



**The English Martyrs
Catholic School and
Sixth Form College**

Prep Exams Revision Guide

Exams Start Date: 15th November 2021 | Duration: 2 Weeks

Please note:

This booklet does not contain revision material for:
Fashion & Textiles, Product Design, Engineering, Health and Social Care,
Art & Design, Photography, Graphics and iMedia. These subjects will be
focusing on Coursework and in the case of H&S, the external exam in January
2022.

**NO-ONE
ever leaves an exam
wishing they had
REVISED LESS**

Season : Final Year 11 Preparatory Examination Timetable November 2021

Date	Start	Length	Component	Component Title	Cands	Room
Mon 15 Nov	09:00	01:45	8702	Eng Lit: Shakespeare and the Modern Text	259	Sports Hall
Tue 16 Nov	09:00	01:15	8464/B1F	Com Sci: Biology P1F	TBC	Sports Hall
	09:00	01:15	8464/B1H	Com Sci: Biology P1H	TBC	Sports Hall
	09:00	01:45	8461/1H	Biology Paper P1 [H]	45	Sports Hall
Wed 17 Nov	09:00	01:30	8035/1	Geography Paper 1 - Physical Environment	134	Sports Hall
	AM		8658/SP	French Speaking Tests	48	TBC
Thu 18 Nov	09:00	00:35	8658/LF	French Listening [F]	17	M11
	09:00	00:45	8658/LH	French Listening [H]	31	6th Form Lib
	09:40	00:45	8658/RF	French Reading [F]	17	M11
	09:50	01:00	8658/RH	French Reading [H]	31	6th Form Lib
Fri 19 Nov	09:00	01:15	8464/C1F	Com Sci: Chemistry P1F	TBC	Sports Hall
	09:00	01:15	8464/C1H	Com Sci: Chemistry P1H	TBC	Sports Hall
	09:00	01:45	8462/1H	Chemistry Paper 1 [H]	45	Sports Hall
Mon 22 Nov	09:00	01:15	8464/P1F	Com Sci: Physics P1F	TBC	Sports Hall
	09:00	01:15	8464/P1H	Com Sci: Physics P1H	TBC	Sports Hall
	09:00	01:45	8463/1H	Physics Paper 1 [H]	45	Sports Hall
Tue 23 Nov	09:00	01:15	8035/2	Geography Paper 2 - Human	134	Sports Hall
Wed 24 Nov	09:00	01:45	8702	English: Writer's Viewpoints & Perspectives	259	Sports Hall
Thu 25 Nov	09:00	00:35	8668/LF	German Listening [F]	2	6th Form Lib
	09:00	00:45	8668/LH	German Listening [H]	10	M11
	09:40	00:45	8668/RF	German Reading [F]	2	6th Form Lib
	09:50	01:00	8668/RH	German Reading [H]	10	M11
	09:00	01:15	8582/1	PE Paper 1 - The Human Body	34	Sports Hall
	11:00		8668/SP	Spanish Speaking Tests	9	TBC
Fri 26 Nov	09:00	00:35	8698/LF	Spanish - Listening [F]	3	M11
	09:00	00:45	8698/LH	Spanish - Listening [H]	6	6th Form Lib
	09:40	00:45	8698/RF	Spanish - Reading [F]	3	M11
	09:50	01:00	8698/RH	Spanish - Reading [H]	6	6th Form Lib
	09:00	01:00	J277	Algorithms & Programming	20	TBC
Mon 29 Nov	09:00	01:45	1M10/3	Music: Listening	13	MU3
	AM		8582/P	Football and Netball Final Practical	34	Sports Hall
	11:15		8668/SP	German Speaking Tests	12	TBC

