

REVISION GUIDE 2021-22

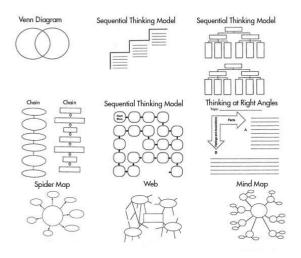
Revision Guide 2021-22

Thorough revision is essential if students are to be successful in examinations. Revision should be done over an extended period of time to give the best possible outcome. This guide gives useful advice about the bestways for students to revise, along with helpful tips and information for parents. If you have any further questions please do not hesitate to contact the Year Team: Mr Bulmer (Director of Learning, Year 11) mbulmer@rossettschool.co.uk Mrs Saunders (Student Support Officer, Year 11) csaunders@rossettschool.co.uk

Revision advice for Students

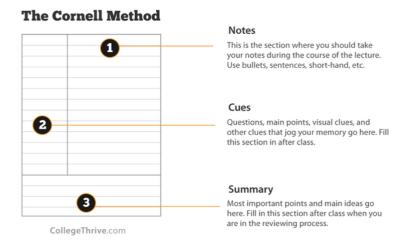
- 1. Retrieval Practice. Self-testing or quizzing has been proven to be a robust revision strategy, so that you can calibrate your knowledge and remembering. Revision guides often contain example short questions or multiple-choice questions that you can use to self-test.
- 2. Flashcards. Flashcards are a very familiar tool used by students. Essentially, they are used for selftesting/retrieval practice. Flashcards have facts on one side and questions on the other. They might also be used to learn key vocabulary with key words on one side and definitions on the other. The simpler flashcards make it easier to identify strengths and weaknesses. Students should drop flash cards from their pack once they are confident that they know the material. www.quizlet.co.uk has a number of pre-created guizzes. Teachers will also share relevant quizzes with students.



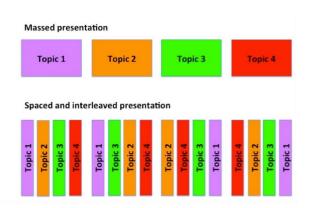


3. Graphic organisers. You need to be active in revision, **not just reading your notes and doing some** colouring in with a rainbow of highlighters. Graphic organisers are a handy vehicle to get you reconstructing your revision topics, making meaningful links and connections (in cognitive science, this is labelled the 'generation effect'). A concrete example would be using a **mind map** to **summarise** a topic or concept. Selecting the key information from your revision means you will have to think more carefully about what you write. It is more beneficial than copying.

4. Cornell Note-Taking Method. Another strategy that utilises the 'generation effect' is the well-known note-taking approach: the Cornell Method. Named after the US university, this strategy gets you thinking metacognitively, asking questions, noting key terms, and summarising the content being revised. This can be used during a lesson, following a lesson and then during revision or retrieval. (See example to the right).



- **5. 'Just a minute'**. Put simply, you must talk for a minute on the given term/topic no pauses, no hesitations. Slips or repetitions or micro pauses lose a 'life' three strikes and you're out. This strategy harnesses the '**self-explanation effect** '. In short, if you can elaborate on a topic and explain it well, you have retrieved it from memory a good revision act as well as likely consolidating it too.
- 6. 'Prepare to teach'/Elaboration. Similar to 'Just a Minute', the 'Prepare to teach' strategy involves the common idea of getting you to teach a peer a topic/term from your revision. Once more, it gets you to elaborate on your knowledge. Even expecting to teach appears to have a positive impact on you learning material, so this seemingly inconsequential tweak can have very beneficial effects.
- **7. Topic ranking**. By getting you to rank your own knowledge of your topics being revised, you deploy the important metacognitive strategy of evaluating your learning. Though **you may be inaccurate indeed overoptimistic in your judgments of your knowledge and learning**, it still helps you better calibrate your revision and monitor your ongoing progress. You can use exam specification checklists provided by your teacher to do this.
- **8. Past questions.** You need to **practice examination questions**, over and over, well-**spaced over time**. The effect of exploring **worked examples** or **exam answers**, as well as writing your own, helps you process, practice and refine your revision to meet the parameters of exam success. Places to find exam papers are sign-posted in each of the subject areas of this guide but you can also find them on exam board websites.
- **9. Interleaving** is a learning technique that involves mixing different topics or forms of practice, in order to facilitate learning. For example, if a student uses interleaving while preparing for an exam, they can mix up different types of questions, rather than study only one type of question at a time. Interleaving, which is sometimes referred to as mixed practice or varied practice, is contrasted with massed practice (sometimes referred to as specific/block practice), which involves focusing on only a single topic or form of practice at a time. Consider this when planning your revision timetable.



Key Take away messages for you

- Make your revision active. Don't just read notes. Use the examples above e.g. flash cards, self-testing, mind maps.
- Getting a good night's sleep is vital. Accept when your head is full and get up early the next day.
- Ensure you are revising in a place that is free of distractions. Mobile phones should be put away/switched
 off
- Take five-minute breaks every half an hour. Make sure you eat the right foods and drink plenty of water. Energy drinks don't allow your brain to function properly so are not a good option.

Six Effective Study Habits

The Learning Sciences are cognitive psychological scientists interested in research on education. Their main research focus is on the science of learning. (Hence, "The Learning Scientists"!). Below you will find some videos that explain 6 habits of highly successful students.

WATCH: https://www.learningscientists.org/videos

Revision advice for parents and carers

- Completing past exam papers is an invaluable way to test knowledge and build confidence check your child is doing these at school and as part of his/her revision.
- Ensure your child plans his/her revision carefully. With over 10 exams organisation is the key to success.
- Encourage your child to display his/her revision timetable where you can see it so you can 'gently' remind them what they should be doing. A template revision timetable and monthly revision plan is included at the end of this guide.
- A revision timetable should include small blocks of time each should be about 30 minutes long with regular breaks in between.
- Check that your child is revising all of his/her subjects rather than just the ones they prefer/find easy.
- Ensure your child builds free time into his/her week to socialise and relax as well as maintaining any commitments e.g. Football training, swimming etc.
 Remember regular exercise will help them both physically and mentally.
- Encourage your child to explore which revision technique works best for them i.e. mind maps, mnemonics (memory aids), flash cards etc.
- Get involved! Offer to test your son/daughter to self-test you'll be surprised at what you learn from this and how your input can help.
- Keep your child 'fed and watered'. Lots of water and healthy snacks will keep him/her motivated.
- Don't allow your son/daughter to be distracted by other people, the television, loud music or his/her mobile phone. Providing a calm, quiet space to work will maximise their chances of success.
- Contact your son/daughter's teachers directly if they don't seem to know what to revise.

