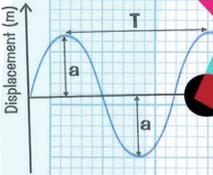




GCSE Biology gives students the chance to gain a good understanding of human biology, organisms, evolution and the environment. The specification integrates the principles of 'How Science Works' throughout the units and i

Examples:
1) An apple of mass 0.1 kilograms falls from a tree of height 2 metres. With what speed does it hit the ground? Give your answer to 2 decimal places.
 $E_{\text{lost}} = mgh = 0.1 \text{ kg} \times 9.8 \text{ Nkg}^{-1} \times 2 \text{ m} = 1.96 \text{ J}$
Therefore $E_{\text{gained}} = 1.96 \text{ J}$, so $E_p = \frac{1}{2} \times m \times v^2 = 1.96 \text{ J}$
From page 15, $v = \sqrt{(2 \times E_p / m)}$, so $v = \sqrt{(2 \times 1.96 \text{ J}) / 0.1 \text{ kg}} = 6.26 \text{ ms}^{-1}$

2) A ball of mass 0.2 kilograms is thrown upwards at 10 metres per second. How high does it get?
 $E_{\text{lost}} = \frac{1}{2} \times m \times v^2 = \frac{1}{2} \times 0.2 \text{ kg} \times (10 \text{ ms}^{-1})^2 = 10 \text{ J}$
Therefore $E_{\text{gained}} = 10 \text{ J}$, so $E_p = mgh = 10 \text{ J}$
From page 16, $h = E_p / mg$, so $h = 10 \text{ J} / (0.2 \text{ kg} \times 9.8 \text{ Nkg}^{-1}) = 5.10 \text{ m}$



the best way to predict the future is to create it

If it were done when 'tis done, then 'twere well
If were done quickly. If the assassination
Could trammel up the consequence, and catch
With his success success; that but this blow
Might be the be-all and the end-all here,
But here upon this bank and shoal of time,
We'd jump the life to come.

GCSE



Year 11 GCSE Information Booklet 2020

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3	•	•	•	BUSINESS
4	•	•	•	CHILDRENS LEARNING & DEVELOPMENT
6	•	•	•	CITIZENSHIP
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10	•	•	•	D&T - FOOD PREPARATION & NUTRITION
11	•	•	•	ENGLISH LANGUAGE
12	•	•	•	ENGLISH LITERATURE
13	•	•	•	FRENCH
14	•	•	•	GEOGRAPHY
15	•	•	•	HISTORY
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17	•	•	•	MEDIA
18	•	•	•	MUSIC
20	•	•	•	PE
21	•	•	•	RS, PHILOSOPHY & ETHICS
22	•	•	•	SCIENCE
24	•	•	•	SPANISH
25	•	•	•	STATISTICS

GCSE ART & DESIGN YEAR 11 TIMETABLE 2019/20

GCSE ART CRAFT AND DESIGN endorsement with AQA

Month	Pupil Action	Notes
SEPTEMBER	Coursework project 2, investigating the themes of: Natural World Anatomy Detail Lino printing and Textiles workshops.	2019 level boundaries to be given to students.
OCTOBER	Continue contextual research, recording and experimenting for project 2	PROGRESS CHECK COMPLETED
HALF TERM – Continue sketchbook work		
NOVEMBER	Develop and experiment with techniques leading to a final outcome. Last week of Nov: Mock exam sessions begin within Art and Design lessons (10 hours across Nov/Dec)	PROGRESS CHECK COMPLETED
DECEMBER	Mock exam sessions continue within Art and Design lessons (10 hours across Nov/Dec) Self/teacher progress check and planning for refinements to be completed for Christmas break.	PROGRESS CHECK
CHRISTMAS HOLIDAY – Revisit both C/W projects to refine ready for mounting in the new year.		
JANUARY	Presentation mounting of both Coursework units End of Jan: 8201/C FINAL HAND IN OF COURSEWORK coursework units are worth 60% of the Final mark	A payment of £10 will be requested via the ParentPay shop for the mounting of all CW onto A1 mount board with coloured tissue and spray mount.
FEBRUARY	Start of Feb: 8201/X Externally Set Task (Exam Papers) given out. This unit is worth 40% of the final mark. Students have 10-12 weeks to develop a project response to ONE of the seven themes given by AQA. The students must produce evidence of the 4 assessment objectives.	A payment of £6.50 will be requested via ParentPay for a new A3 sketchbook for this project. PROGRESS CHECK PARENTS EVENING
HALF TERM		
FEBRUARY/ MARCH	Students continue to develop their individual project work. AO1 Developing ideas & Contextual AO2 Exploring materials and techniques and refining ideas AO3 Quality recording – drawing and photography	
APRIL	Externally Set Task - 10 hour controlled test time. Monday 27th April 2020 – ALL DAY Tuesday 28th April 2020 – ALL DAY Students will produce the outcome response (AO4) to their project ideas in this time. This is completed in exam conditions over two full days. All development project work (AO1, AO2 & AO3) must be handed in at the start of the controlled test time.	EASTER HOLIDAY – Produce mock-up of final outcome to be completed in the exam.
MAY	Internal assessment with marks sent to AQA and then externally moderated in June/July	
HALF TERM		

GCSE BUSINESS: OCR SYLLABUS

Business 1: business activity, marketing and people. (01) – Y10 50% of total GCSE

Business Activity	1.1 The role of business enterprise and entrepreneurship 1.2 Business planning 1.3 Business Ownership 1.4 Business aims and objectives 1.5 Stakeholders in business 1.6 Business growth
Marketing	2.1 The role of marketing 2.2 Market research 2.3 Marketing segmentation 2.4 The marketing mix
People	3.1 The role of Human resources 3.2 Organisation structures and different ways of working 3.3 Communication in business 3.4 Recruitment and selection 3.5 Motivation and retention 3.6 Training and development 3.7 Employment law

Business 2: operations, finance and influences on business (02) – Y11 50% of total GCSE

Operations	4.1 Production processes 4.2 Quality of goods and services 4.3 The sales process and customer services 4.4 Consumer law 4.5 Business Location 4.6 Working with suppliers	
Finance	5.1 The role of the finance function 5.2 Sources of finance 5.3 Revenue, costs, profit and loss 5.4 Break even 5.5 Cash and cash flow	
Influences on Business	6.1 Ethical and environmental considerations 6.2 The Economic climate 6.3 Globalisation	
	7.1 The independent nature of business	
Quantitative Skills		
Percentage and percentage changes Averages Revenue, costs and profits	ARR Cash flow Interpret charts	Profitability ratios Interpret marketing data Changes in market share

Revision Ideas and helpful websites:

www.tutor2u.net – a wide range of revision notes, study notes, excellent YouTube channel, blog of latest articles.

