## Mock Exam Guidance

This guide provides a summary of key information about Mock Examinations

Subject	What papers	What do I need to know for these	What skills will I be tested	What kind of questions will I	How should I revise?	What do I need	Is there anything else I
Jubjece	am I sitting, and how long are they?	exams?	on?	get?	Trow should receive	to bring to the exam?	need to know?
English Lang	Exam Board - EDUQAS.  Paper I Fiction Reading and Writing: I hour and 45 minutes (worth 40%).  Paper 2: Non-Fiction Reading and Writing: 2 hours (worth 60%).	Paper I Fiction (made up). Reading You will be given ONE text from the 20th century to answer questions on. Do you know your reading strategy? This is QEX.  Writing: Do you know your writing strategy? This is it: You need to know how to create a story that has a strong beginning, middle and end. THREE sides long. You need a problem to develop. You need to resolve that problem - or deal with it somehow. Keep it ordinary - put your story in the local Asda, bus stop, park No zombies, graveyards, aliens or axe murderers. No cliff-hangers. No 'It was all a dream.' Technical accuracy needs to be as good as it can be - sentence structure, spellings, punctuation, vocab and tenses.  Paper 2 Non- Fiction (real life). Reading: You will be given TWO texts: one from the 19th century and one from the 21st century to answer questions on. Do you know your reading strategy? This is QEX.  Writing Do you know your writing strategy? This is it: You need to know how to create a variety of real-life writing such as: emails, letters, speeches, articles, reports and reviews. Your audience can be anyone: peers, teachers, politicians or parents, for example. TWO sides per piece of writing. Aim for an introduction and three very distinct sections that deal with different parts of the issues. End with a conclusion. Add lots of detail. Technical accuracy needs to be as good as it can be - sentence structure, spellings,	Paper I Fiction Reading:  AOI: simple information retrieval, what happens?  AO2: quotations and language analysis / effect on the audience.    Writing:  AO5: overall style, structure and communication.  AO6: SSPVT - sentence structure, spellings, punctuation, vocab and tenses.  Paper 2 Non-Fiction Reading:  AOI: simple information retrieval, what happens?  AO2: quotations and language analysis / effect on the audience.    AO3: comparison.  AO4: critical evaluation (personal opinion).    Writing:  AO5: overall style, structure and communication.  AO6: SSPVT - sentence structure, spellings, punctuation, vocab and tenses.	Paper I Reading: Five questions - usually become increasingly challenging.* QI - list / state information retrieval question. [5 marks] Q2 - QEX language analysis question. [5 marks] Q3 - QEX language analysis question. [10 marks] This could also be a structure question. Q4 - QEX language analysis question [10 marks] This could also be a structure question. Q5 - QEX question. This is usually the critical evaluation question. [10 marks] *Check the wording carefully - examiners can put any question anywhere they like! Don't be caught out.  Paper I Writing (Creative Prose - a Story): Select one title from a choice of four. [40 marks]  Paper 2 Reading: Six questions. * Q1 - list / state information retrieval question. [5 marks] Q2 - QEX language analysis question. [10 marks] Q4 - QEX question. This is usually the critical evaluation question. [10 marks] Q6 - QEX question. This is usually the comparison question. [10 marks] *Check the wording carefully - examiners can put any question anywhere they like! Don't be caught out.  Paper 2 Writing (Transactional - Real Life Writing): You are given two things to write about and you must do BOTH.	Do lots of practice papers. These are available on Show my Homework and in the school's IT student area (under English). You don't always have to do a full paper - take sections of them, but do them in TIMED CONDITIONS. Focus on the questions you feel less comfortable on.  Plan stories that can be re-used: have a few ideas up your sleeve that you can adjust, depending on the titles you are given.  In non-fiction writing, be sure you have read and practised a range of DIFFERENT examples of: reviews - films, TV, restaurants, hotels, movies reports - newspaper, school reports, formal reports such as The Hillsborough Report letters - formal, informal emails - formal, informal articles - magazines, newspapers, on- line accounts / autobiographies / diaries  Be sure you know how to set out each form (kind) of writing.	At least two black pens (in case one runs out).  A range of different coloured highlighters - ideally, use a different colour to highlight relevant information for each question in Paper 1.	If you are entitled to extra time, work out how you are going to use this. Use it in all your assessments / practice pieces before the exams; get used to how much time you have. Be sure you take advantage of every single minute of it: it DOES make a difference.  Don't rely on the questions being in a pre-set order: read the questions very carefully and don't get caught out.  Revision guides are available: GCP and York Notes for example. Just be sure that you choose ones that are designed for our exam board: EDUQAS.  If you are fortunate enough to have a tutor - it is VITAL that you communicate with class teachers about what would be useful to work on. This is because we have very clear strategies that we know work - if other systems are introduced, things might more confusing, not less!