Attendance

Excellent attendance is vital to ensure your son/daughter achieves the best possible results in his/her examinations. Even a relatively small amount of absence has a big impact on results and it is even more important at this stage in your son/daughter's education that exceptional attendance is maintained.

Contact details

If you have any subject specific/exam enquires then please contact one of the members of staff listed below. They will either respond directly themselves or forward your message to your child's classroom teacher.

To create the email address you need simply add @rossettschool.co.uk after the teachers name e.g. gbrown@rossettschool.co.uk

English - GBrown
Maths - ABinns
Science - HThorp-Greenwood
Humanities - AOtway
Languages - CHalliwell
Arts - AMclurg
Technology - APhelps
Sports - KFairbairn
Computer and Social Sciences - LWarburton

Exams Officer – JJones Exams Access – EFazakerley Head of Curriculum – CStone

Rossett Careers Advice

Rossett School provides independent careers information, advice and guidance for ouryou through the Shine Careers Service.

Young people should undertake some learning until the age of 18, this could be through full-time education/training such as school, college or an apprenticeship, or part-time education or training if in employment, self-employment or volunteering for 20 hours or more a week.

Full Time Education

a) A Levels – These qualifications focus on traditional study skills/exams and normally take two years to complete full-time. You can choose from a wide range of academic subjects, as well as some 'applied' (work-related) subjects. You usually study three or four subjects, you should choose things you enjoy and are good at and also consider new subjects. You should aim for a good set of GCSE levels from 9-4, in at least 5 subjects including English and Maths.

Vocational courses

b) These are options linked to areas of work and there are a range of courses available from hairdressing to construction, information technology to catering. Courses offer a mixture of theory and practical learning and include continual assessment requiring you to meet deadlines.

Level 2 courses are 1 year. Entry requirements may vary but usually you would need 4 GCSE subjects at level 3 or above. On successful completion of these you may be able to progress onto a level 3 course or into employment.

Level 3 courses take up to 2 years and are equivalent to 1/2/3 A- levels depending on the number of units taken. Entry requirements may vary but usually you would need 4/5 GCSE subjects at level 4 or above including English, although some courses also require Maths and Science. You may also be able to study AS/A levels alongside these. Vocational courses can allow you to progress into Higher Education, employment or apprenticeships.

There are also Entry Level and Level 1 courses for you who have not yet achieved theentry requirements for level 2.

Anyone who has not achieved a level 4 at GCSE in English and Maths will be required to continue to take these subjects at school or college.

Apprenticeships

An apprenticeship allows you to combine work and training and earn money at the same time.

• There are Intermediate (Level 2), Advanced (Level 3), Higher (Level 4-7, Degree (Level 6-7) apprenticeships. At 16 you would normally start on an Intermediate or Advanced level.

- The qualifications you gain will be relevant to the job and may be completed in the work place, by day or block release to a college or training centre or a mixture of these methods. There can be a lot of competition for specific work areas and you may be asked to find your own work placement. You should ensure that you have an up-to-date CV so that you can approach local employers to enquire about vacancies. Apprenticeships can take between one and four years to complete depending on the level of apprenticeship, the apprentices' ability and the industry sector. Entry requirements vary depending on the level of apprenticeship, you often have to take selection/aptitude tests. The www.gov.uk website (search find an apprenticeship) provides a good starting point to view all local and national opportunities.
- Traineeships are also available. These provide work experience and the opportunity to
 improve Maths, English and employability skills to progress on to an apprenticeship or
 other employment/learning options. A Traineeship is for people who should be ready to
 progress on to an apprenticeship within six months.
- Study programmes are induvial programmes for learners and can include academic and/or vocational qualifications and work experience to help learners progress on to other options.

At Rossett we have 2 main resources for researching career ideas:

- **eCLIPS** is an easy to use on line careers resource which the school subscribe to. It has information on every career you could think of, and also general information (such as decisions at 16, decisions at 18, job families, job search techniques, apprenticeships, applying to university etc.). You and parents can be assured that all the information is checked by guidance and industry professionals and it is current and up to date (far simpler than googling!). Go to http://www.eclips-online.co.uk/login.php the school's unique password to use this website is Rossett.
- JED (Job Explorer Database) again this is an easy to use resource. In addition JED has a quiz which can help young people generate career ideas based on their current feelings of the world of work. This is particularly useful for you finding it hard to get started with career ideas. You will need to save their results (and willthen be able to access them without repeating the quiz). It will also do subject searches so young people can see the career options resulting from subject combinations they may be considering post.
 - 16. http://chas.careersoft.co.uk/Jed/Index.aspx?CurrentProfile=1

What does the student need to do? – Timeline

- Concentrate on his/her GCSE studies and work hard to gain the best possible grades.
- Speak to family, friends and teachers about his/her options Post-16.
- Use ECLIPS.
- Use JED (Job Explorer Database) careers programme to explore ideas using the 'suits me' quiz.
- Attend the Rossett Sixth Form open event (held in the autumn term) to find out more information about the courses available.
- Attend local college open events to obtain more information about the courses on offer and to gain a feel for a possible new environment. A list of open event dates and college prospectuses are available from the careers room.
- Have a plan if you do not have one then do see your careers adviser.
- Applications for school should be complete by 18 December 2020.