BBC Bitesize Business – revision notes and quizzes that cover the whole course

BBC Business – the latest articles on all things business

Statista – Graphical research on a wide range of topics

The text book needed for our course.
ISBN-13: 978-1471899362



CAMBRIDGE NATIONAL IN CHILD DEVELOPMENT

This is called a Technical Award and is equivalent to a GCSE

Exam date: Monday 8th June 2020 and will last 1hr 15 mins

There is ONE exam paper, worth 50% of the marks.

Learning Outcome 1: Understand reproduction and the roles and responsibilities of parenthood
<ul style="list-style-type: none"> Factors which affect the decision to have children Pre-conception health Roles and responsibilities of parenthood Providing love and nurture Socialisation, customs, values Recognise and evaluate methods of contraception The structure and function of male and female reproductive system
Learning Outcome 2: Understand antenatal care and preparation for birth
<ul style="list-style-type: none"> The roles of the different health professionals supporting the pregnant mother The importance of antenatal and parenting classes Routine checks carried out at an antenatal clinic, including scans Specialised diagnostic tests The choices available for delivery The stages of labour and the methods of delivery, including pain relief
Learning Outcome 3: Understand postnatal checks, postnatal provision and conditions for development
<ul style="list-style-type: none"> The postnatal checks of the newborn baby The specific needs of the pre-term (premature) baby The postnatal provision available for the mother and baby and the postnatal needs of the family Conditions for development The need for acceptable patterns of behaviour and approaches to discipline
Learning Outcome 4: Understand how to recognise, manage and prevent childhood illnesses
<ul style="list-style-type: none"> How immunity to disease and infection can be acquired How to recognise and treat common childhood ailments and disease When to seek treatment by a doctor, and when emergency medical help should be sought Diet-related illnesses How to prepare a child for a stay in hospital The needs of an ill child
Learning Outcome 5: Know about child safety
<ul style="list-style-type: none"> How to create a safe, child-friendly environment Safety labelling To be aware of the most common childhood accidents Social safety internet safety

This is the revision guide suitable for this course. Students will also be given a school revision guide on SMHW.



GCSE CITIZENSHIP STUDIES: EDEXCEL 1CS0

Citizenship Studies – Written exams

You have 2 examination papers Level1/Level2 (9-1)

Exam dates:

Paper 1 - Wednesday 10th June 2020 PM

Paper 2 - Monday 15th June 2020 AM

Paper 1 – 1hr 45mins	Paper 2 – 1hr 45mins
Section A – Living together in the UK	Section A – Own citizenship action
Section B – Democracy at work in the UK	Section B – Power & influence : Others' actions
Section C – Law & Justice	Section C – Power & influence
Section D – Citizenship issues & debates	

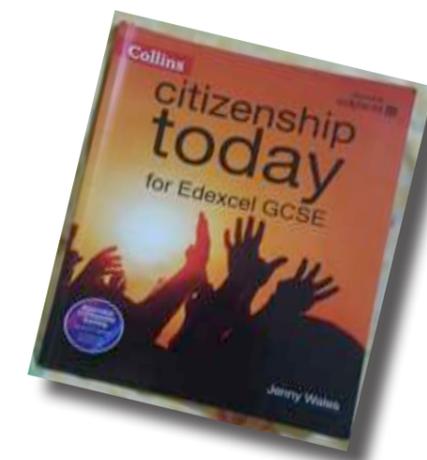
Useful Websites:

BBC- bitesize

<http://qualifications.pearson.com/en/qualifications/edexcel-gcses/citizenship-studies>

www.parliament.uk

www.bbc.co.uk/news/politics



AQA GCSE COMPUTER SCIENCE – REVISION SHEET

Exam Question Types

1 mark	GIVE, LIST, IDENTIFY or STATE a key term/answer
2 marks	DESCRIBE will require one RELEVANT points plus HOW/WHY that is a RELEVANT point. EXPLAIN will require a VALID point followed by a BECAUSE reason for that valid point. DESCRIBE HOW will require a step by step (typically 3 steps but sometime 4) using correct key terms along the way.
3 marks	EXPLAIN requires VALID points, WHAT this means and WHAT this might lead to in relation to question. VALID Point, then why valid (BECAUSE), REASON (Constraints) then the CAUSE of this reason.
4 marks	Marked against: • Balanced Discussion (Typically 2 valid points explain for/against) - Final judgement including justification
6 marks	• Use of Key Terms • Applied to case study if in question or wider impact using examples for MOST points raised. • Organised Structure - Spelling, Punctuation and Grammar

Paper 1 - Computational thinking and problem solving

Exam date: Monday 11th May 2020 AM

Paper Overview	Computational thinking, problem solving, code tracing and applied computing as well as theoretical knowledge of computer science.
Paper Structure	Written exam set in practically based scenarios: 1 hour 30 minutes, worth 80 marks and 50% of GCSE A mix of multiple choice, short answer and longer answer questions assessing a student's practical problem solving and computational thinking skills.
Unit	Topics
Fundamentals of Algorithms	Representing Algorithms, Efficiency of Algorithms Searching Algorithms (Linear, Binary) Sorting Algorithms (Bubble, Merge)
Programming	Data Types, Programming Concepts (Sequence, Selection, Iteration) Arithmetic Operations (included MOD, DIV) Relational Operations (Comparison > => !=) Boolean Operations (AND, OR, NOT), Data Structures Input/Output and File Handling, String Handling in a Programming language Random Number generation, Subroutines (Procedures and Functions) Structured Programming, Robust and Secure Programming Classification of programming languages
Data Representation	Number Bases (Decimal, Binary, Hex), Converting between number bases Units of information, Binary Arithmetic Character Encoding, Representing Images Representing Sound, Data Compression
Computer Systems	Hardware and Software, Boolean Logic (including Logic Gates) Software Classification, Systems Architecture

Paper 2 - Written assessment

Exam date: Thursday 14th May 2020 PM

Paper Overview	Theoretical knowledge from the subject content shown.
Paper Structure	Written exam set in practically based scenarios: 1 hour 30 minutes, worth 80 marks and 50% of GCSE A mix of multiple choice, short answer, longer answer and extended response questions assessing a student's theoretical knowledge.
Unit	Topics
Data Representation	Number Bases (Decimal, Binary, Hex), Converting between number bases Units of information, Binary Arithmetic, Character Encoding, Representing Images Representing Sound, Data Compression
Computer Systems	Hardware and Software, Boolean Logic (including Logic Gates) Software Classification, Systems Architecture
Computer Networks	What is a computer network? Benefits and risks of computer networks, Main types of computer network (PAN, LAN, WAN), Wired v Wireless, Network Topologies (Star, Bus), Protocols, Network Security, 4 layer TCP/IP model
Cyber Security	What is Cyber Security? Cyber Security threats, Social Engineering, Malicious code Detecting and Preventing cyber security threats
Ethical, Legal and Environmental impact of digital technology	Ethical issues, Computer Science and the Law Electronic Waste, Wearable technologies , Data Privacy

Revision Tips

- Revision Homework booklets are being given out in class – these turn into Revision Guides when complete!
- All Teacher PowerPoints from the course are on the Student share area – use them as part of your revision.
- Watch YouTube videos about the content. The “Craig and Dave” videos are great – They refer to the OCR GCSE but a lot of the topics are the same.