Date	Start	Length	Component	Component Title	Cands	Room
Mon 15 Nov	13:00	01:00	RS1a	RS - Judaism	258	Sports Hall
Tue 16 Nov	13:00	01:30	1MA1/H	EDEX Maths Unit 1 Non Calculator - Higher	162	Sports Hall
	13:00	01:30	1MA1/F	OCR Maths Unit 1 Calculator - Foundation	97	Sports Hall
Wed 17 Nov	13:00	01:15	1H10/10	History: Crime and Punishment	123	Sports Hall
	PM		8658/SP	French Speaking Tests	48	TBC
Thu 18 Nov	13:00	01:30	1MA2/H	EDEX Maths Unit 2 Calculator - Higher	162	Sports Hall
	13:00	01:30	1MA2/F	OCR Maths Unit 2 Non Calc - Foundation	97	Sports Hall
Fri 19 Nov	13:00	01:30	RS1b	RS - Applied Catholic Theology	258	Sports Hall
Mon 22 Nov	13:00	01:45	8702	English: Explorations in Creative Read & Writ	258	Sports Hall
Tue 23 Nov	13:00	01:30	1MA3/H	EDEX Maths Unit 3 Calculator - Higher	162	Sports Hall
	13:00	01:30	1MA3/F	OCR Maths Unit 3 Calculator - Foundation	97	Sports Hall
Wed 24 Nov	13:00	01:30	J204/01	Business	36	Sports Hall
	13:00	01:30	J277/01	Computer Systems	20	Sports Hall
	13:00	01:30	8236/2	Dance Appreciation	13	Sports Hall
Thu 25 Nov	13:00	01:00	8658/WF	French Writing [F]	17	Sports Hall
	13:00	01:15	8658/WH	French Writing [H]	31	Sports Hall
	PM		8698/SP	Spanish Speaking Tests	9	TBC
Fri 26 Nov	13:00	01:00	8668/WF	German Writing [F]	2	TBC
	13:00	01:15	8668/WH	German Writing [H]	10	TBC
	13:00	01:00	8698/WF	Spanish - Writing [F]	3	TBC
	13:00	01:15	8698/WH	Spanish - Writing [H]	6	TBC
Mon 29 Nov	PM		8668/SP	German Speaking Tests	12	TBC

Revision: Top Ten Tips for Parents

Exams are undoubtedly nerve-racking for children and their parents. Fraught mums and dads watch over their children during the holidays or 'study leave' and wonder to what degree they should be helping. So, with that in mind, here are our top ten tips on how to help children to revise effectively.

1. Encourage your child to make a revision timetable – and stick to it.
2. Make sure your child has a quiet space to work, with no distractions.
3. Help to find the method of learning and retaining information that works best for them. It could be reading and making notes, using flash cards or Post-it notes, looking at video clips, playing back recordings of their own voice, mind mapping or perhaps a mixture of these. A clutch of youtube videos produced for Radio 1, 1Xtra and BBC Bitesize is full of useful ideas.
4. Check the exam specifications. All exam boards publish these, along with practice papers and mark schemes too.
5. Search out revision apps and online resources – such as BBC Bitesize and Gojimo – to clarify areas your child feels less confident about. Teenagers sometimes concentrate on their best subjects and leave their weaker ones till the end but it is a good idea to tackle weak areas early on.
6. Be around as much as possible. You don't have to be at their side 24/7 but children like parents taking an interest in their revision (but not taking over).
7. Keep the kitchen cupboard stocked with delicious food. When the going gets tough children really appreciate a cup of tea, a plate of biscuits or their favourite meal.
8. Encourage them to break revision into manageable chunks and to take regular breaks in between revision sessions. It's far more effective to do 30 minutes of successful revision – rather than plough on for hours on end and not get anywhere. This is backed up by research by academics at the University of Sheffield who found that learning is more effective when spread out over stretches of time.
9. Exercise, fresh air, healthy food and lots of sleep are crucial.
10. Most important of all, help your child to keep everything in perspective. Remind them that the better they prepare and the more confident they feel in their subject knowledge the less stressed they will feel when the exams start. But by the end of June the exams will be over and it will be the start of the long summer holidays.

Above advice is sourced from the [Good Schools Guide](#)

Subject: Biology

Which papers will the students be sitting in this preparation examination?

- All students will sit a paper 1

Key knowledge

Combined Science Foundation

- Health, Lifestyle and Exercise
- Respiration
- Breathing and Gas Exchange
- Drug Testing
- Transpiration and Factors Affecting Transpiration
- Communicable Disease
- Non-Specific and Specific Defences
- Osmosis
- Digestion and Enzymes
- IAM Formula triangle
- Diffusion and Active Transport

Combined Science Higher

- Osmosis
- Digestion and Enzymes
- IAM Formula Triangle
- Diffusion and Active Transport
- Health, Lifestyle and Exercise
- Respiration
- Eukaryotic and Prokaryotic Cells
- Vaccination
- Photosynthesis and Factors Affecting Photosynthesis
- Drug Testing

Separate Biology

- Photosynthesis and Factors Affecting Photosynthesis
- Diffusion in Plants, Diffusion in the Lungs
- Osmosis and Active Transport in Plant Roots
- IAM Formula Triangle and Unit Conversion
- Cell Cycle and Mitosis
- Digestion and Enzymes
- Food Tests
- Plant Defences and Deficiencies
- Drugs from Plants
- Health, Lifestyle
- Glucose Control
- Monoclonal Antibodies
- Non-Specific and Specific Defences to Pathogens
- Drug Testing

Key Skills

- There are required practicals to revise for paper 1:
- Microscopy, Microbiology (Separates only), Osmosis, Food Tests, Effects of pH on enzymes, Light Intensity and Photosynthesis

Useful revision tools

- Revision guides are available for purchase – please see your class teacher.
- Folder in the Science area of year teams that is called 'Biology suggested revision'. Inside there, there is a further folder called 'GCSE questions'. You will find exam questions and mark schemes to practice with for all units.
- GCSEPod.
- Seneca.
- BBC Bitesize.
- Monday night KS4 drop in and Year 11 Mastery sessions.

