology – 1 hour 30 mins Component 3 Judaism – 1 hour Please see the below table which outlines the topics that will feature on your trial exam.
Units to be covered and revised	**Component 1 Foundational Catholic Theology** **Origins and Meaning** • Key concepts • Catholic social teaching: Peace • Michelangelo's "Creation of Adam" • Christian and Jewish beliefs about the origin of human beings: Genesis, God, science, evolution etc • Christian and Jewish beliefs about teachings about abortion **Good and Evil** • Key concepts • Catholic teaching about suffering • Christian teaching about Original Sin • Jesus' moral teaching v Pope, Saints etc • Pilgrimage **Component 2 Applied Catholic Theology** **Life and Death** • Key concepts • Significance of prayer • Funeral rites • Ethics of Euthanasia **Sin and Forgiveness** • Key concepts • Catholic teachings on punishment • Catholic teachings on evangelisation • Significance of Eucharist • Importance of Church features: altar and font • Christian views on forgiveness **Component 3 Judaism** **Beliefs and Teachings** • Key concepts • Pikuach Nefesh (sanctity of life) • Covenants - Abraham • Importance of 10 Commandments **Practices** • Key concepts • Use of Tenakh • Importance of Pesach (Passover) • Importance of synagogue v worship and prayer at home
Revision technique	Revision workbooks provided by RE teacher. Knowledge organisers. Notes in all three exercise books. Practice exam questions in homework book. Judaism - GCSE Religious Studies Revision - AQA - BBC Bitesize RE Beck - YouTube RS Bites - 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	Biology Unit 4 – Bioenergetics Unit 7 – Ecology Unit 5 – Homeostasis and Response Chemistry Unit 6 – Rates of Reaction Unit 7 – Organic Chemistry Unit 8 – Chemical Analysis Unit 9 – Chemistry of the Atmosphere Physics Unit 5 – Forces Unit 6 - Waves Unit 7 – Magnetism and Electromagnetism
Revision technique	- Pupils should use the retrieval quizzes and questions and answers in their handbooks to test themselves to help them learn the content. - Pupils can also complete practice exam questions to help them prepare for the assessments. The exam board for all the science papers is AQA. - Pupils can use the independent learning section of Sparx Science. 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

Spanish Trial Exam **Exam Board – Pearson Edexcel**				
Speaking	**Listening**	**Reading**	**Writing**	
Total of 50 Marks	**Total of 50 Marks**	**Total of 50 Marks**	**Total of 50 Marks**	
3 Sections: **Task 1: Read aloud** Read 1 short passage of Spanish. Answer 2 follow-on questions. *(12 marks)* **Task 2: Role play** Five prompts in English – Give 5 details / pieces of information in Spanish. *(10 marks)* **Task 3: Picture task with conversation** 1 picture to describe (from a choice of 2). Answer 2 follow-on questions. Take part in a broader conversation. *(28 marks)*	**2 Sections:** **Section A: Listening comprehension** All questions and answers in English *(40 marks)* **Section B: Dictation** 6 sentences to listen to and write in Spanish. *(10 marks)*	**2 Sections:** **Section A: Reading comprehension** All questions and answers in English *(40 marks)* **Section B: Translation into English** 5 sentences (F) 1 paragraph (H) *(10 marks)*	**Foundation Writing:** **4 Writing Tasks** **Task 1:** **Write 4 sentences to describe a photograph.** *(8 marks)* **Task 2:** Choose 1 of 2 tasks **Write 3 sentences** (40-50 words, including 1 opinion and 1 future tense) *(14 marks)* **Task 3:** Choose 1 of 2 tasks **Write 80-90 words.** Include 3 tenses and opinions. *(18 marks)* **Task 4:** **Translation Task** **Translate 5 sentences into Spanish**. 4 present tense 1 past tense 1 third person (he /she) *(10 marks)*	**Higher Writing:** **2 Writing Tasks** **Task 1:** Choose 1 of 2 tasks **Write 80-90 words.** Include 3 tenses and opinions. *(18 marks)* **Task 2:** Choose 1 of 2 tasks **Write 130-150 words.** Include 3 tenses and opinions. *(22 marks)* **Task 3:** **Translation Task** **Translate 1 paragraph of 5 sentences into Spanish.** Past, present and future tenses. A variety of first and third person (he/she) sentences. *(10 marks)*
Exam Duration: **7-9 Minutes (F)** **10-12 Minutes (H)** *15 minutes preparation time for all.*	Exam Duration: **45 Minutes (F)** **1 hour (H)**	Exam Duration: **45 Minutes (F)** **1 hour (H)**	Exam Duration: **1 hour 15 Minutes (F)**	Exam Duration: **1 hour 20 Minutes(H)**