GCSE DRAMA: OCR J316 SYLLABUS

Component 3 Drama: Written Paper

You have 1 written examination in GCSE Drama

Exam date: Monday 18th May 2020 PM (1hr 30 mins)

You will complete two sections A and B

Component 3 Drama: Performance and Response

1 ½ hour exam worth 80 marks, 40% of total grade.

Section A - Questions based on the text

Blood Brothers.

Learners will explore practically a performance text to demonstrate their knowledge and understanding of drama.

Section B - Extended response to a live theatre production.

2019/20 - EveryBody's Talking About Jamie

Learners will analyse and evaluate a live theatre performance

Revision Hints and Tips

Learn all the essential Drama vocabulary

Use Flash Cards to secure Blood Brothers knowledge

Complete past exam papers

Read through your drama notebook.

Attend Revision Sessions



GCSE DESIGN & TECHNOLOGY: OCR (RM,GRP,TXT SPECIALISM)

You have 1 examination in Design & Technology

This unit is assessed through a 2 hour examination paper

- The examination paper will be a question and answer booklet and all questions are compulsory.
- The examination paper will consist of multiple-choice, short-answer and extended-writing questions.

There are 8 areas of knowledge listed below that you may be tested on.

Materials and components	Tools and equipment
<ul style="list-style-type: none"> • Woods • Metals • Polymers • Textiles • Card and boards • Composites • Modern and smart materials 	<ul style="list-style-type: none"> • Marking out tools • Measuring tools • Wasting process tools
Industrial and Commercial Processes	Analysing Products
<ul style="list-style-type: none"> • Scale of production • Materials processing and forming • Joining methods • Temporary / Permanent joins • Adhesives • Heat treatment • Finishing techniques • Manufacturing processes for batch production • Health and safety 	<ul style="list-style-type: none"> • Specification criteria • Materials and components • Manufacturing processes • Critically comparing products • Focussing on set criteria
Product Analysis	Technology
<ul style="list-style-type: none"> • Objective analysis • Justification of answers • Detailed annotation • Applying a range of materials / processes 	<ul style="list-style-type: none"> • Information and communication technology (ICT) • Digital media and new technology • Computer-aided design/computer-aided manufacturing (CAD/CAM) Technology
Sustainability	Ethical design and manufacture
<ul style="list-style-type: none"> • Minimising waste production • Renewable sources of energy • Climate change 	<ul style="list-style-type: none"> • Moral, social and cultural issues • Ethical design and inclusivity

Revision ideas

GCSEpod – for podcasts on all of our topics

www.technologystudent.com

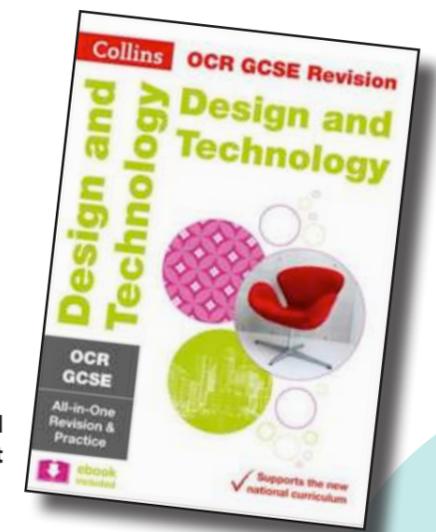
<http://www.mr-dt.com>

<http://www.bbc.co.uk/schools/gcsebitesize/design/>

The School Library

Look for revision apps you can download on your phone

This revision guide is highly recommended and available at cost price through the department



DESIGN AND TECHNOLOGY: OCR J309 - FOOD PREPARATION & NUTRITION

Practical exam date: Tuesday 11th February 2020

Unit 1: Food Written Paper

Exam date: Tuesday 9th June 2020 PM (1hr 30 mins)

All questions must be attempted especially the higher mark questions.

Allocate times according to marks. You have 100 marks BUT 90mins

The Exam

You have 1 examination in GCSE FOOD

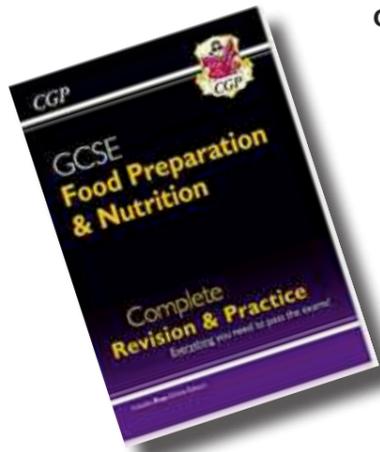
You are required to answer all the questions in the exam

- Ensure you proof read your answers, especially the essay style questions

There is a variety of marks awarded for each question from 1 -12 marks

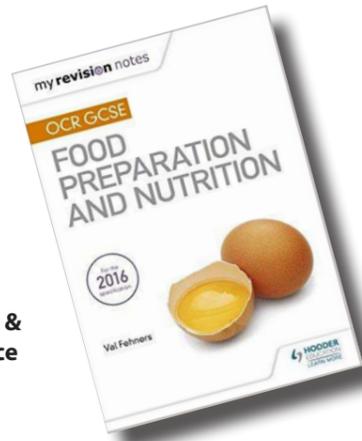
- Ensure that your 6-12 mark questions are answered in essay style

Revision booklets can be bought on Amazon:

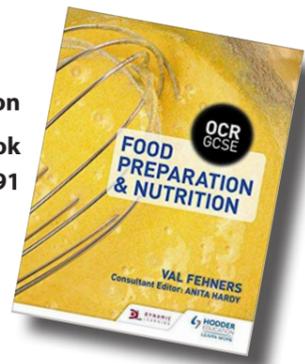


New Grade 9-1 GCSE Food Preparation & Nutrition - Complete Revision & Practice

OCR GCSE Food Preparation and Nutrition
£20.30 paaper cover revision book
ISBN-10: 9781471867491



My Revision Notes: OCR GCSE Food Preparation and Nutrition
£9.99 paper cover revision book
ISBN-10: 9781471887000



Revision Hints and Tips

- Learn all the key terms and vocabulary
- Read through your Food textbook. Miss Young will supply you with revision packs too which will include practice questions and mark schemes.
- Ensure that you keep a record of your reading by making notes for future reference during revision lessons.
- Look on the OCR website for GCSE Food Preparation and Nutrition where you can see specimen papers/mark schemes and it is essential that you read the examiner's report.
- Familiarise yourself with the practice questions and requirements for the high marks on the mark schemes
- Attend the revision session on Saturday 8th June 9-11am.