Maths	Paper 1: I hour 30 mins (80 marks)	punctuation, vocab and tenses. Paper I: Non Calc topics Paper 2: Calc Topics	AO1 Use and apply standard techniques - Foundation 40% Higher 40%	Any questions from the topics can come up on any paper:  1. Number			
	Paper 2: I hour 30 mins (80 marks)  Paper 3: I hour 30 mins (80 marks)	Paper 3: Calc Topics	AO2 Reason, interpret and communicate mathematically - Foundation 25% Higher 30%  AO3 Solve problems within mathematics and in other contexts - Foundation 25% Higher 30%	2. Algebra 3. Ratio, proportion and rates of change 4. Geometry and measures 5. Probability 6. Statistics			

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Science Trilogy	EXAM BOARD: AQA COMBINED SCIENCE TRILOGY  Biology Paper 1: 1 hour 15 mins (70 marks)  Chemistry Paper 1: 1 hour 15 mins (70 marks)  Physics Paper 1: 1 hour 15 mins (70 marks)	Biology topics: Cell Biology; Organisation; Infection and response; and Bioenergetics.  Chemistry topics: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.  Physics topics: Energy; Electricity; Particle model of matter; and Atomic structure.	(40%) AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.  (40%) AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures.  (20%) AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.	Multiple choice, structured, closed short answer, and open response.  Biology: Maths/numeracy content: 10%  Chemistry: Maths/numeracy content: 20%  Physics: Maths/numeracy content: 30%		Black pen, pencil, ruler, rubber, pencil sharpener (BRING SPARES PEN) scientific calculator (Protractor for Physics examinations)	
Biology	EXAM BOARD: AQA BIOLOGY Biology Paper 1: 1 hour 45 mins (100 marks)	Biology topics: Cell Biology; Organisation; Infection and response; and Bioenergetics.	40%) AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.  (40%) AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures.  (20%) AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.	Multiple choice, structured, closed short answer, and open response.  Maths/numeracy content: 10%	Use the S.S.S. (Simple Science Strategy)  For each section on My GCSE Science:  1. Watch the video clip – make notes / be creative  2. Complete the multiple-choice Qs  3. Work through the exam question - using the mark scheme for guidance / feedback  4. Complete an exam question set by teacher for feedback and self/peer-assessment in the lesson	Black pen, pencil, ruler, rubber, pencil sharpener (BRING SPARES PEN) scientific calculator	You must start by learning the content and understanding it -this is where your notes in your books, hard work and resources on myGCSEScience come in.  Practise as many past papers Qs as you can - you can find hundreds (with mark schemes on myGCSEScience)  Read Qs carefully - check how many marks are available.
Chemistry	EXAM BOARD: AQA CHEMISTRY Chemistry Paper 1: 1 hour 45 mins (100 marks)	Chemistry topics: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.	40%) AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.  (40%) AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures.  (20%) AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.	Multiple choice, structured, closed short answer, and open response.  Chemistry: Maths/numeracy content: 20%		Black pen, pencil, ruler, rubber, pencil sharpener (BRING SPARES PEN) scientific calculator	Show all your working out.  Top-tip: for extended writing/longer mark Qs (e.g. 6 marks) it may be more useful to answer using clear, concise bullet points (still writing in full sentences)
Physics	EXAM BOARD: AQA PHYSICS Physics Paper 1: 1 hour 45 mins (100 marks)	Physics topics: Energy; Electricity; Particle model of matter; and Atomic structure.	40%) AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.  (40%) AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures.  (20%) AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.	Multiple choice, structured, closed short answer, and open response.  Physics: Maths/numeracy content: 30%		Black pen, pencil, ruler, rubber, pencil sharpener (BRING SPARES PEN) scientific calculator Protractor for Physics examinations	

