

Revision List for Year 11 Mock Assessments 02.11.2026-13.11.2026

This is a list of topics included in the assessments. Knowledge Organisers have been provided for every subject to aid revision. Any further information/ support can be requested from subject teachers.

English Literature	Paper 1 Literature Macbeth • Key characters • Key themes and big ideas • Extract analysis of key scenes Poetry • Revise the 15 poems from the anthology including context, key imagery, the significance of the first and last line and key comparisons
English Language	Paper 2 Language: Non-fiction Section A https://www.moorsidehigh.co.uk/page/?title=KS4+Resources&pid=71 Walking, Talking Mock videos and resources are available under the 'English' tab Section B • Letter • Talk • Article • Review • Report

Maths	All students will be assigned the relevant topics on www.sparxmaths.com based on their tier of entry. Revision lists can also be found at the following links: Students have been a paper copy of these by class teachers. • Higher – Edexcel - https://corbettmaths.com/wp-content/uploads/2021/12/Edexcel-Higher-Checklist.pdf • Foundation – OCR - https://corbettmaths.com/wp-content/uploads/2021/12/OCR-Foundation-Checklist-1.pdf
Science	Science revision resources Use the GCSE Science revision resources on the Moorside High School website to revise the topics covered in class. The page includes revision checklists for Combined Science and separate Biology, Chemistry and Physics, at Higher and Foundation levels. GCSE Science revision resources: https://www.moorsidehigh.co.uk/page/?title=GCSE+Student+Revision+Resources&pid=131 Carousel Learning Complete the Science revision pack(s) assigned to you on Carousel Learning. Use your class/teacher instructions to make sure you complete the correct pack(s) for your course and tier. Revision tip: work through the checklist, identify anything you are unsure about, revise it using the resources, and then test yourself without looking at your notes.

Geography

Paper 1

Topics previously studied

- Climate change - The greenhouse effect
- Strategies to mitigate climate change
- Living world – adaptations of plants and animals
- Living world – global biomes and their features
- Living world - the value of the tropical rainforests to people and the environment
- Living world - Characteristics of soils in the rainforests
- Coasts – Processes of erosion
- Coasts – Depositional features (beaches, sand dunes, spits and bars)
- Coasts – Hard and soft engineering strategies
- Rivers – Transportation processes.
- Rivers – Reading hydrographs
- Rivers – Formation of features from erosion in rivers (waterfalls, v shaped valleys, interlocking spurs)
- Rivers – Hard and soft engineering strategies

Other topics we have not yet studied:

- Types of natural hazard
- Impacts of extreme weather in the UK
- Reducing the effect of tropical storms.
- Effects of and responses to tectonic hazards in areas of contrasting wealth
- Causes of desertification

Paper 2

- Urban issues and challenges - Urbanisation, megacities, natural increase and migration
- Urban issues and challenges -UK city case study – importance, character, impact of migration
- Urban issues and challenges- challenges in UK cities, urban sprawl and the impacts of this
- Urban issues and challenges – Opportunities in LIC cities
- Changing economic world - Development indicators
- Changing economic world – Causes of uneven development
- Changing economic world – Decline in Rural landscapes in the UK

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| | <ul style="list-style-type: none">• Changing economic world - How development affects quality of life.• Resource management – farming in the UK including organic farming• Resource management – management of water quality• Energy – Factors affecting energy supply• Energy – Energy conservation |
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Topics not yet studied

- Impact of TNCs on a LIC country

Skills based questions will appear on both papers.

- Skills - Measuring distance on maps
- Skills - calculate a mean, range and median
- Skills – complete graphs and maps
- Skills – calculating percentages
- Skills – calculating differences

History	Paper 1: Crime and Punishment + Historic Environment Study: Whitechapel • Features of housing in Whitechapel • Features of investigative policing to catch the Whitechapel murderer • Features of the Peabody Estate and efforts to improve housing • Failures of the police to catch the Whitechapel murderer • The use of prisons as punishment • Changes to crime from 1900-present inc. theft • The role of religion 1500-1700 • Crimes against authority 1500-1700 • Changes to smuggling from 1700-present Paper 3: Weimar and Nazi Germany • Challenges to the Weimar Republic • Reasons why the Weimar Republic was unpopular • Reasons why people supported the Nazi Party • The Reichstag Fire and creation of a dictatorship • Exam Skill: Inferences, interpretations and extended writing
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Computer Science

Paper 1

- System Architecture
 - Purpose of the CPU
 - Registers
- Data Representation -
 - Binary conversion, binary addition, hexadecimal, binary shifting
 - Sound files, Images files, and calculating file sizes
 - Storage devices and characteristics
 - Character sets
- Networks
 - Types of networks – LAN and WAN
 - Network Topologies – Star and Mesh, pros and cons
 - Types of connection – Wired vs Wireless
 - Network performance factors
 - The cloud
 - IP addresses
- System Software
 - Operating systems – MUMPS
 - Utility software
- Ethical issues – 8-mark essay question on ethical, cultural and legal issue, laws

Paper 2

- Programming fundamentals
 - Data types, reading code, completing code
 - Logical operators (AND, OR, NOT)
 - Mathematical operators (+ / * -)
 - Comparative operators (> < >= <=)
 - Programming constructs
 - File handling
 - Casting, Concatenation, Abstraction and Decomposition
 - Writing code
 - Trace tables