GCSE ENGLISH LANGUAGE: AQA SYLLABUS 8700

You have 2 examinations in English Language. Language 1 is on Fiction and Language 2 is on Non-Fiction.

Each exam is for 1hr 45mins, worth 40 marks and 50% of the total grade.

- Both examination papers will have two sections:
Section A is Reading
Section B is Writing

LANGUAGE 1 - Fiction	LANGUAGE 2 - Non-Fiction
Exam date: Tuesday 2nd June 2020	Exam date: Friday 5th June 2020
Section A - Reading - 1 hour 40 marks	Section A - Reading - 1 hour 40 marks
<ul style="list-style-type: none"> • Watch the Mr Bruff videos on the questions you are less confident on • Time yourself doing a practice question • Compare your answers to the WAGOLLS – what's missing? • Look at the mark schemes on the AQA website 	<ul style="list-style-type: none"> • Watch the Mr Bruff videos on the questions you are less confident on • Time yourself doing a practice question • Compare your answers to the WAGOLLS – what's missing? • Look at the mark schemes on the AQA website
Section B - Writing - 45mins 40 marks	Section B - Writing - 45mins 40 marks
<ul style="list-style-type: none"> • Find an interesting image and plan out how you would describe it (areas to 'zoom in' on, punctuation, sentence openers, language features, best vocabulary etc.) • Find a favourite line from a poem / song and use that as a story opener. Plan out a NARRATIVE. (6 building blocks) • Make a success criteria for what you are marked on in question 5 – AQA website might help. Highlight the areas on that checklist which you need to work on most. 	<ul style="list-style-type: none"> • Pick something you are PASSIONATE about – feminism? Footballer pay? • EXPRESS that opinion passionately – make other people feel the same as you! • Use the success criteria in the revision guide to plan and proof read your work.

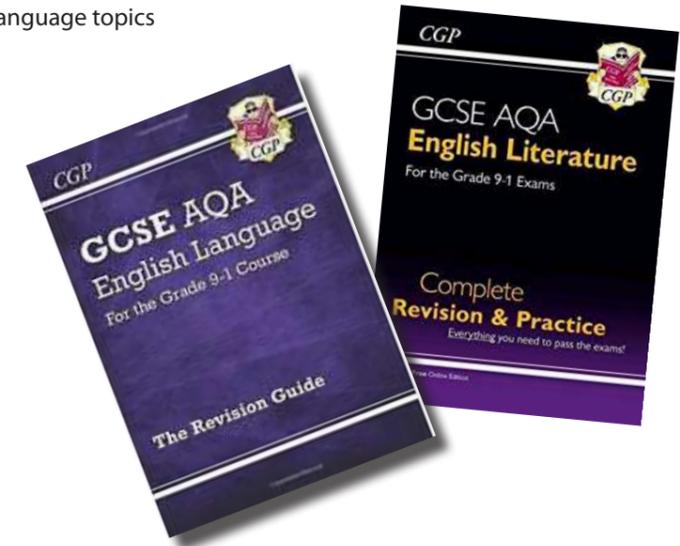
Revision ideas

GCSEpod – for podcasts on all English Language topics

Revision Guides with practice papers

Model answers

WAGOLLS



GCSE ENGLISH LITERATURE: AQA SYLLABUS 8702

You have 2 examinations in English Literature.
Literature 1 has two sections, Literature 2 has 3 sections.

You will not be allowed to take texts into the exam with you. Instead, you will be given some extracts within the exam paper. When you are given an extract you must use quotations as evidence within your response.

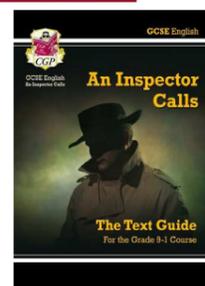
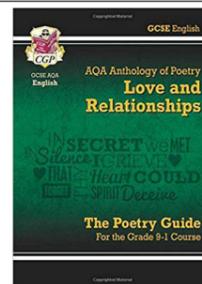
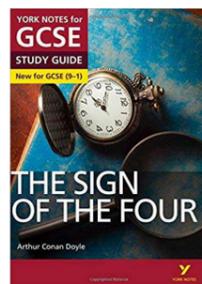
Wednesday 13th May 2020 LITERATURE 1 - 1 hour 45 mins 40% - 64 marks	Thursday 21st May 2020 LITERATURE 2 - 2 hours 15 mins 60% - 64 marks												
Section A - Romeo & Juliet 34 marks	Section A - An Inspector Calls 34 marks												
<ul style="list-style-type: none"> Re-watch the film Mind map key characters with key quotes Mind map key themes with key quotes Revise your understanding of Elizabethan England (1600s) A3 sheet! Take an extract from the play and annotate language, structure, form devices Use the practice questions to write an answer 	<ul style="list-style-type: none"> Re-watch the BBC adaptation Mind map key characters with key quotes Mind map key themes with key quotes Revise your understanding of 1912/1945 England - A3 sheet! Use the past questions to write an answer 												
Section B - Sign of Four 30 marks	Section B - Relationship poems 30 marks												
<ul style="list-style-type: none"> Watch the film on YouTube Mind map key characters with key quotes Mind map key themes with key quotes Revise your understanding of Victorian England (1800s) A3 sheet! Revise features of detective fiction Take an extract from the novel and annotate language, structure, form devices 	<ul style="list-style-type: none"> Group the poems which are similar (remember you will be comparing) Create Venn diagrams to compare two similar poems Watch Mr Bruff videos/ use CPG guides to annotate any you're less confident on 												
Whole paper revision ideas Paragraph guide with filled in example Whole exam paper All exam questions from other texts A3 context / methods page Romeo and Juliet key quotes Mr Bruff's Guide - Sign of Four	Section C - Unseen Poetry 24 marks												
	<ul style="list-style-type: none"> Use the poems in the rest of the anthology as unseen poems - can you apply SMILE to them? 												
	Section C - Comparing Unseen Poetry- 8 marks Whole paper revision ideas												
	<table border="0"> <tr> <td>Whole exam paper</td> <td>Model Answer</td> </tr> <tr> <td>A3 context/Methods page</td> <td>Coloured paragraph guides</td> </tr> <tr> <td>An Inspector Calls quotes sheet</td> <td>Mr Bruff videos on each poem</td> </tr> <tr> <td>Past questions sheet</td> <td>CPG revision guide</td> </tr> <tr> <td>Planning sheet</td> <td>Structure / form sheet</td> </tr> <tr> <td></td> <td>SMILE analysis page</td> </tr> </table>	Whole exam paper	Model Answer	A3 context/Methods page	Coloured paragraph guides	An Inspector Calls quotes sheet	Mr Bruff videos on each poem	Past questions sheet	CPG revision guide	Planning sheet	Structure / form sheet		SMILE analysis page
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An Inspector Calls quotes sheet	Mr Bruff videos on each poem												
Past questions sheet	CPG revision guide												
Planning sheet	Structure / form sheet												
	SMILE analysis page												