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French	Paper I - Listening (H - 45mins/F - 35 m) Paper 3 - Reading (H - Ihr/F - 45mins) Paper 4 - Writing (H - Ihr I5mins/ F - Ihr)	Paper I, Paper 3 and Paper 4 could cover any topic from the 3 themes we have covered. A breakdown can be found below: Theme I - me, my family and friends; free time and hobbies; technology; festivals and culture. Theme 2 - house and town; the environment; social issues; healthy lifestyles; holidays. Theme 3 - school; life at school; education post 16; jobs and careers; future plans.	Paper I Listening (25% of total marks) - AOI 50 marks (H)/ 40 marks (F) Paper 3 Reading (25% of total marks) - A03 60 marks (H)/ 60 marks (F) Paper 4 Writing (25% of total marks) - A04 60 marks (H)/ 50 marks (F)	Paper I Listening (H/F): Section A - questions in English, Section B - questions range from multiple choice, true/false/not mentioned to writing full sentences in English and French. SPAG marking is not a factor in the listening as long as the content is understandable by a native speaker.  Paper 3 (H/F): Section A - questions in English, Section B - questions in English, Section C - Translation into English.  Questions range from multiple choice, true/false/not mentioned to writing full sentences in English and French. SPAG marking is not a factor in the listening as long as the content is understandable by a native speaker.  Paper 4 (F): Q1. Describe a photo in 4 sentences, Q2. 40 word answer, Q3. Translation of 5 sentences into French, Q4.1./Q4.2. 90 word extended answer.  Paper 4 (H): Q1.1/Q1.2 90 word extended answer, Q3. Translation of a short paragraph from English into French.	Papers I & 3  Quizlet revision (little and often) of the different topics within each theme. Complete the mini checks at the end (L&R) to check your subject knowledge of that topic. Regularly revisit each topic.  Past papers and exam questions provided by the teacher to check your skill application and subject knowledge in the listening and reading.  Languages Gym and BBC Bitesize also provide exam style questions to practice.  Paper 4  Revision of verbs in 3 time frames and formula sheet to create extended sentences.  Revision of knowledge organisers for each topic.  Past papers and exam questions provided by the teacher to check your skill application and subject knowledge in the writing.	Black pens x 2 Different coloured highlighters (Paper 3) to identify the key information from each question.	Paper I  Use the 5 minutes carefully prior to the test to read the questions and predict language. Start at the back with the target language questions first.  CPINT – Context, Person, Inference, Negatives, Tense.  Paper 3  Start at the back with the translation first and then return to the front of the paper Remember I minute per mark for timing. If you have extra time, use the time fully.  § CPINT – Context, Person, Inference, Negatives, Tense.  Paper 4  Write what you know how to say not what you want to say. The accuracy of your verbs are key. Use the formula to extend answers and add complexity.
Business Food Prep	Paper I - Investigating Small Business 90 Mins - 80 marks  Paper 2 - Building a Business 90 mins - 80 marks  I paper - 100 marks. 2 Hours. 3 sections to the paper.	Paper I Topic I.1 Enterprise and entrepreneurship Topic I.2 Spotting a business opportunity Topic I.3 Putting a business idea into practice Topic I.4 Making the business effective Topic I.5 Understanding external influences on business  Paper 2 Topic 2.1 Growing the business Topic 2.2 Making marketing decisions Profit calculations  See revision checklist provided.  I. Cooking Methods. 2. Food Choices. 3. Healthy Choices according to age/nutritional value.  4. Functions of Macro & Micro Nutrients 5. Scientific Food Terms 6. Experiment/Investigation terminology 7. Food Labelling 8. Methods of making Pasta, bread and cakes. 9. Food Waste 10. Fortified Foods 11. Medical Conditions that affect diet.	Demonstrating knowledge of business concepts and issues (AOI)  Application of knowledge to a range of contexts (AO2)  Analyse and evaluate information to make judgements and draw conclusions (AO3)	The paper will consist of calculations, multiple–choice, short–answer and extended–writing questions. Questions in Sections B and C will be based on business contexts given in the paper.	Focus on learning key terms and vocabulary by using a range of methods and resources, including Edexcel revision guides (available from your teacher), BBC Bitesize and Seneca Learning.  Complete exam style questions and get feedback from your teacher to practise your answer technique.  Make sure you understand all command words and what they require you to do in an answer.  Complete the revision booklet issued by your teacher Use your revision guide to revise the topics highlighter on your exam revision guide issued by your teacher Use GCSE bitesize to test yourself Use Seneca to revise in a comprehension	Calculators will be needed in the examination.	We have not completed our study of Theme 2 yet, so Paper 2 will be designed to test the topics covered so far.