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- Applications for college should be completed in early 2021.
- You can find apprenticeship vacancies on the government website www.gov.uk type apprenticeship in the search box. You can also register on www.getmyfirstjob.co.uk.
- Remember you can apply for more than one learning provider (Sixth Form, College and Apprenticeships) and can make your final decision after receiving your GCSE results in August, keeping your options open.
- You should think about a backup plan just in case your first option is not available.
- You can research different career profiles and job areas by using the National Careers Service website https:nationalcareersservice.direct.gov.uk.
- You can research degree courses at university/college using www.ucas.com if you are thinking about higher education.
- 'Informed Choices' is a useful booklet which explains about different kinds of qualifications and also gives examples of which A level subjects are required for some degree courses. http://russellgroup.ac.uk/media532/informed choices-print.pdf

SUPPORT – Mrs Morgan (in-school careers advisor) can help young people apply for school/college and apprenticeship options and provide in depth guidance to those who are still vocationally unsure.

Mrs Morgan is in school 2 days per week (usually on a Monday and a Thursday). You can contact her in school on KMorgan@rossettschool.co.uk or via Mrs Wignall who will arrange an appointment RWignall@rossettschool.co.uk.

Useful websites

http://www.eclips-online.co.uk/login.php
http://chas.careersoft.co.uk/Jed/Index.aspx?CurrentProfile=1
www.icould.com
Careersbox.co.uk
www.healthcareers.nhs
www.prospectus.ac.uk
healthcareers.nhs

SUBJECT ADVICE FOR THE SUMMER 2021 GCSE EXAMS

Maths

- 1. Our Maths GCSE exam board and code is 'Edexcel GCSE (9-1) 1Ma1'. You can find past papers and mark schemes from https://www.mathsgenie.co.uk/papers.html
- 2. Use Hegarty maths to revise specific topics. A list of the tasks by topic can be found in student help and resources, these are split by foundation, higher only and cross-over (On both higher and foundation). Each video will show you exactly how to do each of the questions in the task. If you find a topic difficult ensure you watch all of the video and take notes on each example. Use MemRi to revise a mixture of topics which you have previously done well. Fix up 5 will give you a random selection of the questions you have previously been unable to do.
- 3. Make sure you have the TOPIC LIST from your teacher. If you want to find topic specific exam past paper questions, answers and 'how-to' videos visit; https://corbettmaths.com/contents/
- 4. Get a **scientific calculator** and know how to use it! You must know where all the buttons you will need are on the calculator.
- 5. Make sure you bring all of the **equipment** you need: protractor, compass, pencil, ruler, eraser, calculator (Calculator Casio FX83 is available to buy from the finance office for £8).
- 6. At Foundation level: If you are aiming for a Grade 4 you will need to focus on the first 55 marks on the paper.
- 7. At Higher level: If you are aiming for a Grade 4/5 focus on questions 1-15 of the past papers. For a Grade 6 focus on the first 20 questions. If you are aiming for a Grade 7/8/9 then focus on the last 10 questions on the paper.
- 8. Change your mind-set. Make a list of questions you **can't do** this will become your list of "hard topics" and what to focus on to improve.
- 9. Keep the questions you didn't do very well. Note what you did wrong and what the right answer should look like. Look back at these before the exam.
- 10. Contact your teacher through Microsoft Teams if you need help and support with a question. Add a photo of your working and the question.
- 11. Use BBC Bitesize, Youtube videos, your books, revision guides, friends and parents to help you revise. (Revision guides are available from the finance office for £6)

English

June 2017 saw the first of the exams for the new specifications for English Literature and English Language. You will be awarded two separate GCSEs at the end of the course. For this revision aid we have focused on the Language exam with a view to sharing further information on Literature at a later date. Here is the link to the AQA specifications that you are currently studying:-

http://filestore.aga.org.uk/resources/english/specifications/AQA-8700-SP-2015.PDF

As the specification is new, there are not any past papers available. Any specimen papers that are produced by AQA will be shared with you in your English lessons.

We have chosen to drop the Anthology of poems in line with COVID allowances that have been made by AQA

Here is a summary of the course content for the Language GCSE:-

Assessments

All texts in the examination will be unseen.

question (24 marks for

content, 16 marks for

technical accuracy)

Paper 1: Explorations Paper 2: Writers' Non-examination in Creative Reading and Viewpoints and Assessment: Spoken Writing Perspectives Language What's assessed What's assessed What's assessed Section A: Reading Section A: Reading (AO7-AO9) one literature fiction text one non-fiction text and presenting one literary non-fiction text Section B: Writing responding to questions Section B: Writing and feedback descriptive or narrative writing writing to present a use of standard English viewpoint Assessed Assessed Assessed written exam: 1 hour 45 written exam: 1 hour 45 teacher set throughout minutes minutes course 80 marks 80 marks marked by teacher 50 % of GCSE 50 % of GCSE separate endorsement (0 % weighting of GCSE) Questions Questions Reading (40 marks) (25%) Reading (40 marks) (25%) - one single text - two linked texts 1 short form question 1 short form question (1 x 4 marks) (1 x 4 marks) 2 longer form questions 2 longer form questions (1 x 8, 1 x 12 marks) (2 x 8 marks) 1 extended question 1 extended question (1 x 20 marks) (1 x 16 marks) Writing (40 marks) (25%) Writing (40 marks) (25%) 1 extended writing 1 extended writing

question (24 marks for

content, 16 marks for

technical accuracy)

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We would advise at this stage in the course that you are supported as they prepare for the writing tasks that are assessed as 50% of the English Language GCSE.

Paper 1: Explorations in Creative Reading and Writing

Section B: Writing Descriptive or Narrative writing - 40 marks (25%)

Example of task:-

You are going to enter a creative writing competition.

Your entry will be judged by a panel of people of your own age.

Either: Write a description suggested by this picture: (picture of a coastline in a tumultuous storm)

Or: Write the opening part of a story about a place that is severely affected by the weather.

(24 marks for content and organisation and 16 marks for technical accuracy)
[40 marks]



Paper 2: Writers' Viewpoints and Perspectives

Section B: Writing to present a viewpoint - 40 marks (25%)

Example 1

'Uniform prevents you from expressing your individuality. Some you believe that you should have the freedom to make your own choices about clothing.'

Write a broadsheet article expressing your views on this topic.

Example 2

'Some people believe that the voting age should be reduced to 16.'

Argue both for and against this motion. Write as a columnist for a broadsheet newspaper.