Subject: Business Studies

Which papers will the students be sitting in this preparation examination?

- 1 paper for 1hr 30 mins
- This paper will test their knowledge on everything they have studied from Year 10 and everything they have studied so far in year 11.

Key knowledge

- Unit 1 – Business Activity
- Unit 2 – Marketing
- Unit 3 – People
- Unit 4 – Operations
- Unit 5 – Finance (A small section of finance will be covered in the exam - students will be informed closer to the time exactly what aspects of Finance they will need to revise)

Key Skills

Students will need to showcase the following skills throughout the exam paper.

- Knowledge and understanding – vocab, key concepts and terms. Examples given were appropriate.
- Application – apply their learning to the businesses in question and link the question back to the given business.
- Analysis – broad and balanced arguments should be given, benefits and drawbacks. Developed, logical chains of reasoning is expected.
- Evaluation – Judgement and justification, own opinion and recognition of other factors that could alter decision.

Students will be expected to demonstrate the above skills in both MCQ's, short answer and long answer questions attached to a case study.

Useful revision tools

- Students will need to showcase the following skills throughout the exam paper.
- Knowledge and understanding – vocab, key concepts and terms. Examples given were appropriate.
- Application – apply their learning to the businesses in question and link the question back to the given business.
- Analysis – broad and balanced arguments should be given, benefits and drawbacks. Developed, logical chains of reasoning is expected.
- Evaluation – Judgement and justification, own opinion and recognition of other factors that could alter decision.
- Students will be expected to demonstrate the above skills in both MCQ's, short answer and long answer questions attached to a case study.

Subject: Chemistry

Which papers will the students be sitting in this preparation examination?

- Higher and foundation level Combined Science: Paper 1
- Separate Science Chemistry: Paper 1 and 2 mix

Key knowledge

Combined Science Foundation

- Acids and bases
- Separation techniques
- Reactivity of metals
- History of the atom
- Group 7 elements
- Quantitative Chemistry
- Elements and compounds
- Bonding and structure
- Electrolysis

Combined Science Higher

- Electrolysis
- Covalent bonding
- Acids and bases
- Rates of reaction
- History of the atom
- Quantitative Chemistry
- Group 1 elements

Separate Chemistry

- Structure and bonding
- Reactivity of metals
- Conservation of mass
- Separation techniques
- Electrolysis
- History of the atom
- Displacement reactions
- Exothermic and endothermic
- Group 7 elements
- Quantitative Chemistry
- Fuels and combustion
- Rates of reaction

Key Skills

- Planning experiments
- Analysing data/graph plotting
- Spotting trends
- Numeracy

Useful revision tools

- BBC Bitesize
- GCSE Pod
- Youtube revision videos
- revision guides and workbooks

Subject: Computer Science

Which papers will the students be sitting in this preparation examination?

Practice Paper 2020

- Unit 1: Computer Systems
- Unit 2 Computational thinking algorithms and programming

Key knowledge

Unit 1: computer systems

- Systems architecture
- Memory and storage
- Computer networks, connections and protocols
- Network security
- Systems software
- Ethical, legal, cultural and environmental impacts of digital technology

Unit 2: Computational thinking algorithms and programming

- 2.1 Algorithms
- 2.2 Programming fundamentals
- 2.3 Producing robust programs
- 2.4 Boolean logic
- 2.5 Programming languages and Integrated Development Environments

Key Skills

Unit 1: Computer systems

- Be able to describe fetch execute cycle with reference to different registers
- Be able to explain the difference and need for different primary memory and storage
- Be able to convert between different number systems e.g. binary, hex and denary.
- Be able to explain how sound and images are stored with reference to lossy and lossless compression.
- Be able to explain different network topologies and discuss advantages and disadvantages of each.
- Be able to explain the hardware that is needed to connect to a network and explain networking protocols.
- Be able to explain different types of software and their purpose.
- Be able to discuss the legal and ethical issues around the increased use of ICT/computing.