Revision tips for the whole Literature GCSE

- Know the context for every novel/poem/play
- Know key quotations with an interesting language/structural/ form feature
- Know and be able to identify language features in a novel/poem/play
- Know and be able to identify structural features in a novel/poem/play
- Know and be able to identify features of form in a novel/poem/play
- Look at your feedback from mocks/ class assessments in folder

Revision ideas

- GCSEpod - for podcasts on all English Literature topics
- Revision Guides with practice papers
- Model answers
- WAGOLLS



GCSE FRENCH: AQA 8658

Unit 1: Listening

Exam date: Tuesday 12th May 2020

Foundation & Higher tier (35 mins and 45 mins respectively)

Unit 2: Speaking

Exam date: April/May 2020

Unit 2: Reading

Exam date: Tuesday 12th May 2020

Foundation & Higher tier (45 mins and 1hr respectively)

Unit 2: Writing

Exam date: Friday 15th May 2020

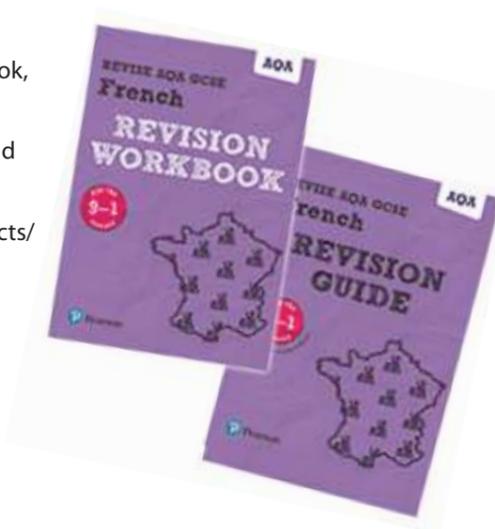
Foundation & Higher tier (1hr and 1hr15mins respectively)

Revision Themes

1) Identity and culture	2) Local, national, international and global areas of interest	3) Current and future study and employment
Friends, family and me. Technology in everyday life. Free time activities. Customs and festivals in French speaking countries and communities.	Home, neighbourhood, local town and region. Social issues and global issues. Travel and tourism.	My studies. Life at school. Education post-16. Jobs, career choices and ambitions.

Revision Ideas

- Revise all topics and language skills with Pearson Active Learn; digital textbook, listening and reading files and vocabulary learning tasks.
- Use AQA past papers from your teacher/online; mark schemes, sound files and transcripts.
- GCSE Bitesize online practise questions <https://www.bbc.com/bitesize/subjects/z9dqxn6>.
- Pearson Revise AQA GCSE French purple revision guides.
- Remember the importance of **active revision** not just reading!
- Regular French independent learning and revision: news articles, music, TV/ film with subtitles etc. - **little and often!**



GCSE GEOGRAPHY: OCR SYLLABUS A GEOGRAPHICAL THEMES (9-1)

Unit 1: Living in the UK Today - A 1 hour written exam

Exam date: Monday 18th May 2020 AM

Landscapes of the UK	People of the UK	UK Environmental Challenges
Physical landscapes of the UK	UK trade and industry	Extreme Weather in the UK
Geomorphic processes	Population, Migration and Diversity in the UK	Resources and Ecosystems
River Landscapes, Processes and Landforms.	Contrasting development in the UK	Energy sources and Management in the UK
Coastal Landscapes, Processes and Landforms.	Urban trends in UK cities	Flooding in the UK

Unit 2: The World Around Us - A 1 hour written exam

Exam date: Wednesday 3rd June 2020 AM

Ecosystems of the Planet	People of the Planet	Environmental Threats to Our Planet
Global Ecosystems and biomes	Patterns of global economic development	Climate Change over time
Coral Reefs (in depth study)	Patterns of global urbanisation	Extreme Weather – tropical storms and Drought
Tropical Rainforests	Ethiopia – LIDC (in depth study)	El Nino/La Nina – extreme weather events

Unit 3: Geographical Skills and Fieldwork - A 1hr 30 mins written exam

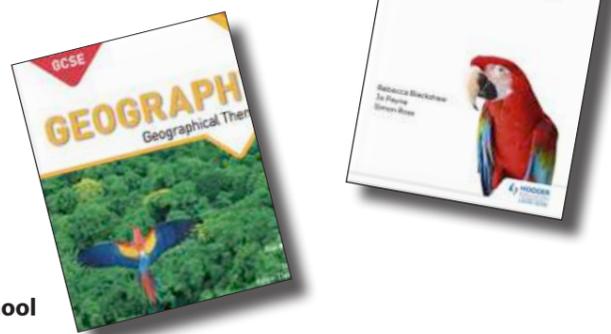
Exam date: Thursday 11th June 2020 AM

Interpreting Maps, Graphs and Data	Fieldwork (Swanage Fieldtrip)
Different types of maps (cartographic skills)	Planning and preparing a fieldwork study
Different types of graphs (graphical skills)	Collecting and presenting data
Numerical and statistical skills	Interpreting and analysing data
	Evaluating the fieldwork process

Revision Ideas

- Keep looking at Show MY Homework, there will be lots of resources here.
- Login to the GCSE geography PIXL app for loads of practice questions.
- GCSE Pod – for podcast on our topics and revision hints.

This is the textbook that we use in school



GCSE HISTORY: EDEXCEL

The syllabus is GCSE (9-1) History and the course code is 1H10

There are five components to the exam which are tested across three exam papers:

- Thematic study - Medicine in Britain, c1250–present
- Historic environment - The British sector of the Western Front, 1914–18
- Period Study - Superpower relations and the Cold War, 1941–91
- British depth study - Early Elizabethan England, 1558–88
- Modern depth study - Weimar and Nazi Germany, 1918–39

Paper 1

Exam date: Monday 1st June 2020 AM

52 marks (16 for the historic environment, 36 for the thematic study)

Paper 2

Exam date: Thursday 4th June 2020 PM

64 marks (32 for the period study, 32 for the British depth study)

Paper 3

Exam date: Tuesday 9th June 2020 AM

52 marks for the Modern depth study.