Top 10 tips

- 1. Technical accuracy is worth 16 marks; ensure that you always take time to re-read your work. Parents you can help by reading through homework tasks with your son/daughter.
- 2. Make sure you can use a full range of punctuation (e.g. colon and semi-colon). Look at how published writers are using punctuation.
- 3. Make a list of ambitious vocabulary to use in your creative writing, look up synonyms of adjectives and make sure that you can spell them correctly. Parents you can pin a list of ambitious vocabulary on the fridge and test them frequently.
- 4. Read a range of fiction to inspire the creative writing element of the exam. Notice how writers structure their story openings to engage the reader.
- 5. Read a range of non-fiction including broadsheet newspapers, online articles and editorials. Parents we like the i-newspaper, sister paper to the independent for a concise quality read.
- 6. Be aware of the conventions of forms of non-fiction (e.g. sentence structure of a broadsheet newspaper). Don't dismiss the junk mail; this can be a good source for persuasive writing, especially the charity leaflets.
- 7. Select pictures from google images and magazines and write descriptions and narratives. Parents encourage by proof reading and checking technical accuracy.
- 8. Understand the conventions required for different forms of writing (e.g. persuasive and descriptive).
- 9. Practise structuring an argument; make sure you address the counter argument.

 Parents introduce a debate and take turns coming up with a counter argument.
- 10. Consciously craft structure for effect in your writing. Always keep in mind your audience and their engagement.

Science

1. Our Science GCSE exam board is AQA and you can find past papers and mark schemes using the links below. Have a look at these to get an idea of the type of questions you are going to be asked.

Combined Science Trilogy:

https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources

Triple Science: Biology, Chemistry, Physics

https://www.aga.org.uk/subjects/science/gcse/biology-8461/assessment-resources

https://www.aga.org.uk/subjects/science/gcse/chemistry-8462/assessment-resources

https://www.aqa.org.uk/subjects/science/gcse/physics-8463/assessment-resources

- 2. Buy a revision guide. We sell these in school.
- 3. Get a scientific calculator and practice using it when you work through past papers. There will be questions that require calculator use so making sure you know how it works before the exam is good preparation.
- 4. Do your revision on a little and often basis; do not leave it to a last-minute cramming session on the night before the exam. In line with overall revision advice, the best approach is to work through a past paper and use the questions you struggled with to identify the areas where you need to do more revision and then read through the appropriate part of your notes or revision guide. Finally re-write the answers to the questions again to make sure you memorise the perfect answer.
- 5. Don't struggle by yourself; involve your friends in your revision. Try learning a page and then testing each other or make flash cards and then try them out on each other.
- 6. Use the internet resources available, we recommend the following sites:

BBC Bitesize AQA: https://www.bbc.co.uk/bitesize/examspecs/z8r997h

Science Google drive:

https://drive.google.com/drive/folders/0B2h98W2gK1SYRUhKVXJtMWpsSGc?usp=sharing

Kerboodle Science: https://www.kerboodle.com

FreeScienceLessons Youtube Channel:

https://www.youtube.com/channel/UCqbOeHaAUXw9ll7sBVG3_bw

Seneca Learning - https://senecalearning.com/en-GB/

- 8. Make a recording of yourself reading key facts and then listen to them on your iPod, better still make up a sona, rap etc.
- 9. Tick off the index of the revision guide as you think you have mastered them so you can see the progress you are making.

Combined Science

At Rossett we follow the Combined Science Trilogy course. Information for this course can be found using the link or QR code below. In this course students will sit 6 exams which are 70 marks and worth 16.7% of the GCSE. Each exam is 1hour and 15 minutes. The exams are:-

Biology Paper 1

- Cell Biology
- Organisation
- Infection and response
- Bioenergetics

Chemistry Paper 1

- · Atomic structure and the periodic table
- Bonding, structure and properties of matter.
- Quantitative Chemistry.
- Chemical Changes
- Energy Changes

Biology Paper 2

- Homeostasis and response
- · Inheritance, variation and evolution
- Ecology

Chemistry Paper 2

- · The rate and extent of chemical change Organic Chemistry
- Chemical analysis
- · Chemistry of the atmosphere
- Using resources

Physics Paper 1

- Energy
- Electricity Particle model of matter
- Atomic Structure

Physics Paper 2

- Forces
- Waves
- Magnetism and electromagnetism



ubiects/science/acse/co mbined-science-frllogy-

Science Google Drive

This link will take you to the resources prepared by Rossett Science staff. It includes all past paper questions broken down by topics.

https://drive.google.com/drive/fol ders/082h98W2gK1SYRUhKVXJtMW psSGc2usp=sharing



Kerboodle

This link will take you to the Kerboodle resources provided by AQA. The resources include an on-line textbook, podcasts, activities, worksheets and assessments. All students should have a log in, usually their initial followed by their surname e.g jsmith. https://www.kerboodle.com



BBC Bitesize

This link will take you to BBC bitesize for GCSE Science. These resources include revision notes, activties, tests and video clips.

s/zrkw2hv



Triple Science

At Rossett we follow the Triple Science course. Information for this course can be found using the links or QR codes below. In this course students will sit 2 exams for each subject which are 100 marks and worth 50% of the GCSE. Each exam is 1hour and 45 minutes. The exams are:-

8461

• Cell Biology

- Organisation
- · Infection and response
- Bioenergetics

Chemistry Paper 1

- Atomic structure and the periodic table
- Bonding, structure and properties of matter. Quantitative Chemistry.
- **Chemical Changes**
- Energy Changes

Biology Paper 2

- Homeostasis and response
- · Inheritance variation and evolution
- Ecology

Chemistry Paper 2

- The rate and extent of uk/subjects/science/gc chemical change
- Organic Chemistry
- Chemical analysis
- · Chemistry of the
- atmosphere Using resources

ects/science/ecse/biology-



https://www.aga.org.



