Year 11

Preparation for March Mock exams

Contents

Revision help on the school website

Revision Guidance - Carrington School

Click above for information on different revision methods, creating a revision time table and more subject specific resources

General Subject support

KS4 - England - BBC Bitesize	An excellent resource for most subjects. Make sure you select the correct Exam board (check here)
Seneca learning	Provides resources and quizzes and has free parent and student logins
Save my Exams	Concise revision notes and tips for a range of subjects and past papers

English Literature

Assessment	Revision help
Choose **one** of the following to complete an exam question on: • 'Romeo & Juliet' or... • 'Dr Jekyll & Mr Hyde' or... • 'An Inspector Calls' or... • Cluster Poetry or... • Unseen Poetry Your English teacher will advise you which one to do based on previous assessments (we want you to practise your weakest area). We're going to do this assessment in class on Monday 23rd February so not in the main mock week.	Work through these steps: ➢ **Do you know the text?** If no, read a plot summary and make a timeline of key events. Annotate key sections or poems. ➢ **Do you know the key characters and themes?** If no, create a revision page / poster / cue card on them. Use the subheadings WHAT? WHERE? HOW? WHY? ➢ **Do you know key quotations from this text?** If no, pick 10 key quotations and annotate them using WHAT? WHERE? HOW? WHY? Learn them off by heart and get someone to quiz you. ➢ **Do you know how to answer an exam question on this text?** If no, find an exam style question (you can Google this or go the AQA website). Answer the question using the steps we have practised in class. Take your essay to your English teacher for feedback. Useful websites: GCSE English Literature - AQA - BBC Bitesize SparkNotes: Today's Most Popular Study Guides AQA GCSE (9-1) English Revision - PMT Mr Bruff on Youtube GCSE English 8702 | Assessment Resources | AQA

English Language

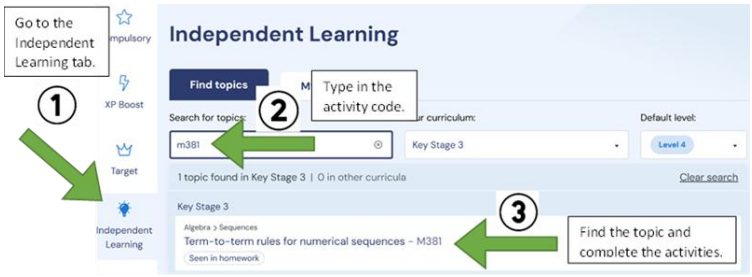
Assessment	Revision help
English Language Paper 2: Writer's Viewpoints & Perspectives Section A: Reading Section B: Writing	To revise for this paper you can: ➢ Complete a past paper. Use your exercise book to remind you how to successfully answer each question. Ask your English teacher to give you feedback on this or use a mark scheme to grade yourself. ➢ Revise what you have to do for each exam question e.g. how many marks / minutes are there for each question and what exactly is the examiner looking for? Make an overview if you are not sure. ➢ Revise key things you need to know e.g. language techniques, punctuation and grammar. Make a revision page / poster or cue card. ➢ Read lots of non-fiction texts (articles, letters, speeches, podcasts). What is their point of view? How are they expressing their ideas? Watch the news – what topics keep coming up and what is your viewpoint? Watch documentaries and learn more about the world around you. Useful websites: Look at the English Language playlists for Mr Bruff on Youtube as he has advice on how to answer each question. GCSE English Language - AQA - BBC Bitesize (remember this is the non-fiction paper) GCSE English 8700 | Assessment Resources | AQA Home - BBC News Opinion | The Guardian

Maths

Assessment	Revision help
Paper 1: 1hour 30 minutes (non-calculator) Paper 2: 1hour 30 minutes (calculator) Paper 3: 1hour 30 minutes (calculator) Use Maths Watch to watch quick videos with examples and explanations MathsWatch Username – this is your school email address Password - carringtonschool	Yr 11 Revision list Foundation Yr 11 Revision list Higher Use Maths Genie for questions and answers - Maths Genie • Learn GCSE Maths for Free

Sparx Maths

If you want to improve upon the areas you find challenging, then use the Sparx codes from our Big Picture sheets to do some independent practice.