	• Algorithms ○ Flowcharts ○ Searching (linear, binary) and sorting (merge, bubble, insertion) algorithms • Boolean Logic ○ Logic gates, Logic statments and truth tables • IDEs ○ High level and low level languages ○ IDE tools • SQL ○ Writing SQL statments, Wildcard (*)
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Construction	<u>A1: PERFORMANCE REQUIREMENTS</u> Lateral and vertical restraint, Thermal Insulation, Fire resistance, Thermal blockwork, DPC (Damp Proof Course), DPM (Damp Proof Membrane) <u>A2: SUSTAINABILITY</u> Natural light in buildings, Solar Photovoltaic Panels (PV) <u>A3: COMMON STRUCTURAL FORMS</u> SIPs (Structurally Insulated Panels), Cavity walls, <u>B1: PRE-CONSTRUCTION WORK</u> Desk-based pre-construction, Site setup <u>B2: SUBSTRUCTURES</u> Foundation diagram, Strip foundation, Ground water control <u>C1: WALLS</u> Cavity Wall Construction, DPC (Damp Proof Course), DPM (Damp Proof Membrane) <u>C2: FLOORS</u> Timber floor, Solid ground floor <u>C3: ROOFS</u> Pitched roof diagram <u>D1: TYPES OF CONSTRUCTION WORK</u> Types of Construction Work (Industrial) <u>D2: THE BUILT ENVIRONMENT</u> River defences, Coastal defences (groynes)
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Hospitality & Catering	1. Food allergies & intolerances 2. HACCP 3. Risk assessments 4. Food storage & food safety 5. Environmental sustainability / 3 Rs 6. Personal hygiene 7. EHO responsibilities 8. Meeting customer needs 9. Vegetarian & vegan requirements 10. Hotel facilities/accommodation
Spanish	- Module 1: Diviértete (hobbies, internet use) - Module 2: Viajes (holidays, festivals) - Module 3: Mi gente, mi mundo (family, friends) - Module 4: Mi estilo de vida (health, exercise) - Module 5: A clase (school, future plans)

GCSE Physical Education	Paper 1: The Structure and Function of the Skeletal System Location and type of bones, Functions of the skeleton, Synovial joints and examples, Types of movement at synovial joints, Role of ligaments, tendons and cartilage The Structure and Function of the Muscular System Location of major muscles, Antagonistic muscle pairs, Agonists and antagonists Muscle actions in sporting examples The Cardiovascular System Structure and function of the cardiovascular system, Types of blood vessels, Pathway of blood through the heart, Heart rate, stroke volume and cardiac output, Role of red blood cells and haemoglobin The Respiratory System Structure and function of the respiratory system, Pathway of air through the respiratory system, Role of respiratory muscles, Breathing rate, tidal volume, Alveoli and gaseous exchange Aerobic and Anaerobic Exercise Definition and differences of aerobic and anaerobic exercise, Examples of aerobic and anaerobic activities The Effects of Exercise on Body Systems Short-term effects of exercise, Long-term effects of exercise and training, Application to sporting examples Movement Analysis Lever systems, Mechanical advantage and disadvantage, Planes of movement, Axes of movement, Application of planes and axes to sport Health, Fitness, Exercise and Performance Definitions and relationship of health, fitness, exercise and performance Components of Fitness Definitions of the components, Fitness tests, Fitness test procedures and protocols, Advantages and disadvantages of fitness tests, Application to sporting examples Principles of Training Principles of training, FITT principle, Application of the principles of training Training Methods Continuous training, Fartlek training, Interval training, Circuit training, Weight training. Plyometric training, Flexibility training, Advantages and disadvantages of training methods Long-Term Effects of Training Long-term effects of aerobic & anaerobic training, Long-term effects on the muscular-skeletal system, cardiovascular system and respiratory system
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	Optimising Training and Preventing Injury PARQ, Minimising the risk of injury, Potential hazards in physical activity, Protective equipment, clothing and footwear, Common sporting injuries, RICE, Performance-enhancing drugs Warm Ups and Cool Downs Purpose and importance of a warm up, Phases of a warm up, Benefits of a warm up, Purpose and importance of a cool down, Benefits of a cool down Use of Data Qualitative and quantitative data, Data collection, Data presentation, Data interpretation, Normative data, Analysis and evaluation of data
Classics	Paper 1 Myth and Religion • 1.1 The Gods • 1.2 The Universal Hero: Heracles • 1.3 Religion and the City: Temples and Religious Roles • 1.4 Foundation Heroes: Theseus, Romulus and Aeneas • 1.5 Festivals • 1.6 Myths and Symbols of Power • 1.7 Death and Burial 1.8 Journeying to the Underworld
Design & Technology	• How to work out percentages • How to work out ratio • Product Lifecycle / Fad products • Market Pull & Technology Push • Composite Materials • Smart Materials • Types of motion • Levers • Gears • Microcontrollers • Scales of Production

Graphic Design	• Components of Graphic Design (CA1) • Typography – fonts/styles/letterforms • Visual Language (CA1) • Graphic Design Principles (CA1) • Work of graphic Designers (CA2) • Employment Opportunities (CA2) • Types of Graphic Design Brief (CA3) • Target Market (CA3) • Copyright Considerations (CA3) • Planning (CA4) • Development (CA4) • Ongoing Review (CA4) • Digital Technical Skills: File types, colour modes, resolution (CA5) • Effective use of resources (CA5) • Self-promotion (CA6)	• Paper & Board • Properties of Brass & PVC • Natural & Synthetic fibres • Microfibres • Properties of Nylon • Timbers—stock forms, discriminators, Softwoods/hardwoods, Knock Down Fittings, manufactured board • Anthropometric • Working drawings
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