Physics Paper 2

Energy

Physics Paper 1

Electricity

- Forces
- Waves
- Magnetism and
- electromagnetism

Atomic Structure

Space

http://www.aqa.org.uk/subjects/science /gcse/physics-8463

Particle model of matter

Science Google Drive

This link will take you to the resources prepared by Rossett Science staff. It includes all past paper questions broken down by

https://drive.google.com/drive/fol ders/082h98W2gK1SYRUhKVXJfMW psSGc?usp=sharing



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BBC Bitesize

This link will take you to BBC bitesize for GCSE Science. These resources include revision notes. activities, tests and video clips. http://www.bbc.co.uk/education/subjec

s/zrkw2hy



AQA GCSE Food Preparation and Nutrition



Food

Food preparation and Nutrition is a GCSE which focuses on the study and manipulation of food products as a material. You learn how different ingredients react and function during the preparation and cooking of different food products. During the first year youwill produce a variety of products to build skills and knowledge of the functions and properties of foods.

In the second year the you will work on 2 assessed tasks.

Task 1: Food investigation to show the you' understanding of the working characteristics, functional and chemical properties of ingredients. Practical investigations are a compulsory element of this task.

Task 2: Food preparation assessment to show the you' knowledge, skills and understanding in relation to the planning, preparation, cooking, presentation of food and application of nutrition related to the chosen task. You will prepare, cook and present afinal menu of three dishes within a single period of no more than three hours, planning in advance how this will be achieved.

Controlled Assessment (50%)

Digital Book is the most important resource.

For your log in please see your teacher.







Useful

- Jimmy's food factory BBC one this is excellent for the science behind food
- Food Unwrapped Channel 4 This tackles current issues and secrets of the food industry
- The Great British Bake off this is great for inspiration
- Master Chef for technical challenges
- Jimmy and Jamie's Friday night feast tackles current issues with food and encourages thinking globally about where food comes from.

AQA GCSE Design Technology



GCSE Design and Technology will prepare you to participate confidently and successfully in an increasingly technological world. You will gain awareness and learn from wider influences on Design and Technology including historical, social, cultural, environmental and economic factors. You will get the opportunity to work creatively when designing and making and apply technical and practical expertise. The GCSE allowsyou to study core technical and designing and making principles, including a broad range of design processes, materials techniques and equipment. They will also have the opportunity to study specialist technical principles in greater depth. You can find out aboutall our Design and Technology qualifications at aqa.org.uk/ designandtechnology

During the first year, you build skills and knowledge of the design and making processand then progressed onto their chosen major project. The theory lessons help and support them with the written paper. You have a copy of the CGP exam practise book and should answer the questions as part of homework and revision.

Controlled Assessment (50%)





Useful Websites

- www.technologystudent.com
- www.bbcbitesize.co.uk
- www.howstuffworks.com



Edugas Level 2 Hospitality and catering

This qualification is intended for you who are interested in food preparation and wish to develop skills and knowledge that will prepare them for further study or employment within this sector.

We are currently working on Unit 2, which is a Non Exam Assessment in which they will research and plan 2 dishes which they will prepare in their practical exam in March 2022.



Some have already achieved their target grade in the Unit 1 examination last summer, if they did not achieve their target, they will re-sit the examination next summer to improve on their grade. Revision guides are available from the finance office if not purchased last year.

Revision topics include:

- 1.1 Structure of the hospitality and catering industry services and providers, commercial and non-commercial establishments, suppliers, standards and ratings and job roles
- 1.2 Job requirements pay, training, qualifications and experience
- 1.3 Working conditions contracts, working hours and pay
- 1.4 Factors affecting success of a business
- 2.1 Operation of the kitchen and 2.2 operation of front of house dress codes, equipment, stock, documentation, work flow, safety and security
- 2.3 Customer requirements- leisure, local and business customers- what are their needs, expectations, rights and how do you ensure/ provide equality
- 3.1 Personal safety in the workplace health and safety at work act, HACCP, RIDDOR, COSHH, Manual handling operations regulations, PPER
- 3.2 Risks to safety- health, security in kitchen, hotel and restaurant
- 4.1 Causes of ill health bacteria, microbes, allergies, intolerances
- 4.2 Environmental health officer (EHO)- what is an EHO, 7 jobs roles
- 4.3 Food legislation- food safety act, food-labelling regulations
- 4.4 Types of food poisoning e-coli, salmonella, clostridium perfringens, campolybactor, listeria, bacillius cereus, staphylococcus aureus
- 4.5 Symptoms of ill health visible and non-visible symptoms for allergies, intolerances and food poisoning
- 5.1 Hospitality and catering advantages and disadvantages of hospitality and catering facilities, how they meet needs of different customers
- 5.2 Planning Hospitality and catering events factors to consider when proposing ideas to meet the needs of a range of customers.

GCSE Geography

Exam Board: AQA Geography – 8035

http://www.aga.org.uk/subjects/geography/gcse/geography-8035/assessment-resources

You will find lots to support your learning on the Rossett Geography Website



Revise for the weekly in class assessments found in 'Essentials'

- Use the past exam questions in 'Key Revision Resources'
- ❖ Find detailed notes and links to extra reading on each unit
- ❖ Go to 'Skills' to practise map and graphical skills
- Use the check lists and quizlets in 'Key Revision Resources'

http://rossettgeography.weebly.com/

ose the check lists and quiziets in key hevision hesources

Revision Guides: New AQA 9-1 GCSE Geography (£4.00), AQA exam Question Work booklet (£4.00)

Course Content and Assessment

Living with the physical environment (Paper 1)

The challenge of natural hazards

The living world

Physical landscapes in the UK

Written exam: 1 hour 30 minutes

35% of GCSE

Challenges in the human environment (Paper 2)

Urban issues and challenges The changing economic world

The challenge of resource management

Written exam: 1 hour 30 minutes

35% of GCSE

Geographical applications (Paper 3)

Issue evaluation; Fieldwork

Written exam: 1 hour 15 minutes

30% of GCSE

Pre-release resources booklet made available 12 weeks before Paper 3 exam



GCSE History



Download specimen and past papers for History GCSE Edexcel.

Paper 1- Thematic Study and Historical Environment (30%) 1Hio/10

Crime and Punishment in Britain C.1000- present, with study on Whitechapel c.1870-1900: crime, policing and the inner city.

Paper 2- Period Study and British Depth Study(40%) (1Hio/20-29)

Anglo Saxon and Norman England c.1060-c.1088. (B1) American West c.1835-c.1895 (24/25).