Unit 2:

- Be able to produce algorithms for a given scenario using a range of programming techniques including;
- Selection
- Iteration
- Sequencing
- File handling

Useful revision tools

- <https://www.bbc.co.uk/bitesize/examspecs/zmtchbk> (GCSE OCR)
- Craig n Dave YouTube channel - <https://www.youtube.com/channel/UC0HzEBLIJxlrwBAHJ5S9JQg> (OCR GCSE J277)
- Programming Skills:
- <https://www.codecademy.com/catalog/language/python>

Subject: Dance

Which papers will the students be sitting in this preparation examination?

1 Exam Paper (1 hour 30 minutes) – Component 2: Dance Appreciation

- Section A (37.5%): Knowledge and understanding of choreographic process and performance skills
- Section B (22.5%): Critical appreciation of own work
- Section C (40%): Critical appreciation of professional work

Key knowledge

- Section A:
 - Performance Skills – Physical, Technical, Expressive and Mental and Safe working practice
 - Choreographic Process
- Section B:
 - Critical appreciation of own work – Questions relate to component 1 performance work
- Section C:
 - Critical appreciation of professional work – Anthology

Key Skills

Section A

- Performance skills:
 - Recall keywords and definitions
- Choreographic process:
 - Stimuli - Creative Thinking
 - Aural setting – Music
 - Performance environment
 - Motif
 - Costume
 - Development – Action/Dynamics/Space

Section B:

- Critical appreciation of own work
 - Describing
 - Analysing
 - Evaluating
 - Reflecting
 - Choreographic Process
 - Choreographic Intent

Section C:

- Critical appreciation of professional work:
 - Revise all six-professional works (Anthology)
 - Production Feature
 - Performance Environment
 - Choreographic Approach
 - Choreographic Content
 - Choreographic Intent

Useful revision tools

<https://quizlet.com/83282957/gcse-dance-flash-cards/>

<https://www.brainscape.com/subjects/gcse-dance>

<https://arts-pool.co.uk/resources/>

Subject: English Language

Which papers will the students be sitting in this preparation examination?

Awarding Body: AQA Specification Code: English Language (8700)

Paper 1

- Explorations in Creative Reading and Writing (50% of GCSE)
 - Section A: Reading - One fiction text
 - Section B: Writing – Descriptive or narrative writing (80 marks)

Paper 2

- Writers' Viewpoints and Perspectives (50% of GCSE)
 - Section A: Reading – Two non-fiction texts
 - Section B: Writing – Writing to present a viewpoint (80 marks)

Key knowledge

- Understanding of language techniques and their effects
- Understanding of how texts are constructed for specific purposes
- read fluently, and with good understanding, a wide range of texts from the 19th, 20th and 21st centuries, including literature and literary non-fiction as well as other writing such as reviews and journalism
- use knowledge gained from wide reading to inform and improve their own writing
- acquire and apply a wide vocabulary, alongside a knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language

Key Skills

- read and evaluate texts critically and make comparisons between texts
- summarise and synthesise information or ideas from texts
- write effectively and coherently using Standard English appropriately
- use grammar correctly and punctuate and spell accurately
- listen to and understand spoken language and use spoken Standard English effectively.

Useful revision tools

- Seneca
- GCSE Pod
- CGP revision guides
- Language homework booklet
- Class resources

Subject: English Literature

Which papers will the students be sitting in this preparation examination?

Paper 1

- 19th-century novel and Modern prose/drama (60 marks)

Paper 2

- Section A
 - Shakespeare,
- Section B
 - Part 1: unseen poem essay
 - Part 2: unseen poetry comparison (70 marks)

Key knowledge

- Understanding of language techniques and their effects
- Understanding of how texts are constructed for specific purposes
- literal and inferential comprehension: understanding a word, phrase or sentence in context; exploring aspects of plot, characterisation, events and settings; distinguishing between what is stated explicitly and what is implied; explaining motivation, sequence of events, and the relationship between actions or events
- accurate Standard English: accurate spelling, punctuation and grammar.

Key Skills

- evaluation of a writer's choice of vocabulary, grammatical and structural features: analysing and evaluating how language, structure, form and presentation contribute to quality and impact; using linguistic and literary terminology for such evaluation
- comparing texts: comparing and contrasting texts studied, referring where relevant to theme, characterisation, context (where known), style and literary quality; comparing two texts critically with respect to the above
- critical reading: identifying the theme and distinguishing between themes; supporting a point of view by referring to evidence in the text; recognising the possibility of and evaluating different responses to a text; using understanding of writers' social, historical and cultural contexts to inform evaluation; making an informed personal response that derives from analysis and evaluation of the text
- producing clear and coherent text: writing effectively about literature for a range of purposes such as: to describe, explain, summarise, argue, analyse and evaluate; discussing and maintaining a point of view; selecting and emphasising key points; using relevant quotation and using detailed textual references

Useful revision tools

- Seneca
- GCSE Pod
- BBC Bitesize
- Mr Bruff - YouTube
- Wider reading

Subject: French

Which papers will the students be sitting in this preparation examination?