Examination Overview

Paper 1 1 hr 15 mins written paper	30% of total GCSE
Paper 2 1 hour 45 mins written paper	40% of total GCSE
Paper 3 1 hr 20 mins written paper	30% of total GCSE

Revision Tips

- Your own notes are the best, so even if you use a revision guide you need to condense them down and transform them into whatever is useful for you.
- There is a lot to learn, organise your time effectively.
- For all of the topics a timeline is always useful. You should try to reduce the material on them to the minimum to give you a clear outline of the topic you are revising.
- Continuously revisit material to ensure that it is fully learnt. Write down everything you didn't remember and try again until there are no gaps left in your knowledge.
- Use your phone to take pictures of mind map / storyboards / key words. Record voice memos of glossary terms to listen back to.
- Mnemonics can be helpful to access material. Here is one for revision:

Rest
Exercise
Variety
Imagination
Structure
Individual
Ongoing
Not too long

IMPORTANT REMINDER

- Remember to use your revision folder
- History recommends the Pearson Revision Guide and Workbook for each component.
- Login to the GCSE History PIXL app for loads of practice questions.



GCSE MATHEMATICS: EDEXCEL 1MA1

You have 3 examinations in GCSE Mathematics.....

Equipment needed:

It is essential you take the right equipment to all your exams

Black pens, pencils, ruler, rubber, protractor, compasses and a **SCIENTIFIC** calculator.

Key topics:

Ratio and proportion, percentages, fractions, indices and standard index form, areas and perimeters of shapes including circles, volume and surface area of shapes including cylinders, Pythagoras' theorem and trigonometry, transformations, solving equations (linear, quadratic and simultaneous), sequences, graphs, averages, grouped data, frequency polygons, cumulative frequency and histograms.

Paper 1

Non-Calculator paper

Exam date: Tuesday 19th May 2020 AM

Higher and foundation tier (1hr 30 mins)

Your teachers will be available during your normal lesson time (some will be available during other lessons too) for focused revision for the Calculator papers. They will have had an opportunity to assess which topics are likely to appear on these papers based on the non-calculator paper.

Paper 2

Calculator paper

Exam date: Thursday 4th June 2020 AM

Higher and foundation tier (1 hour 30 mins)

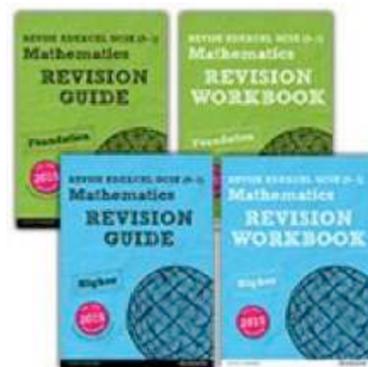
Your teachers will be available during your normal lesson time (some will be available during other lessons too) for focused revision for the second Calculator paper. They will have had an opportunity to assess which topics are likely to appear on this paper based on the non-calculator paper and the first calculator paper.

Paper 3

Calculator paper

Exam date: Monday 8th June 2020 AM

Higher and foundation tier (1hr 30 mins)



All GCSE students in Year 11 have had the opportunity to purchase foundation or higher books. They are easily available to purchase online.

Top tips:

- Read the question carefully to make sure you know what you are being asked to do.
- Show all your working out and check answers carefully
- State your units
- Refer to any formulae given in a question

Revision ideas

- Do a little bit of maths EVERY day
- Use mymaths.co.uk – **password: marlow** **user name: algebra**
- Past papers available on Edexcel website

GCSE MEDIA: AQA SYLLABUS

You have 2 examinations in GCSE MEDIA...

Media Paper 1

1hr 30 mins, 35% of GCSE

Exam date: Friday 5th June 2020 PM



Section A	Section B
This will focus on Media Language and Media Representations. Questions in this section can test any two of the following forms:	This will focus on Media Industries and Media Audiences. Questions in this section can test any two of the following forms:
magazines (Tatler and/or Reveal)	radio (Radio 1 Launch Day and/or Beats 1 Radio)
advertising and marketing (Galaxy, NHS Represent and/or OMO)	music video (Arctic Monkeys - IBTYLGOTD and/or One Direction - History)
newspapers (The Daily Mirror and/or The Times)	newspapers (The Daily Mirror and/or The Times)
online, social and participatory media and video games.	online, social and participatory media and video games
	film (industries only – Doctor Strange and/or I, Daniel Blake).

Media Paper 2

1hr 30 mins, 35% of GCSE

Exam Date: Monday 8th June 2020 PM

Section A	Section B
This will be based on a screening from an extract of one of the television Close Study Products (either Doctor Who: An Unearthly Child or Class) and can test any area of the theoretical framework.	This will be based on either newspapers (The Daily Mirror and The Times) or online, social and participatory media and video games (Lara Croft Go, Kim Kardashian Hollywood and Zoella) and can test any area of the framework.

What should I do to prepare?

Revise

- Revise all of the Close Study Products you have studied throughout the course.
- Revise media terminology and theories.
- Ensure you understand how to apply the four key concepts: media language, media representations, media industries and media audiences.

Practice

- Practise exam questions – you can find sample papers at: <https://www.aqa.org.uk/subjects/media-studies/gcse/media-studies-8572/assessment-resources>

Revision help

- The AQA Close Study Products booklet
- Your media handbooks and exam preparation exercise books
- Glossary of GCSE Media terminology (there is also a glossary on p. 147-148 of your planners)
- AQA GCSE Media Studies by Jerry Slater, Steff Hutchinson & Julia Sandford-Cooke (textbook, ISBN 978-1911208075)
- AQA GCSE Media Studies Revision Guide by Steff Hutchinson (textbook, ISBN 978-1911208884)



GCSE MUSIC 9-1: Eduqas

There are three components to the exams:

Component 1 - Performing

Worth 30% of the total grade.

Component 2 - Composing

Worth 30% of the total grade.

Component 3 - Appraising

Worth 40% of the total grade. 96 marks available.

This is a Listening examination and is externally assessed.

You will have a maximum of 75 minutes to do the exam.

AOS1	AOS2	AOS3	AOS4
Form & Structure	Form & Structure	Film Music	Popular Music
10% of grade - 24 marks	10% of grade - 24 marks	10% of grade - 24 marks	10% of grade - 24 marks
MOZART Set Work	Extended Writing	Extended Writing	RAINBOW Set Work
1.12 marks	3.12 marks	5.12 marks	7.12 marks
IMPORTANT: Any questions requiring a longer response/extended answer will ALWAYS be an unprepared example.			