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IT	R012- 50% exam (80 marks)	LO1: Project life cycle, LO3: Understand how data can be collected stored and used, LO4: risks of using IT, LO6: Understand the different methods of processing data and presenting information	LO1: Understand the tools and techniques that can be used to initiate and plan solutions.  LO2: To be able to initiate and plan a solution to meet an identified need.  Execute LO3: Understand how data and information can be collected, stored and used.  LO5: To be able to import and manipulate data to develop a solution to meet an identified need.  LO4: Understand the factors to be considered when collecting and processing data and storing data/information.  LO6: Understand the different methods of processing data and presenting information.  LO7: To be able to select and present information in the development of the solution to meet an identified need.  LO8: To be able to iteratively review and evaluate the development of the solution.	Define [I mark], Identify and describe [2 marks], what is meant by [I marks], describe [3 marks], Explain [2 marks], Discuss [8 marks], Justification [4/5 marks], Evaluate [6 marks]	PLC, Revision guide bought by students, MAPs, homework, class work.	At least two black pens (in case one runs out).	
Geography	Paper I - The Physical Environment Paper 2 - The Human Environment Paper 3 - Fieldwork and UK Challenges	Paper I - Landscape of the UK, River Landscapes, Coastal Landscapes, Ecosystems, Weather and Climate Change. Paper 2 - Global Development, Resource Management, Changing Cities. Paper 3 - River Fieldwork, Urban Fieldwork, UK Challenges	AOI - Knowledge I5% of total marks. AO2 - Understanding 25% of total marks. AO3 - Application of understanding 35% of total marks. AO4 - Skills 25% of total marks	Multiple Choice / I and 2 mark describe / 2 and 4 mark explain / 8 mark examine about rivers and coasts / 8 mark assess and evaluate on all other topics / I2 mark discuss on UK challenges / Maths based questions / OS Map questions	Use the Personal Learning Checklist provided by class teachers to check what you know. Use the revision strategy guidance provided by your class teacher. Use the revision guides to check your knowledge. Use the A3 revision sheets on SMH if you don't have a revision guide. Use exam questions provided by the teacher and bring them back in to mark	Black pens x 2	Don't forget that maths skills worth a large proportion of marks. Can you do mean, median, mode, range and percentage increase? Can you read an OS map - grid references and distances.
Art	Paper: 10 hours to realize your final outcome 96 Marks. 40% of GCSE Preparatory Period (from 2nd January): All lessons in art from January-April are devoted to developing ideas for your final outcome.	AQA will provide 7 different, externally set starting points. Students must select and respond to one starting point. The externally set assignment provides students with the opportunity to demonstrate, through an extended creative response, their ability to draw together different areas of knowledge, skills and/or understanding in response to their selected starting point.	You must ensure that your submission for Component 2 evidences coverage of all four assessment objectives and: evidence of drawing activity and written annotation. You must identify and acknowledge sources which are not your own.  Assessment Objective 1: Developing Ideas  Assessment Objective 2: Refining work by exploring your ideas  Assessment Objective 3: Recording your ideas as your work progresses  Assessment Objective 4: Presenting a response which realises your intentions	Example questions are available from your class teacher.	Following receipt of the externally set assignment paper, you should select one starting point from which to develop your own work. • You may discuss your starting points with your teacher. • Preparatory work may be presented in any suitable two- or three-dimensional format such as mounted sheets, sketchbooks, journals, design proposals, models and maquettes, digital or non-digital presentations. • You must stop work on your preparatory studies as soon as the first period of supervised time starts. • There is no restriction on the scale of work, media or material used	All standard equipment is provided by the art department. If you wish to use specialist items you must provide these yourself. Examples include: A mannequin for dresses, specialist papers, stencils, collage materials, spray paint, objects to collage or manipulate.	You will receive a full Exam briefing during lessons time in the first week back after your Christmas Holiday. Art homework will be replaced by exam preparation.
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D&T	I paper - 100 marks. 2 Hours. 3 sections to the paper.  Core technical principles  Specialist technical principles  Designing and making principles  In addition : at least 15% of the exam will assess maths  : at least 10% of the exam will assess science.	Section A Core technical Principles Section B Soldering Process Lamination Process Wasting Processes Quality Control and Quality Assurance Timber Conversion Process Social Responsibility – design and manufacture of products Finishes of Timber – Aesthetical and Functional Section C Product Analysis Ergonomics and Anthropometrics and their application Tolerance Design Methodology: Collaborative, User Centred, Systems Approach, Iterative, Design Fixation Workshop Health and Safety Modelling & Drawing – 3D and 2D ORTHORGRAPHIC DRAWING including ISOMETRIC	AOI. Sever identify a several size.	Questions Section A – Core technical principles (20 marks) A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.  Section B – Specialist technical principles (30 marks) Several short answer questions (2–5 marks) and one extended response to assess a more in depth knowledge of technical principles.  Section C – Designing and making principles (50 marks) A mixture of short answer and extended response questions.	comprehension	A range of different coloured highlighters to pick out important information in the questions.	