Science

	Assessment	Revision help
Core Science	**Biology** – Paper 4 **Chemistry** – Paper 5 **Physics** – Paper 6	***Quizlets from ex student*** ***Biology Paper 2 Folder | Quizlet*** ***Chemistry Paper 2 Folder | Quizlet*** ***You can also make your own Quizlets*** ***GCSE Combined Science - Edexcel - BBC Bitesize*** ***www.tassomai.com*** ***Past papers Edexcel GCSE Sciences (2016) | Pearson qualifications check that the paper is the combined science and not triple.*** ***Revision Lists*** ***Biology Focus (paper 4)*** *CB1 Key concepts of Biology* • *Cells* • *Microscopes* • *Enzymes* • *Transport of substance (diffusion active transport)* *CB6 Plants* • *Photosynthesis* • *Movement of substances in plants* • *Structure of plants* *CB7 Animal coordination and control* • *Hormones* • *Diabetes* • *Menstrual cycle* *CB8 Exchange and transport in animals* • *Heart and circulation*

		• *Blood* • *Respiration (aerobic and anaerobic + core practical)* *CB9 Ecosystems* • *Biodiversity* • *Core practical sample* • *Cycles (carbon, water and nitrogen)* ***Chemistry Focus (paper 5)*** *CC3 Structure of the atom* *CC4 Periodic table* *CC5/6 /7 Bonding* • *Covalent bond /simple molecular substances* • *Ionic substances* • *Ionic Equations (higher only)* • *Metallic substances* *CC 9 Calculation* • *Empirical formula* • *% by mass* • *Formula Mass* • *Concentration* • *Mole calculations (avagado) - higher only* *CC13 Groups* • *Group 1* • *Group 7* • *Noble gases* *CC14 rate of reaction* • *Collision theory* • *Core practical – effect of temp and effect of surface area* • *Catalyst* *CC14 Heat energy changes* • *Reaction energy profiles* • *Exothermic and endothermic* • *Energy change calculation – higher only* *CC16* • *Hydrocarbons* • *Crude oil fraction usages* • *Fractional distillation* *CC17* • *Change in Atmosphere* • *Atmosphere today*

		• *Green effect / global warming* ***Physics Focus (paper 6)*** *CP7 Energy* • *GPE and KE calculation* • *Work and poer* *CP8 Force and their effects* • *Vector diagrams (higher)* *C9 Electricity* • *Series and Parallel circuits* • *Current and potential difference* • *Calculating Resistance* • *Calculating electrical power* • *Electrical safety* • *AC/DC - main electricity* *CP 10 Magnets and electromagnetics* • *Magnetic material* • *Magnetic fields* • *Electromagnetics* • *Magnetic Flux density Calc (higher only)* *CP 11 Transformers* • *National grid* *C12 Using the particle model* • *Density core practical* • *Specific heat capacity practical and calcs* • *Specific latent heat practical and calcs* *C13* *Hookes law (spring) core practical*
Triple Biology	**Biology** – Paper 2	***Quizlets from ex student*** ***Biology Paper 2 Folder | Quizlet (only core science not additional triple)*** ***You can also make your own Quizlets*** ***GCSE Biology (Single Science) - Edexcel - BBC Bitesize*** ***www.tassomai.com*** ***Past papers Edexcel GCSE Sciences (2016) | Pearson qualifications make sure you are using a triple "biology" and not combined science*** *SB1 Key concepts of Biology*

		• *Cells* • *Microscopes* • *Enzymes (core practical)* • *Transport of substance (diffusion active transport)* • *Food test (core practical)* *SB6 Plants* • *Photosynthesis* • *Movement of substances in plants* • *Structure of plants* *SB7 Animal coordination and control* • *Hormones* • *Diabetes* • *Menstrual cycle* • *Osmoregulation (Kidneys)* • *thermoregulation* *SB8 Exchange and transport in animals* • *Heart and circulation* • *Blood* • *Respiration (aerobic and anaerobic + core practical)* *CB9 Ecosystems* • *Biomass and Biodiversity* • *Core practical sample* • *Cycles (carbon, water and nitrogen)*
Triple Chemistry	**Chemistry** – Paper 2	***Quizlets from ex student*** ***Chemistry Paper 2 Folder | Quizlet (is only the core chemistry not additional triple content*** ***You can also make your own Quizlets*** ***GCSE Chemistry (Single Science) - Edexcel - BBC Bitesize*** ***www.tassomai.com*** ***Past papers Edexcel GCSE Sciences (2016) | Pearson qualifications Double check you are using the Chemistry paper and not the combined science paper*** *SC3 Structure of the atom* *SC4 Periodic table* *SC5/6 /7 Bonding*