Assessment Objective 3 (ASO3): Demonstrate and Apply Musical Knowledge - 20%

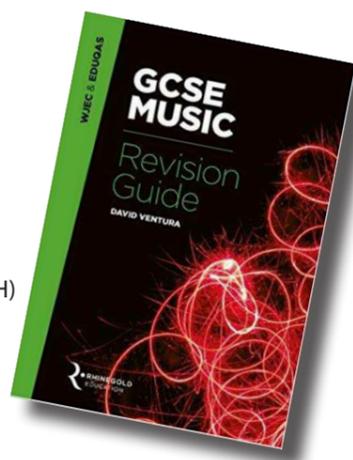
ASO3 SHORT	Define	Insert	Identify	Pick	Give	Underline	Name	State
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Assessment Objective 4 (ASO4): Make Evaluative & Critical Judgments about Music - 20%

ASO4 LONG	Compare	Complete	Contrast	Describe	Explain	Find the Difference
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Revision ideas

- Use **FOCUS ON SOUND** website
- Learn keywords from booklet or using back of planner
- Use GCSE Revision Guide - **RINEGOLD**
- Know your set works back to front
- Listen to different pieces and analyse the use of the different musical elements (DR SMITH)
- BBC Bitesize



MUSICAL ELEMENTS

DR SMITH DEFINITIONS

D

Dynamics

The volume in music e.g loud (forte) and quiet (piano)

Duration

The length of notes, how many beats they last for. This can be linked to the times signature and how many beats there are in a bar.

R

Rhythm

The effect created by combining a variety of notes with different duration. Consider syncopation, cross rhythms, polyrhythm's, duplets and triplets.

S

Structure

The overall plan of a piece of music. E.g. Ternary (ABA), Rondo (ABACAD) or verse/chorus.

M

Melody

The effect created by combining a variety of notes of different pitches. Consider the movement e.g. skips, steps and leaps etc.

Metre

The number of beats in the bar, e.g 3/4 or 6/8. Consider regular and irregular times signatures e.g. 4/4 or 5/4.

I

Instrumentation

The combination of instruments that are used, consider articulation and timbre e.g. staccato, legato and pizzicato.

T

Texture

The different layers in a piece of music. E.g. polyphonic, monophonic, thick and thin.

Tempo

The speed of the music e.g. fast (allegro), moderate (andante) or slow (lento/largo)

Timbre

The tone quality of the music, the different sound made by the instruments used.

Tonality

The key of a piece of music e.g. Major (happy), Minor (sad), atonal.

H

Harmony

How notes are combined to build up chords. Consider concords and discords

GCSE PHYSICAL EDUCATION: OCR

You will sit Two one hour, 60 mark exam papers

PAPER 1

Exam date: Wednesday 13th May 2020 AM

Applied Anatomy and Physiology, Physical Training
1.1a. The structure and functions of the skeletal system
1.1b. The structure and functions of the muscular system
1.1c. Movement analysis (levers, planes and axes)
1.1d. The cardiovascular and respiratory systems
1.1e. The effects of exercise on the body systems (short and long term)
1.2a. Components of fitness
1.2b. Applying the principles of training (SPOR, FITT, methods of training, warm ups/ cool downs)
1.3c. Preventing injury within physical activity and training

PAPER 2

Exam date: Friday 15th May 2020 PM

Socio-cultural Influences, Sports Psychology, Health, Fitness & Wellbeing
2.1a. Engagement of patterns of different social groups in physical activities and sports
2.1b. Commercialisation of physical activity and sport
2.1c. Ethical and socio-cultural issues in physical activity and sport (ethics/ drugs/ violence)
2.2 Sports psychology
2.3 Health, fitness and well-being

More information on exam content in course specification:

<https://www.ocr.org.uk/Images/234822-specification-accredited-gcse-physical-education-j587.pdf>

Revision ideas

Twitter - @GMS_PE, @PEResourcesBank

Ensure you've looked at the syllabus thoroughly, and highlighted areas you need to do your revision on – turn your areas of weakness into areas of strength.

- Revision guide- My Revision Notes: OCR GCSE (9-1) PE 2nd Edition £9.28 Amazon
- Targeted Tuesday and Thursday lunchtime revision.
- Period 6 – Starting after Christmas, everybody is welcome!
- Saturday sessions 4 weeks prior to the exam
- Key word glossaries and revision packs made in lessons
- Exam questions in lessons and for homework – more if you ask!
- Apps: Quizlet, Kahoot
- Ask the A Level PE and BTEC Sport students for advice

GCSE RS, PHILOSOPHY AND ETHICS: AQA Syllabus A

Component 1

The study of religions: beliefs, teachings and practices

Christianity and Islam Paper 1 Options 3 & 5

Exam date: Monday 11th May 2020 PM (1hr 45 mins)

Christianity	
Christian beliefs and teachings	Christian practices
The Nature of God	Worship
Jesus Christ and Salvation	Festivals
	Pilgrimage
	Importance of the worldwide church

Islam	
Islamic beliefs and teachings	Islamic practices
Key beliefs including beliefs about God, angels and life after death	Worship
Authority	Duties
	Festivals

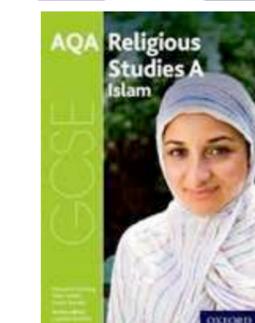
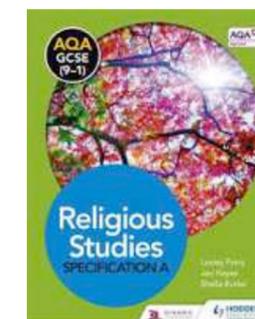
Component 2

Thematic studies

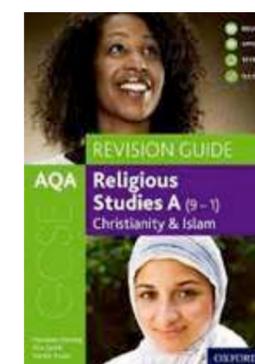
Religion & Life, Crime & Punishment, Human Rights & Social Justice and Relationships and Families

Exam date: Tuesday 19th May 2020 AM (1hr 45 mins)

Thematic Studies	
Religion and Life	Crime and Punishment
Origins and value of the universe	Religion, crime and the causes of crime
Origins and value of human life	Religion and punishment
Human Rights and Social Justice	Relationships and Families
Human rights	Sex, marriage and divorce
Wealth and poverty	Families and gender equality



Above are the text books we use in class



We recommend you use this revision guide

GCSE AQA SEPARATE SCIENCE (11C1 ONLY)

You have 6 examinations in GCSE Science:

Equipment needed:

It is essential you take the right equipment to all your exams

Black pens, pencils, ruler, rubber, protractor, compasses and a **SCIENTIFIC** calculator.