- Paper 1 - Listening exam
- Paper 2 - Speaking exam
- Paper 3 - Reading exam
- Paper 4 - Writing exam

Key knowledge

You will be tested on the topics covered in Year 10 and the beginning of Year 11 which include:

- Me, my family and friends
- Technology in everyday life
- Free-time activities
- Customs and festivals
- Home, town, neighbourhood and region
- Social issues
- Global issues

Key Skills

- Write short texts using simple sentences and familiar language.
- Write longer pieces of text using a variety of language and structures.
- Describing a photo and taking part in a short conversation afterwards, giving and exchanging opinions.
- Take part in a general conversation about two of the topics studied, answering questions in detail and being able to ask at least one question.
- Listening for gist and detail, recognising the relationship between past, present and future events.
- Reading for gist and detail recognising the relationship between past, present and future events.
- Demonstrate understanding by being able to scan for particular information, organise and present relevant details, draw inferences in context and recognise implicit meaning where appropriate.
- Translate a short passage from French into English.
- Translate sentences from English into French to convey key messages accurately and to apply grammatical knowledge.

Useful revision tools

Websites

- Create an account on Quizlet to create personalised study sets of vocabulary you need to revise. Join the GCSE French AQA class created by emsfrench class to review the vocabulary set by the exam board:
<https://quizlet.com/class/3212455/>
- Use BBC Bitesize. <https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr>
- Revise by completing Foundation or Higher exam-style question
- <https://www.duolingo.com/> - Practise all language skills by completing as little or as much as you want per day.
- <https://www.languagesonline.org.uk/Hotpotatoes/index.html> Improve your grammar!

Revision guides

- CGP - New GCSE French AQA Complete Revision & Practice (with CD & Online Edition) - Grade 9-1 Course (FAS41)
- CGP - New GCSE French AQA Exam Practice Workbook - for the Grade 9-1 Course (includes Answers) (FAQ41)

Subject: Geography

Which papers will the students be sitting in this preparation examination?

- Paper 1 – (physical) UK Landscapes: River and Coasts, Living World
- Paper 2 – (Human) Changing economic world, Urban issues and challenges, field work skills

Key knowledge

Paper 1

- Section B: The living world
 - In this section, students are required to study ecosystems, Tropical rainforests and Hot deserts
 - Case studies: Amazon rainforest, Sahara desert
- Section C: Physical landscapes in the UK
 - In this section, students are required to study Coastal landscapes and River landscapes in the UK
 - Case studies: Holderness coast, River Tees

Paper 2

- Section A: Urban issues and challenges
 - In this section there students are expected
 - A growing percentage of the world's population lives in urban areas
 - Urban growth creates opportunities and challenges for cities in LICs and NEEs.
 - Urban change in cities in the UK leads to a variety of social, economic and environmental opportunities and challenges.
 - Urban sustainability requires management of resources and transport
- Section B: The changing economic world
 - There are global variations in economic development and quality of life.
 - Various strategies exist for reducing the global development gap.
 - Some LICs and NEEs are experiencing rapid economic development which leads to significant social, environmental and cultural change.
 - Major changes in the economy of the UK have affected, and will continue to affect, employment patterns and regional growth.

Fieldwork SKILLS

Students' understanding of the enquiry process will be assessed in the following two ways:

- questions based on the use of fieldwork materials from an unfamiliar context

Students will be expected to:

- apply knowledge and understanding to interpret, analyse and evaluate information and issues related to geographical enquiry.

Key Skills

- select and construct appropriate graphs and charts to present data, using appropriate scales – line charts, bar charts, pie charts, pictograms, histograms with equal class intervals, divided bar, scattergraphs, and population pyramids
- complete a variety of graphs and maps – choropleth, isoline, dot maps, desire lines, proportional symbols and flow lines
- use and understand gradient, contour and value on isoline maps
- plot information on graphs when axes and scales are provided
- interpret and extract information from different types of maps, graphs and charts, including population pyramids, choropleth maps, flow-line maps, dispersion graphs.
- use appropriate measures of central tendency, spread and cumulative frequency (median, mean, range, quartiles and inter-quartile range, mode and modal class)
- calculate percentage increase or decrease and understand the use of percentiles
- describe relationships in bivariate data: sketch trend lines through scatter plots, draw estimated lines of best fit, make predictions, interpolate and extrapolate trends

Useful revision tools

- TEAMS resources: knowledge organisers, spec-check lists, past exam question banks, MC recall questions, quizlets
- GCSEPods online app (videos and multiple choice questions)
- GCSE Geography complete revision guide and practice (parent pay £5.50)

Subject: German

Which papers will the students be sitting in this preparation examination?