		• *Covalent bond /simple molecular substances* • *Ionic substances* • *Ionic Equations (higher only)* • *Metallic substances* *SC 9 Calculation* • *Empirical formula* • *ale* • *% by mass* • *Formula Mass* • *Concentration* • *Mole calculations (Avogadro constant) - higher only* *SC17 Groop* • *Group 1* • *Group 7* • *Noble gases* *CC18 Rate of reaction* • *Collision theory* • *Core practical – effect of temp and effect of surface area* • *Catalyst* *CC19 Heat energy changes* • *Reaction energy profiles* • *Exothermic and endothermic* • *Energy change calculation – higher only* *CC20* • *Hydrocarbons* • *Crude oil fraction usages* • *Fractional distillation* *SC21 Change in Atmosphere* • *Atmosphere today* • *Green effect / global warming* SC22 Hydrocarbons • Functional groups • Alkanes and Alkenes • Alcohol SC24 polymers SC25 Flame test SC26 Nanoparticles

Triple Physics	**Physics** – paper 2	*Quizlet: Study tools & learning resources for students and teachers | Quizlet* *GCSE Physics (Single Science) - Edexcel - BBC Bitesize* ***Past papers** **Edexcel GCSE Sciences (2016) | Pearson qualifications** **Double check you are using the physics and not the combined science – physics paper*** *SP8 Energy* • *GPE and KE calculation* • *Work and power* *SP9 Force and their effects* • *Vector diagrams (higher)* • *Rotational forces* *SP10 Electricity* • *Series and Parallel circuit* • *Current and potential difference* • *Calculating Resistance* • *Calculating electrical power* • *Electrical safety* • *AC/DC - main electricity* *SP11 Static Electricity* *SP12* • *Magnetic material* • *Magnetic fields* • *Electromagnetics* • *Magnetic Flux density Calc (higher only)* • *Transformer* • *Motor effect* *SP 13* • *National grid* *C14* • *Density core practical* • *Specific heat capacity practical and calcs* • *Specific latent heat practical and calcs* *C15* • *Density core practical* • *Gas temperature and Pressure* • *Pressure (fluids)* • *Hooke's law (spring) core practical*

MFL

Assessment	Revision help
Spanish Writing, listening and reading skills	Use the booklet provided to revise the 90 words writing Use your own notes in your book to go through the topics covered Complete vocabulary builders on Kerboodle - Sign In GCSE Spanish: Writing Paper Walkthrough (AQA Higher) GCSE Spanish Writing (Foundation): Complete Walkthrough Identity, lifestyle and free time - GCSE Spanish - BBC Bitesize Describing daily routines and future plans - GCSE Spanish - BBC Bitesize
French Baseline assessment completed on 'Reading' Foundation Writing skill, **Section A:** translation, Both Foundation and Higher (Foundation French to English, Higher English to French at (10 marks) **Section B**: 40 words foundation writing to 5 bullet points, **Section C**: 90 words including 4 bullet points Higher/Foundation (16 marks)	1. Vocab booklet festivals, celebrations and celebrities and francophone culture, healthy living, family and relationships 2. Grammar booklet 3. 90 words essay overlaps with foundation and higher. https://www.youtube.com/watch?app=desktop&v=tWUqR181Pmk 4. Grammar sheets and checklist for 90 words task and 150 words task 5. Sentence builders for 90 words 6. Star sentences for 150 words.

History

Assessment	Revision help
Students will sit a full **GCSE Paper 1 – Medicine through time, including WW1.** Questions will include a mix of short answer, source response and essay questions. The exam will be 90 minutes in length.	Students can access all the lesson materials via: Carrington History - Home Students will need their MS login to do so. Students may also wish to access the following websites and video links: Medicine in Britain, c.1250 to the present day - GCSE History - BBC Bitesize Medicine in Britain c.1250: Present | Edexcel GCSE History Rapid Revision: Medicine Through Time c.1250-Present - YouTube Medicine Through Time - YouTube Students have hardcopy revision materials to support them.

Geography

Assessment	Revision help
Students will take a modified GCSE paper on the following Paper 1 and Paper 2 topics: • UK Urban landscapes – including London • Urbanising world • Human Fieldwork	Students can access all the lesson materials via: Carrington Geography - Home Students will need their MS login to do so. Students may also wish to access the following websites and video links: GCSE Geography - Edexcel - BBC Bitesize Save my exams - Edexcel GCSE Geography B 2016 Revision Edexcel GCSE Unit 2: UKs Evolving Human landscape - YouTube Edexcel GCSE Unit 1: Challenges of an Urbanising World - YouTube Fieldwork | Edexcel GCSE Geography B GCSE: Answering Exam Questions - YouTube

Psychology

Assessment	Revision help
1 hour 30 mins Paper 2 covering the following topics: - Social Influence - Memory - Sleep and Dreaming - Research Methods Websites: Paper 2 | WALKING TALKING MOCK | OCR GCSE Psychology PASSMORES PSYCHOLOGY LEARNING HUB OCR GCSE Psychology Past Papers	Ensure you've revised all your theories and studies and consider which debate is relevant Remember to also consider criticisms for all theories, studies and research methods Research methods – Ensure you know about types of method and experimental design. Make Keyword glossaries or flash cards GCSE - Psychology (9-1) - J203!