Biology key topics:

Cell biology, Organisation, Infection and Response, Bioenergetics, Homeostasis and Response, Inheritance, variation and Evolution, Ecology.

Chemistry key topics:

Atomic structure, Periodic Table, Bonding, structure properties of matter, Quantitative Chemistry, Chemical changes, Energy changes, Rate and extent of chemical change, Organic Chemistry, Chemical analysis, Chemistry of the atmosphere, Using resources.

Physics key topics:

Energy, Electricity, Particle model of matter, Atomic structure, Forces, Waves, Magnetism and Electromagnetism.

Biology Paper 1

Exam date: Tuesday 12th May 2020

Higher and foundation tier (1hr 45 mins)

Chemistry Paper 1

Exam date: Thursday 14th May 2020

Higher and foundation tier (1hour 45 mins)

Physics Paper 1

Exam date: Wednesday 20th May 2020

Higher and foundation tier (1hr 45 mins)

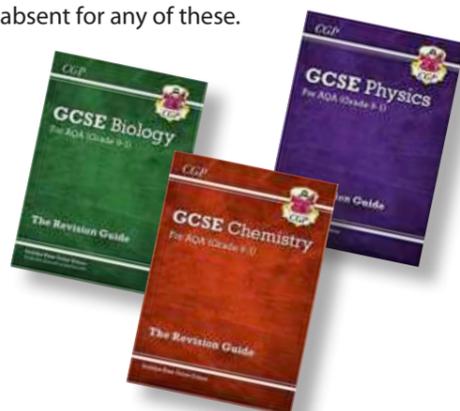
Revision ideas

- Bitesize: GCSE AQA Separate Science
- Past papers available on AQA website .
- Show My Homework has videos of all required practicals if you were absent for any of these.

Top tips:

- Show all your working out for calculation questions and check answers carefully
- State your units
- Refer to any formulae given in a question
- Refer to the Physics data sheet (Physics Papers only).
- Refer to the Periodic Table (Chemistry Papers only).

As a department, we recommend the CGP revision guides pictured right.



GCSE AQA SCIENCE TRILOGY

You have 6 examinations in GCSE Science:

Equipment needed:

It is essential you take the right equipment to all your exams

Black pens, pencils, ruler, rubber, protractor, compasses and a **SCIENTIFIC** calculator.

Biology key topics:

Cell biology, Organisation, Infection and Response, Bioenergetics, Homeostasis and Response, Inheritance, variation and Evolution, Ecology.

Chemistry key topics:

Atomic structure, Periodic Table, Bonding, structure properties of matter, Quantitative Chemistry, Chemical changes, Energy changes, Rate and extent of chemical change, Organic Chemistry, Chemical analysis, Chemistry of the atmosphere, Using resources.

Physics key topics:

Energy, Electricity, Particle model of matter, Atomic structure, Forces, Waves, Magnetism and Electromagnetism.

Biology Paper 1

Exam date: Tuesday 12th May 2020

Higher and foundation tier (1hr 15 mins)

Chemistry Paper 1

Exam date: Thursday 14th May 2020

Higher and foundation tier (1hour 15 mins)

Physics Paper 1

Exam date: Wednesday 20th May 2020

Higher and foundation tier (1hr 15 mins)

Revision ideas

- Bitesize: GCSE Science AQA Trilogy
- Past papers available on AQA website .
- Show My Homework has videos of all required practicals if you were absent for any of these.

Top tips:

- Show all your working out for calculation questions and check answers carefully
- State your units
- Refer to any formulae given in a question
- Refer to the Physics data sheet (Physics Papers only).
- Refer to the Periodic Table (Chemistry Papers only).

As a department, we recommend the CGP revision guides pictured right.



GCSE SPANISH: AQA 8698

Unit 1: Listening

Exam date: Wednesday 20th May 2020

Foundation & Higher tier (35 mins and 45 mins respectively)

Unit 2: Speaking

Exam date: April/May 2020

Unit 2: Reading

Exam date: Wednesday 20th May 2020

Foundation & Higher tier (45 mins and 1hr respectively)

Unit 2: Writing

Exam date: Wednesday 3rd June 2020

Foundation & Higher tier (1hr and 1hr15 mins respectively)

Revision Themes

1) Identity and culture	2) Local, national, international and global areas of interest	3) Current and future study and employment
Friends, family and me. Technology in everyday life. Free time activities. Customs and festivals in French speaking countries and communities.	Home, neighbourhood, local town and region. Social issues and global issues. Travel and tourism.	My studies. Life at school. Education post-16. Jobs, career choices and ambitions.

Revision Ideas

- Revise all topics and language skills with Pearson Active Learn; digital textbook, listening and reading files and vocabulary learning tasks.
- Use AQA past papers from your teacher/online; mark schemes, sound files and transcripts.
- GCSE Bitesize online practise questions <https://www.bbc.com/bitesize/subjects/z4dqxnb>.
- Pearson Revise AQA GCSE Spanish purple revision guides.
- Remember the importance of **active revision** not just reading!
- Regular Spanish independent learning and revision: news articles, music, TV/ film with subtitles etc. - **little and often!**



GCSE STATISTICS: EDEXCEL SYLLABUS

You have 2 examinations in GCSE Statistics

Exam dates: Paper 1 - Thursday 11th June 2020

Paper 2 - Tuesday 16th June 2020



Key topics:

Data Collection – Samples, questionnaires, data types	Spread – Range, quartiles, standard deviation, outliers, standardised scores
Presenting Data – Bar charts, stem & leaf, pie charts, cumulative frequency	Scatter Diagrams – Correlation, Spearman's Rank, Inter & Extrapolation
Averages – Mean, mode, median from grouped data, weighted mean	Time Series – Trend lines, seasonal variations, moving averages
Probability – Sample space, tree diagrams, Venn diagrams, Binomial dist.	Weighting – Index numbers, chain based index numbers
Distribution Shapes – Box plots, normal distribution	Errors & Estimation – Upper & lower bounds, data capture & recapture

What Should I Do To Prepare?

- Make sure you attend all statistics lessons after May half term
- Practise past papers and exam questions

For the Exam:

- Bring your calculator
- Make sure you use statistical language
- Be clear and accurate with your diagrams
- Check you have a sensible answer, double check your calculations

Revision Ideas

- Use mymaths.co.uk – **password: marlow user name: algebra**
- Past papers available on Edexcel website.

We recommend you use this revision guide