4 papers – each 25% of final grade:

- Listening
- Reading
- Writing
- Speaking

Key knowledge

Vocab from topics studied in Year 10:

- Family & marriage
- Technology in everyday life
- Free-time activities
- Customs and festivals
- House and home

Vocab from topics covered in Year 11 to date:

- Holidays and travel
- Regions of Germany
- Global and social issues.

Language:

- Past, present and future tenses
- Inversion word order rule
- Verb to end word order rule
- Verb comma verb word order rule (Higher)
- Opinion vocabulary – including being able to justify your opinion
- Descriptive vocabulary
- Questions words
- Photocard language

Key Skills

- Listening for key information – answering questions in English and German
- Reading for key information – answering questions in English and German
- Describing a picture (speaking exam)
- Sustaining a conversation (general conversation part of speaking exam) including giving opinions and reasons for your opinion
- Writing at length on a given topic (choice of 3 on paper) to include a range of description, opinion and time frames.
- Reading for gist and detail recognising the relationship between past, present and future events.

Useful revision tools

BBC bitesize very useful for listening and reading practice

<https://www.bbc.co.uk/bitesize/subjects/z8j2tfr> -

Vocabulary Practice

<https://quizlet.com>

Subject: History

Which papers will the students be sitting in this preparation examination?

Crime and Punishment Unit 1 1000Ad- present day

Key knowledge

- KT1 – C&P in Medieval England, 1000-1500
 - Introduction
 - Anglo Saxon Justice
 - Norman Crime
 - Later Middle Ages
 - Influence of the Church
- KT2 – C&P in Early Modern England, 1500-1700
 - Societal change & The Gunpowder Plotters
 - Vagabondage
 - Matthew Hopkins
 - Law Enforcement
 - The Bloody Code
- KT3 – C&P in the 18th and 19th Centuries
 - Robbery, Smuggling and Poaching
 - Tolpuddle Martyrs
 - Robert Peel and the Police force
 - Developments
 - Prison Systems and Pentonville
- KT4 – C&P in Modern Britain, 1900-present
 - Changes in Crime
 - Conscientious Objectors
 - Key Changes
 - Derek Bentley
 - Prison Changes

Key Skills

Section 1

- 4 mark Key features
- 8 mark How useful are the sources
- 4 mark Follow up a source

Section 2

- 4 Mark Similarity/Difference Question
- 12 Mark Explain why
- 16 mark How far do you agree

Useful revision tools

- Teams lessons
- History Department Revision Guides
- BBC Bitesize
- Youtube Edexcel Revision GCSE History clips

Subject: Maths

Which papers will the students be sitting in this preparation examination?

Edexcel GCSE Higher

- Paper 1 is a non-calculator assessment and a calculator is allowed for Paper 2 and Paper 3.
- Each paper is 1 hour and 30 minutes long.
- Each paper has 80 marks.

OCR GCSE Foundation

- Paper 2 is a non-calculator assessment and a calculator is allowed for Paper 1 and Paper 3.
- Each paper is 1 hour and 30 minutes long.
- Each paper has 100 marks.

Key knowledge

Higher Paper

Pupils have finished the content for the GSCE maths course and so a selection of topics will be tested. A topic checklist can be found [here](#)

Foundation Paper

Pupils have finished the content for the GSCE maths course and so a selection of topics will be tested. A topic checklist can be found [here](#)

Key Skills

Higher Paper

Pupils have finished the content for the GSCE maths course and so the key skills for each topic can be found [here](#)

Foundation Paper

Pupils have finished the content for the GSCE maths course and so the key skills for each topic can be found [here](#)

Useful revision tools

Higher Paper

- <https://corbettmaths.com/wp-content/uploads/2019/03/Edexcel-Higher-Checklist.pdf>
- <https://www.mathsgenie.co.uk/papers.html>
- <https://corbettmaths.com/2019/04/01/gcse-practice-papers/>
- https://www.youtube.com/playlist?list=PLCkAjxP1zN64-Og902CF_gFybL20fsvM5
- <https://www.mathsgenie.co.uk/gcse.html>
- <https://corbettmaths.com/contents/>

Foundation Paper

- <https://corbettmaths.com/wp-content/uploads/2019/04/OCR-Foundation.pdf>
- <https://www.mathsgenie.co.uk/OCRpapers.html>
- <https://www.savemyexams.co.uk/gcse-maths-ocr-new/past-papers/>
- <https://www.youtube.com/playlist?list=PLCkAjxP1zN67ktdbS7-TpWCfQbiAsOQvS>
- <https://www.mathsgenie.co.uk/gcse.html>
- <https://corbettmaths.com/contents/>

Subject: Music

Which papers will the students be sitting in this preparation examination?