GCSE SPANISH REVISION TOPICS

Module 1 - Lifestyle and Wellbeing

- **Topic 1: Sports and Exercise**
- **Topic 2: Physical and Mental Wellbeing**
- **Topic 3: Healthy Eating – Food and Drink**

Module 2 – My Personal World

- **Topic 1: Friendships and Role Models**
- **Topic 2: Relationships and Equality**
- **Topic 3: Activities with Family and Friends**

Module 3 – Media and Technology

- **Topic 1: TV and Film**
- **Topic 2: Music**
- **Topic 3: Social Media and Gaming**

Module 4 – My Neighbourhood

- **Topic 1: Shopping**
- **Topic 2: In the town**
- **Topic 3: Environmental Issues**

Module 5 - Travel and Tourism

- **Topic 1: Countries and Transport**
- **Topic 2: Holiday Accommodation**
- **Topic 3: Tourist Attractions and the Weather**

Module 6 – Studying and My Future

- **Topic 1: Life at School**
- **Topic 2: Future Opportunities**

Revise EVERY topic.

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 **Wordwall**, **Quizlet** and **GCSE Bitesize** to practise.

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 Exam board - OCR
Paper/component **Overview**	**R180 – Written Exam (40%) -** Exam duration will be 60 mins and will out of 50 marks and will cover three topic areas. **R181 and R183 – Coursework (60%) –** 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.
Topics to be covered	**R180 (Written Exam)** **Topic Area 1: Different factors which influence the risk and severity of injury.** • Extrinsic factors – Types of sports activity, coaching/instructing/leading, environment and equipment. • Intrinsic factors – Individual variables, psychological factors, reasons for aggression and mental strategies. **Topic Area 2: Warm up and cool down routines.** • Components of a warm-up. • Physiological and psychological benefits of a warm-up. • Components of a cool down. • Physiological benefits of a cool down. **R181 (Coursework)** **Topic Area 1: Components of fitness applied in sport.** • Fitness component tests, conduct/record results and give strengths/weaknesses. • Skill based fitness tests, conduct/record results and give strengths/weaknesses. • The characteristics of a balanced nutrition • The role of nutrients within a healthy, balanced nutrition plan **Topic Area 2: Principles of training in sport.** • Principles of training and goal setting in a sporting context. • Methods of training and their benefit. • The dietary requirements for, an aerobic/endurance activity, an anaerobic/short intense activity and a strength-based activity. **Topic Area 3: Organising and planning a fitness training programme.** • Factors when planning a fitness programme. • Planning a fitness programme. • Recording results from a fitness programme. • Create a two-week nutrition plan • Clarify the nutrition plan's goals and how the goals will be measured to judge their effectiveness and adapted if necessary. • Using the goals set above, analyse the effectiveness of the plan and suggest areas to improve **Topic Area 4: Evaluate own performance in planning and delivery of a fitness programme.** • Effectiveness of a fitness programme. • discuss the effects of over-eating on sports performance • discuss the effects of under-eating on sports performance, discuss the effects of dehydration on sports performance
Revision tips/techniques	**READ** the topic, have a **BREAK**, **TEST** yourself then **REVIEW** how you have done. **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.

Sports Studies	Trial Exam Exam board - OCR
Paper/component **Overview**	**<u>R184 – Written Exam</u> -** Exam duration will be 60 mins and will out of 50 marks and will cover three topic areas. **<u>R185 – Coursework</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.
Topics to be covered	**<u>R184 (Written Exam)</u>** **Topic Area 1: Issues which affect participation in sport.** • 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. **Topic Area 2: The role of sport in promoting values.** • 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. **Topic Area 3: The implications of hosting a major sporting event for a city or country.** • 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. **<u>R185 (Coursework)</u>** **Topic Area 1: Practical performance in two activities.** **Topic Area 2: Applying practice methods to support improvement in a sporting activity.** • Strengths and weaknesses. • Methods to improve (Practices and drills). • Measuring improvement in performance. **Topic Area 3: Organising and planning a sports activity session.** • Lesson plan. • Risk assessment. **Topic Area 4: Leading a sports activity session.** **Topic Area 5: Reviewing your own performance in planning and leading a sports activity session.**
Revision tips/techniques	**READ** the topic, have a **BREAK**, **TEST** yourself then **REVIEW** how you have done. **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.