Paper 3- Modern Depth Study (30%) (1Hio/33)

The USA 1945-75: Conflict home and abroad.



Use the Websites and Twitter handles below to revise key content: _____

@MrAOtway @RossettHistory http://history.rossettschool.co.uk/

Questions

Describe <u>two</u> features of... Explain 2 things

Give 2 things you can infer...

How useful are sources... for ...?

How useful...?

How could you follow up source...?

What is the main difference?

Explain one similarity/difference...

WHY are the interpretations different?

Explain why ...?

How far do you agree...?

Analytical Narrative

Explain the importance of... to...

8/9 1 can evaluate and ludge

7 I can give an argument...

6 I can explain...

5 I can describe...



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Level 2 iMedia



Download specimen and past papers for R081 Pre-Production:

Specimen Paper

Jan 2014 – Paper and Mark Scheme June 2014 – Paper and Mark Scheme January 2015 - Paper and Mark Scheme June 2015 – Paper and Mark Scheme

Join the imedia class on Teams on Office 365 for access to all imedia revision material, including access to all in class presentations

Join the Website below if you need to revise key content: http://www.memrise.com/course/476133/imedia-r081/

Pre-production methods:

Mood boards
Mind Maps
Visualisation Diagrams
Scripts
Storyboards
Work Plan
Resources
Milestones
Contingency planning

Researching:

Primary Research
Secondary Research
Target Audience
Risk Assessments
Health & Safety
Legislation
Copyright
Hardware requirements
Software requirements



Download specimen and past papers from OCR http://www.ocr.org.uk/Images/290191-sample-assessment-materials-taster-booklet.pdf

http://www.ocr.org.uk/Images/226630-unit-j276-02-computational-thinking-algorithms-andprogramming-sample-assessment-materials.pdf

Revision Guides: New OCR 9-1 GCSE Computer Science. Miss Warburton will hand out revision booklets in lesson for both papers too.

Join the Computer Resources on Teams on Office 365 for access to all Computer Science revision material including 6 a day exam questions and all class materials.

Join the website https://revisecomputerscience.com/ For exam practice, flashcards and videos

Command words

<u>Algorithm</u> - A set of rules specifying a how to solve a problem.

<u>Sequence</u> - Set of instructions to be carried out in the order they are written.

<u>Selection</u> - The pathway through a program is selected by using a condition to decide on what instructions to execute next.

<u>Iteration</u> - A group of instructions is executed repeatedly until a condition is met (a loop).

<u>CPU</u> - The main component of the computer. It carries out all the processing by fetching and executing instructions.

Fetch Execute Cycle - The process by which programs are run on a computer. The processor repeatedly fetches the instructions of the program from memory and executes them.

Topics.

Algorithms
Data Representation
System Architecture
Networks
Programming
Computational Thinking
Software
Testing Strategies,
Translators and IDE's





OCR GCSE Business Studies

Specification:







Teams: Look at the Microsoft Team for your GCSE Business Studies class. Here you will find class resources, revision tasks and exam tips.

Course Overview: Here is a summary of the OCR GCSE Business Studies course and a breakdown of the topics. You cover Topics 1, 2 and 3 in Year 1 and Topics 4, 5, 6 and 7 in Year 2:

Content Overview Assessment Overview business activity, 50% **Business activity** marketing and people (01) Marketing of total 80 Marks People GCSE 1 Hour 30 Minutes paper **Business 2:** operations, Operations finance and 50% Finance influences on of total Influences on business business (02)* The interdependent **GCSE** 80 Marks nature of business 1 Hour 30 Minutes paper

Overview of specification content

	8/8	
1. 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
2. Marketing	2.1	The role of marketing
	2.2	Market research
	2.3	Market segmentation
	2.4	The marketing mix
3. People	3.1	The role of human resources
	3.2	Organisational 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

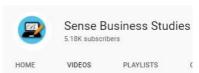
4.1	Production processes
4.2	Quality of goods and services
4.3	The sales process and customer service
4.4	Consumer law
4.5	Business location
4.6	Working with suppliers
5.1	The role of the finance function
5.2	Sources of finance
5.3	Revenue, costs, profit and loss
5.4	Break-even
5.5	Cash and cash flow
6.1	Ethical and environmental considerations
6.2	The economic climate
6.3	Globalisation
	4.3 4.4 4.5 4.6 5.1 5.2 5.3 5.4 5.5

Past Papers: Past exam papers and Sample exam papers can be found here:



Revision Sites: The following sites are brilliant for revision:









Bitesize





Available from school at £5.

Please purchase via SCOPAY, any issues contact finance on <u>finance@rossettschool.co.uk</u>

And Finally.... Remember that revision is not all about learning the subject theory. You also need to know how to write your exam answers. When you revise remember to learn the theory (AO1 Content), Link it to real business / case study examples (AO2 Application) and explain it, pros and cons, etc (AO3 Analysis):

Revision Guide 2021-22

	Assessment Objective
A01	Demonstrate knowledge and understanding of business concepts and issues
A02	Apply knowledge and understanding of business concepts and issues to a variety of contexts
AO3	Analyse and evaluate business information and issues to demonstrate understanding of business activity, make judgements and draw conclusions

Commont	% of overall	GCSE (9–1) in Busine	ss (J204)
Component	A01	AO2	AO3
Business 1: business activity, marketing and people (J204/01)	16–19%	16–19%	14–16%
Business 2: operations, finance and influences on business (J204/02)	16–19%	16–19%	14–16%
Total	35%	35%	30%

French and Spanish

French specification – 8658 Spanish specification – 8698

GCSE French/Spanish New Specification To be examined from June 2018 Course content/Topics for revision:

3.1.1 Theme 1: Identity and culture

Theme 1: Identity and culture covers the following four topics with related sub-topics shown as bullet points:

Topic 1: Me, my family and friendsRelationships with family and friends
Marriage/partnership

Topic 2: Technology in everyday life

Social media

Mobile technology

Topic 3: Free-time activities

Music

Cinema and TV Food and eating out

Sport

Topic 4: Customs and festivals in Spanish/French-speaking countries/communities

3.1.2 Theme 2: Local, national, international and global areas of interest

Theme 2: Local, national, international and global areas of interest covers the following four topics with related sub-topics shown as bullet points:

Topic 1: Home, town, neighbourhood and region

Topic 2: Social issues
Charity/voluntary work
Healthy/unhealthy living
Topic 3: Global issues
The environment

Poverty/homelessness

Topic 4: Travel and tourism

3.1.3 Theme 3: Current and future study and employment

Theme 3: Current and future study and employment covers the following four topics:

Topic 1: My studies

Topic 2: Life at school/college Topic 3: Education post-16

Topic 4: Jobs, career choices and ambitions

Revision Guide 2021-22

Ensure that you revise all the topic-based items of vocabulary, using your class notes and your CGP revision guide and/or CD. Spend a lot of time going through it and do not only focus on short term memorisation techniques. Ask your teacher to give you further advice on how to best learn and revise specific vocabulary. Your friends' techniques may not work for you!