- Component 3: Appraising (Paper Code 1MU0/03)
- 1 paper= 40% of the qualification
- 80 marks in total

Key knowledge

Musical Elements, musical contexts and musical language.

Areas of Study:

- Instrumental Music 1700-1820
 - JS Bach 3rd Movement from Brandenburg Concerto no. 5 in D major
 - Ludwig van Beethoven: 1st Movement from Piano Sonata no. 8 in C minor 'Pathetique'
- Vocal Music
 - Henry Purcell: Music for a While
 - Queen: Killer Queen (from the album 'Sheer Heart Attack')
- Music for Stage and Screen
 - Stephen Schwartz: Defying Gravity (from the album of the cast recording of Wicked)
 - John Williams: Main title/rebel blockade runner (from the soundtrack to Star Wars Episode IV: A New Hope)
- Fusions
 - Afro Celt Sound System: Release (from the album 'Volume 2: Release')
 - Esperanza Spalding: Samba Em Preludio (from the album 'Esperanza')

Key Skills

The paper is made up of two sections:

- Section A - Areas of study, aural dictation and unfamiliar pieces (68 marks)
 - Six questions related to six of the 8 set works
 - One short melody/rhythmic dictation exercise.
 - One question on an unfamiliar piece (skeleton score provided) with questions on the musical elements, musical contexts and musical language.
- Section 2 – Extended response comparison between a set work and one unfamiliar piece of music (12 marks)
 - One question that asks the students to compare and/or evaluate the musical elements, musical contexts and musical language of one set work with one unfamiliar piece of music.

A CD with the music extracts will be played to all students at the same time and will repeat the extracts a set number of times.

Useful revision tools

Music First: Resources on set works and theory exercises

<https://ems6.musicfirst.co.uk/app/>

Theory revision

www.teoria.com

Revision Guide- Amazon

https://www.amazon.co.uk/dp/178558166X/ref=cm_sw_r_em_api_glt_fabc_J0FAZ8G492B3Q49TAYYN

BBC Bitesize

<https://www.bbc.co.uk/bitesize/examspecs/z6chkmn>

Subject: GCSE PE

Which papers will the students be sitting in this preparation examination?

Paper 1: The Human Body and Movement

Key knowledge

Students will learn and should revise the following topics:

- The Skeletal System
- The Muscular System
- The Cardiovascular System
- The Respiratory System
- Aerobic and Anaerobic Exercise
- Immediate, Short and Long Term Effects of Exercise
- Lever Systems
- Planes and Axis
- Components of Fitness
- Fitness Testing
- Principles of Training
- Training Target Zones
- Training Methods
- Preventing Injuries
- Use of Data

Key Skills

- A01 – Multiple Choice and Identify Questions
- A02 – Explain and Give Examples (Application)
- A03 – Evaluate, Discuss and Justify

Useful revision tools

- CGP – AQA GCSE PHYSICAL EDUCATION Complete Revision & Practice.
- Teams PP's workbook and key questions.
- BBC Bitesize: AQA Physical Education -
<https://www.bbc.co.uk/bitesize/examspecs/zp49cw>

Subject: Physics

Which papers will the students be sitting in this preparation examination?

- GCSE Physics Paper 2 – Set 1 only
- GCSE Combined Science Physics – All other sets

Key knowledge

Combined Science Foundation

- Forces and their interactions
- Work done and energy transfer
- Forces and elasticity
- Forces and motion
- Waves in air, fluids and solids
- Electromagnetic waves
- Permanent and induced magnetism, magnetic forces and fields
- The motor effect

Combined Science Higher

- Forces and their interactions
- Work done and energy transfer
- Forces and elasticity
- Forces and motion
- Momentum Waves in air, fluids and solids
- Electromagnetic waves
- Permanent and induced magnetism, magnetic forces and fields
- The motor effect