Media

Assessment	Revision help
Refer to the Teams folder Practice Exam Questions - Media 2026.docx	You need to revise these set texts for component 1 exam: **SECTION A – Set Texts:** • Quality Street • This Girl Can • Vogue • GQ • The Man with the Golden Gun • No Time To Die • The Sun (Jabs Army) • The Guardian (Partygate) **SECTION B – Set Texts:** • Film Industry (Bond) • Newspapers Industry (The Sun) • Radio (Archers) • Video Gaming (Fortnite)

PE

Assessment	Revision help
COMPONENT 3: Developing Fitness to Improve Other Participants' Performance in Sport and Physical Activity External Mock Exam	Click links for Mock Paper; Mock paper; Mock paper Use of CGP revision workbook and guide – link here (also on school shop) Revision on fitness components, fitness tests and protocols of these and how they can be implemented in sport.

Economics

Assessment	Revision help
Paper 1 Mock Exam	Revision guides (Section 1 and 2) https://studyrocket.co.uk/revision/gcse-economics-ocr Mr Goff - You Tube https://www.savemyexams.com/gcse/economics/ocr/past-papers/ (Past Papers – Use Paper 1)

Computing and Computer Science

Assessment	Revision help
Edexcel Computer Science Paper 1 & Paper 2 **Paper 1** Computational thinking • understanding of what algorithms are, what they are used for and how they work • ability to follow, amend and write algorithms; ability to construct truth tables. Data • understanding of binary, data representation, data storage and compression.	**Seneca Revision** Computational Thinking Revision Data, Binary and Compression Revision Computers Revision Networks Revision Issues and Impact Revision **BBC Bitesize** Edexcel Computer Science For both Paper 1 and Paper 2.

Computers • understanding of hardware and software components of computer systems and characteristics of programming languages. Networks • understanding of computer networks and network security. Issues and impact • awareness of emerging trends in computing technologies, and the impact of computing on individuals, society and the environment, including ethical, legal and ownership issues. **Paper 2** Problem solving with programming. • understanding what algorithms are, what they are used for and how they work in relation to creating programs. • understanding how to decompose and analyse problems. • ability to read, write, refine and evaluate programs.	Tutorials | Get started with Mission Encodeable

Product Design

Revision Topics:
Visual communication techniques - 1 and 2 point perspective, isometric, orthographic and oblique.

Engineering

Revision Topics
Materials • **Types**: metals types eg brass and classification e.g Ferrous Non-ferrous, alloy non alloy, polymers types eg, PET and classification eg thermoset thermoplastic (plastics), composites types. • **Examples**: o Metals → aluminium (light), steel (strong). o Polymers → acrylic (clear), PVC (cheap). o Ceramics → glass, brick. o Composites → carbon fibre.

- **Basic property link**: e.g. "Aluminium is light → used in aircraft."

Tools & Processes

- **Hand tools**: hacksaw, file, screwdriver, spanner.
- **Marking out tools:** callipers, spring divider, scriber centre punch and other marking out tools
- **Machines**: pillar drill, lathe, milling machine, 3D printer, laser cutter.
- **Simple safety rules**: goggles, tie hair back, clamp work.

Drawings & Communication

- Know the difference:
  - **2D orthographic** (flat views).
  - **3D isometric** (angled drawing).
- Be able to read **basic symbols**: diameter (Ø), mm, and tolerances.
- **Working drawings** show: dimensions, materials, and scale.

Manufacturing Processes

- Shaping: casting, moulding, machining.
- Joining: welding, soldering, adhesives, rivets.
- Finishing: painting, polishing, galvanising.
- Be able to match process → material (e.g. injection moulding → plastics)

Health & Safety

- Common PPE: goggles, gloves, ear defenders.
- Signs: red = prohibition, yellow = warning, green = safe condition.
- Safe workshop behaviour (report hazards, no running, use guards)

Calculations

- Area (rectangle, triangle, trapezium, circle, parallelogram).
- Perimeter.
- Volume of a cube/cuboid.
- Ohm's Law: $V = I \times R$ (know what V, I, R mean)

Sustainability

- Recycling, reusing, reducing waste.
- Why engineers should design with the environment in mind.