<u>Grammar</u> is another aspect of the language you need to focus on: revise how to conjugate <u>regular verbs in the main tenses</u> (present, perfect, imperfect, near future, future and conditional) and learn the paradigms of <u>the most important irregular verbs</u> (to be, to have, to do, to go, etc.). Some questions in both your listening and reading papers will contain a mixture of tenses and you will need to be able to recognise them in order to answer those questions. A good starting point to check and consolidate your knowledge of French or Spanish grammar, especially tenses, is to visit the following website (you will be familiar with it by now): http://www.languagesonline.org.uk/

Use <u>all the resources provided by the MFL Faculty</u>, especially attractive websites for which we have a subscription. Your teachers will provide you with the passwords. The main ones are:

- 1. https://www.linguascope.com
- 2. www.espanol-extra.co.uk/spx**mflgames**/spx**mflgames**intro.htm
- 3. http://www.francais-extra.co.uk/frxmflgames/frenchgamesmenu.htm
- 4. www.activeteachonline.com/view
- 5. GCSE Pod: French/Spanish activities

Use some of the following recommended apps which can be downloaded for free on Apple store or Google Play Store:

- 1. Memrise
- 2. Duolinguo
- 3. Gojimo

Practise <u>examination techniques</u> by completing as many <u>past examination papers</u> as you can (you will have done most of them in lessons but it would be very useful to have another go in your own time). They can be found on the following website/link:

http://www.aqa.org.uk/exams-administration/exams-guidance/find-past-papers-and-mark-schemes (select subject, GCSE, year, etc.) Ensure that you choose the correct entry level (foundation or higher) and check the mark scheme once you have completed the paper, thus ensuring that you learn from your mistakes (ask a teacher when you do not understand why you got the wrong answer). You can find specimen papers for the new specification, in addition to old specification papers, however, the topics, vocabulary and grammar have not changed and therefore they are still invaluable practice.



For 20 – 21 all intervention will be held digitally through the 'Subject Surgery' Teams; weekly resources and revision points will be uploaded them by Rossett staff. Students are strongly advised to participate to both help close any gaps, but also boost their grade to the next grade up.

Key vocabulary – Spanish

Key Vocabulary – French





*Please note that the above vocabulary lists are **not** exhaustive, but an indication of the possible vocabulary that may appear in the exam. You are expected to be able to dealwith up to 30% of vocabulary previously unseen.

Examinations (French and Spanish)

Foundation Tier:

- Speaking: Endorsement (Pass/ Merit/ Distinction) (2021 only)
- 2. Listening Exam 33%: 35 minutes
- 3. Reading Exam 33%: 45 minutes

4. Writing Exam 33%: 1 hour

Q1: Photo card

Q2: 40 words (4 points)

Q3: Translation: English – Spanish/French

Q4: 90 words (4 points)

Higher Tier:

- Speaking: Endorsement (Pass/ Merit/ Distinction) (2021 only)
- 2. Listening Exam 33%: 45 minutes
- 3. Reading Exam 33%: 1 hour
- 4. Writing Exam 33%: 1 hour 15 mins

Q1: 90 word (4 points)
Q2: 150 words (2 points)

Q3: Translation: English – Spanish/French

The following revision guides are available for purchase from school. This can be done via your child's online account on Scopay









GCSE Art and Design (New Specification first teaching in 2016)

Exam Board: AQA Fine Art (8202)

http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206/assessment-resources

http://www.rossettschool.co.uk/curriculum/arts/ Rossett School arts website link.

Other useful Websites:

http://filestore.aqa.org.uk/resources/art-and-design/AQA-GCSE-ART-STUDENT-GUIDE.PDF

http://filestore.aqa.org.uk/resources/art-and-design/AQA-8202-SQP.PDF

https://www.gov.uk/government/publications/grade-descriptors-for-gcses-graded-9-to-1/grade-descriptors-for-gcses-graded-9-to-1-art-and-design

http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206/planning-resources

Course Content and Assessment

Areas of Study include drawing, painting, mixed media, photography, printmaking and sculpture.

Component 1 - Portfolio (100%)

A sustained project showing the creative journey from an initial starting point, through development of ideas, and then a personal response. You will look at suitable artists, illustrators or designers and will include drawing and notes.

A selection of further work for example personal sketchbooks, photoshoots, mini projects, skills-based workshops.

The course covers lots of exciting techniques and skills, and allows you to look at the work of a wide range of interesting artists.

Component 2 – Externally Set Assignment (40%) <u>THIS WILL NOT FORM PART OF THE 2021 EXAMINATION</u>

You will produce a practical outcome with a set preparatory time.

Starting points for the externally set task are set by the AQA exam board – you choose their theme from the paper. They can work to their strengths and interests, using the experience of their portfolio to help them choose the techniques, styles and ideas that they are most confident with to produce their final outcome.