Separate Physics

- Forces and their interactions
- Work done and energy transfer
- Forces and elasticity
- Moments, levers and gears
- Pressure and pressure differences in fluids
- Forces and motion
- Momentum
- Waves in air, fluids and solids
- Electromagnetic waves
- Black body radiation
- Permanent and induced magnetism, magnetic forces and fields
- The motor effect
- Induced potential, transformers and the National Grid

Key Skills

Mathematical skills – make sure you can remember, use and rearrange the equations needed for the course. Analysing data and plotting graphs

Useful revision tools

- GCSE Revision Guides
- BBC Bitesize (Combined Science)
<https://www.bbc.co.uk/bitesize/topics/zqw77p3>
- BBC Bitesize (Physics) - <https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>
- GCSE Pod
- FreeScienceLessons on Youtube -
https://www.youtube.com/c/Freesciencelessons/playlists?view=50&sort=dd&shelf_id=5

Subject: Religious Education

Which papers will the students be sitting in this preparation examination?

WJEC Eduqas Route B

- Judaism – Beliefs and Teachings and Practices
- Applied Catholic Theology – Sin and Forgiveness and Life and Death

Key knowledge

Beliefs and Teachings

- The nature of God: one, creator, law-giver and judge, the nature and importance of the Shekinah, the nature and role of the Messiah, the covenant with Abraham, the covenant with Moses, the nature and importance of pikuach nefesh, the mitzvot and different Jewish beliefs about the afterlife.

Practices

- Orthodox and Reform synagogue services, worship in the home, the nature and features of the synagogue, Brit Milah, Bar/Bat Mitzvah, marriage, mourning, the Tanakh, the Talmud, Rosh Hashanah, Yom Kippur, Pesach and Sukkot.

Sin and Forgiveness

- Crime, sin, morality, punishment, Christian attitudes to forgiveness, Capital Punishment including different non-religious and Christian views, Catholic beliefs about salvation, omnibenevolence and hell, the nature of the Church, features of a church and salvation, the seven sacraments, evangelisation including in Britain and Pope Francis' view on evangelisation.

Life and Death

- Catholic beliefs about dying well, Catholic beliefs about the resurrection, eschatology, alternative views on life after death, the debate about the right to die, the Magisterium, the Second Vatican Council, Christian sarcophagi, the Paschal candle, music in liturgy, the funeral rite and praying for the dead and prayer.

Key Skills

- A – Definition of a key word supported by example
- B – Usually a describe question, students to give 3 developed points with scripture unless the question specifies a number of points
- C – Usually an explain question, students to give 4 PEEL paragraphs with scripture unless the question specifies a number of points
- D – Analysis and evaluation question, students to use the STOTI structure with quotes to answer this question. In the Judaism paper, students should talk about different Jewish perspectives on an issue. In the Catholic paper, students should talk about different Christian perspectives on an issue.
- S – Some Jews/Christians such as...
- T – This is a strong/weak argument because...
- O – Other Jews/Christians such as...
- T – This is a strong/weak argument because...
- I – I ultimately agree/disagree with the statement because...

Useful revision tools

- WJCE Eduqas GCSE (9-1) Religious Studies Route B. A Barron and J White.
- BBC Bitesize – this site does not have the Eduqas Route B specification but a lot of the knowledge is still relevant.

Subject: Spanish

Which papers will the students be sitting in this preparation examination?

- Paper 1: Listening
- Paper 2: Speaking
- Paper 3: Reading
- Paper 4: Writing

Key knowledge

Vocabulary for the following topics;

- Unit 1: Me, my family and friends
- Unit 2: Technology
- Unit 3: Free-time
- Unit 4: Home, town and local area
- Unit 5: Social issues
- Unit 6: Global issues

Key verbs in the present, past and future tense

Useful structures for writing - connectives, time phrases, opinion phrases, a variety of positive and negative adjectives, time phrases.

Question words

Vocabulary for describing a photocard (for part 2 of the speaking exam)

Key Skills

- Listening
 - answering questions in English and Spanish based on a Spanish audio
- Reading
 - answering questions in English and Spanish based on Spanish text.
- Speaking
 - describing a photocard, participating in a role play and a general conversation based on topics
- Writing
 - Foundation - Describing a photo with 4 simple sentences, a 40-word response to 4 bullet points, a 90-word response to 4 bullet points, a translation into Spanish
 - Higher - A 90-word response to 4 bullet points, A 150-word response to 2 bullet points, a translation

Useful revision tools

- Quizlet (ems_spanish)
- Speaking and writing mind maps
- Key structure resource
- Key verbs resource
- CGP GCSE AQA Spanish for the grade 9-1 exams – complete revision and practice
- BBC bitesize Spanish