PE	Paper I- Applied anatomy and physiology Physical training (60min/60mark)  Paper 2 - Socio- cultural issues and sports psychology (60min/60mark)	Paper I- Location of major bones, Functions of the skeleton ,Types of synovial joint , Types of movement at hinge joints and ball and socket joints, ligaments, tendons, cartilage, Location of major muscle groups, The roles of muscle in movement, Lever systems ,Planes of movement and axes of rotation, Structure and function of the cardiovascular system ,Structure and function of the respiratory system, Aerobic and anaerobic exercise, Short-term effects of exercise, Long-term (training) effects of exercise, Components of fitness, principles and methods of training, Prevention of injury  Paper 2- Physical activity and sport in the UK, Participation in physical activity and sport, Commercialisation of sport, Ethics in sport, Drugs in sport, Violence in sport.  Characteristics of skilful movement, Classification of skills, Goal setting, Mental preparation, Types of guidance, Types of feedback, Health, fitness and well-being, Diet and nutrition	AO1- State, identify, suggest, give. AO2- Describe, explain. AO3- Explain, analyse, discuss, justify, compare.	Multiple choice, 1 x essay questions (6marks), 1-5 mark questions using all AO1-AO3 skills.	Application of knowledge is key. Practise recall skills, past papers, read/cover/write, mind-maps. Applying the knowledge to questions is the best strategy.		The number of marks are available for the question is how many different points you need to give.  Practical examples mean you must give a practical example linked to the questions.  Essay question- aim to do 4 paragraphs. Make a statement, explain it, link to question x 4. At least 1 paragraph must be on the second part of the questions to score at least 4/6.
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History		Paper I = America & Conflict and Tension Paper 2 = Health and Elizabeth	35% = knowledge = facts, dates, names, events  35% = history skill = cause, consequence, significance, change, continuity, similarities and difference  15% = Using evidence, utility of a source  15% = Inference skills = Why do people have different opinions  Split equally across the 2 papers.	Paper I America 1. How do the interpretation differ 2. Why do the interpretations differ 3. Which is the most convincing 4. Describe 2 way 5. In what ways were 6. Balance and essay answer using 2 given points  Conflict and Tension 1. The sourcehow do you know? 2. How useful are the sources? 3. Write an account 4. How far do you agree? Paper 2 Health of the people 1. How useful is the source 2. Explain how significant 3. How similar are they? 4. Was this the main factor in the development of the health of the people?  Elizabeth 1. How convincing is the course? 2. Explain why 3. Write an account 4. Essay on the Site Study	Practise exam questions, find the knowledge you need and apply it to the structure and technique that you have been given to learn	2 x black pens 2 x highlighters A well-rested hand to write lots	Look at your teacher's door to see when they are available for revision. Ask if you need help.
Science	COLADITED CYCTELAC	1.1. Systems architecture 1.2. Memory 1.3. Storage 1.4. Wired and wireless networks 1.5. Network topologies, protocols/layers 1.6. System security 1.7. System software 1.8. Ethical, legal, cultural and environmental concerns 2.1 Algorithms 2.2 Programming Techniques 2.3 Producing robust programs 2.4 Computational logic 2.5 Translators and facilities of languages 2.6 Data representation	A01 - Demonstrate knowledge and understanding of the key concepts and principles of Computer Science.  A02 - Apply knowledge and understanding of key concepts and principles of Computer Science.  A03 - Analyse problems in computational terms: • to make reasoned judgements • to design, program, evaluate and refine solutions.	COMP01 - Ranging in marks from 1- 8. The one 8 mark question will require you to discuss all bullet points and consider both benefits and disadvantages.  COMP02 - Ranging in marks from 1- 7/8. Higher marked questions will be algorithm questions where you will be required to produce pseudo code.	Use the topic list to identify what you do not know. CRAIGNDAVE videos.  Seneca Learning. Past papers. Revision book (CGP)	Black pen/pencil. NO CALCULATOR. A highlighter may be useful.	Use the topic list to prepare. Always attempt the algorithm questions. Do the basics right and you will get at least half marks.