GCSE Art and Design (New Specification first teaching in 2016)

Exam Board: AQA Art, Craft and Design http://www.aqa.org.uk/subjects/art-and-design-8201-8206/assessment-resources

Other useful Websites:

http://filestore.aqa.org.uk/resources/art-and-design/AQA-GCSE-ART-STUDENT-GUIDE.PDF

https://www.gov.uk/government/publications/grade-descriptors-for-gcses-graded-9-to-1/grade-descriptors-for-gcses-graded-9-to-1-art-and-design

http://filestore.aqa.org.uk/resources/art-and-design/AQA-8203-SQP.PDF

http://filestore.aqa.org.uk/resources/art-and-design/AQA-GCSE-ART-AND-DESIGN-COMP-GUIDE.PDF

http://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206/planning-resources

Course Content and Assessment

Art, Craft and Design

You choosing the Graphics Communication course will learn about the process of designing visual material to convey information, ideas, meaning and emotions in response to a given or self-defined brief.

Areas of Study will include:

photography and illustration

Component 1 - Portfolio (100%)

A sustained Project which shows the creative journey through a theme, including photography and Photo manipulation and looking at contemporary art and design approaches. You will choosetheir own artists to work from and their own theme. A selection of further work including drawing, painting, illustration, and digital manipulation.

Component 2 – Externally Set Assignment (40%) THIS WILL NOT FORM PART OF THE 2021 EXAMINATION

Student's will produce a practical outcome with a set preparatory time. Starting points for the externally set task will be sent from the AQA exam board – you can choose their theme from the paper. You will choose the technique that they are most confident with to produce their final outcome.

GCSE Philosophy and Ethics Course Information

AQA for GCSE Religious Studies A

Exam Code: 8062

Past Papers and Mark Schemes:

www.aqa.org.uk/subjects/religiousstudies/gcse/religious-studies-a-8062/assessment-resources





Useful Website:

https://rossettrep.weebly.com/ www.rsrevision.com/contents/index.htm

Revision guide:

AQA GCSE Religious Studies A: Christianity and Buddhism Revision Guide



Need to get in touch?

nveitch@rossettschool.co.uk

vfarr@rossettschool.co.uk

GCSE Philosophy and Ethics Exam Information

The GCSE is split into two exams which will both be taken at the end of the second year.

Philosophy (Component 1): The study of religious beliefs, teachings and practices

What is assessed?

Beliefs, teachings and practices from Christianity and Buddhism.

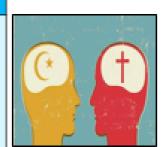
How is it assessed?

Written exam: 1 hour 45 minutes 96 marks (plus 5 marks for SPa5) 50% of 6CSE

What type of question?

Each religion has a common structure of two five-part questions of 1, 2, 4, 5, 12 marks.

Each religion is marked out of 48.



AND

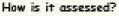




What is assessed?

Four religious, philosophical and ethical studies:

- Theme B Religion and life
- Thems D Religion, peace and conflict
- Theme E Religion, crime and punishment.
- Theme F Religion, human rights and social justice.



Written exam: 1 hour 45 minutes 96 marks (plus 5 for SPa5)

50% of *6CSE*



Each theme has a common structure of one five-part question of 1, 2, 4, 5, 12 marks.

Each theme is marked out of 24.



AO	Description
AO1	You need to demonstrate knowledge and understanding of religion and beliefs including: Beliefs, practices and sources of authority Influence on individuals an, communities and societies Similarities and differences within and/or between religions and beliefs.
AO2	You need to analyse and evaluate aspects of religion and belief, including their significance and influence.

<u>SPaG</u>

Up to 5 marks are given for correct spelling, punctuation and grammar (SPa5) in your 12 mark answers.

- 4-5 marks are given for the following:
- You spell and punctuate with consistent accuracy
- You use rules of grammar with effective control of meaning overall
- You use a wide range of specialist terms as appropriate

GCSE Physical Education New Specification

Exam Board: OCR Physical Education (J587)

Specification and Sample

Assessments:

http://www.ocr.org.uk/qualifications/gcse-physical-education-j587-from-2016/



Other useful Websites:

BBC Bitesize- lots of revision notes and practice tests.

https://www.bbc.co.uk/education/examspecs/ztrcg82

Rossett OCR GCSE PE Google Drive

The link allows access to all of the resources, end of unit tests and PowerPoints that have been delivered in class.

https://drive.google.com/open?id=16ikte ppeTXTuFVeifRn67Wy7kzToh2M



Quizlet - Rossett PE Quizlets

Course Content and Assessment

Physical Factors Affecting Performance (Paper 1)

Written exam: 1 hour

60 marks

30% of GCSE

Socio-cultural issues and Sports Psychology (Paper 2)

Written exam: 1 hour

60 marks

30% of GCSE

Performance within Physical Education

3 practical sports (1 individual, 1 team sport and one from either)

30% of GCSE

Analysing and Evaluating Performance coursework

BTEC Tech Award in Sport, Activity and Fitness

Exam Board: Edexcel (Pearson)

Specification and Sample Assessments:



https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/sport-activity-and-fitness/2017/specification-and-sample-assessments/PSPEC-Tech-Award-in-Sport-Activity-Fitness.pdf

Other useful Website:

BTEC PE.com- Unit 1 revision materials (external exam) and Unit 5 guidance (fitness training coursework)

https://www.btecpe.com/

Revision guide for the Component 2 exam is available from the Finance Office for £6.00

See the Sports Studies Department for more information

Course Content and Assessment

Component 1 Understand the Body and the Supporting Technology for Sport and Activity

Internally assessed coursework (almost complete)

30% of overall grade

Component 2 The Principles of Training, Nutrition and Psychology for Sport

1.5 hour written exam (already completed, resits entered)

40% of overall grade

Component 3 Applying the Principles of Sport and Activity

Internally assessed coursework

30% of overall grade

AQA



OCR



Edexcel



Drama	AQA
Geography	AQA
Philosophy & Ethics	AQA
Biology	AQA
Chemistry	AQA
Physics	AQA
Music	AQA
Art Digital	AQA
	OCR (GCSE)
PE	Edexcel (BTEC Sport and OP)
Computer Science	OCR
Maths	Edexcel
English	AQA
iMedia	OCR
Food Technology	AQA Food Preparation and Nutrition
Product Design	AQA
Resistant Material	AQA
Spanish	AQA
French	AQA

Weekly Revision Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
7:00							
8:00							
9:00							
10:00							
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Weekly Revision Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
7:00							
8:00							
9:00							
10:00							
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22:00							

Revision Calendar 2020-21

2020-21 Planner

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday