YEAR 10 REVISION
LIST 2024

GCSE English	**English Language Paper 1** • Explorations in creative reading and writing (Fictional text). • Writers' methods – language devices and their effects / Structural devices and their effects / Writing to describe and narrate. • Spelling, punctuation and grammar. **English Language Paper 2** • Writers' viewpoints and perspectives (Non-fiction Texts). • Writers' methods – language devices and their effects / Structural devices and their effects / Comparisons skills – summary of ideas in a text. • Identification and comparison of writer's viewpoints. Writing to argue and persuade. Spelling, punctuation and grammar. **English Literature Paper 2** • An Inspector Calls- plot, characters and themes, key quotations, and the use of 'what/how/why' paragraphs. • Power and Conflict Poetry- key themes, ideas and quotations, and the use of what/how/why paragraphs. • Unseen Poetry- the use of what/how/why paragraphs.

GCSE Maths	Year 10 Foundation Revision Topics – Papers 1-3	Year 10 Higher Revision Topics – Paper 1-3
	Number • Fractions • Fraction decimal percentage conversion • Square, cubes and roots • Multiplication and division • Ratio and proportion • Percentages • Compound interest • Conversion graphs • Money calculations • Laws of indices • Product of prime factors, HCF & LCM **Shape** • Convert units • Parts of circles • Volume • Angles and bearings • Perimeter • Construction and measuring • Draw a plan of a solid • Transformations	**Number** • Calculating with fractions • Calculating with decimals • Estimate calculations • Standard form • Recurring decimals • Error intervals and bounds • Ratio and proportion • Percentages and compound interest • HCF & LCM **Shape & Space** • Compound measures • Volume & surface area • Transformation • Speed distance time graphs • Sine and cosine rule • Angles in parallel lines • Circles, arcs and sectors

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ACHIEVING EXCELLENCE TOGETHER

Algebra
- Sequences
- Simplify algebraic expressions
- Solve a linear equation
- Solve inequalities
- Indices
- Equations of graphs

Handling Data & Probability
- Interpret and draw a bar chart
- Frequency polygons
- Interpret pie charts
- Travel graphs
- Frequency trees
- Scatter diagrams and correlation
- Averages
- Probability

Algebra
- Laws of indices
- Solve and represent an inequality
- Use a graph to solve equations
- Algebraic fractions
- Expand brackets
- Construct and solve an equation
- Solve simultaneous equations
- Find nth term of a quadratic sequence

Handling Data & Probability
- Probability
- Means
- Histograms
- Frequency polygons
- Scatter graphs
- Cumulative frequency graphs
- Box plots

GCSE Science	**Biology** • B4.1 Cell Biology • B4.2 Organisation • B4.3 Infection and Response • B4.4 Bioenergetics	**Chemistry** • C5.1 Atomic Structure • C5.2 Structures and Bonding • C5.3 Quantitative Chemistry • C5.4 Chemical Changes • C5.5 Energy Changes	**Physics** • P6.1 Energy • P6.2 Electricity • P6.3 Particle Model of Matter • P6.4 Radioactivity
GCSE French	<td colspan="3">• **Discussing holidays** (express holiday preferences, weather, describe a trip in the past, give opinions in the past, book accommodation, deal with problems and understand higher numbers) • **Technology and social media** (describe and give opinions on social media, advantages and disadvantages, say what apps you use and why, present tense) • **Jobs and earning money** (conditional, pour + inf, advantages and disadvantages of working from home, modal verbs, future tense). • **Your area** (places in town, directions, what you can/cannot do in town, past tense, living in the city vs living in the countryside, future tense) • **Global and Social Issues** (environment, homelessness, poverty, healthy lifestyle, alcohol, drugs, smoking, volunteering and charity work) • **Personal Relationships and Family** (family members, personality traits, relationships, marriage, future plans) • **School and Work** (school subjects, opinions on teachers, timetable, rules and uniform, daily routine, plans for future and education after school, jobs, workplaces) You may find it useful to use a CGP revision guide. We recommend the *GCSE AQA French for the Grade 9-1 Course* (green cover) and the *GCSE AQA French Exam Practice Workbook* (white cover). Both can be picked up online second hand relatively cheaply. Link: **https://www.bbc.co.uk/bitesize/examspecs/zr8bmfr**</td>		

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GCSE Spanish	**Discussing holidays** (express holiday preferences, weather, describe a trip in the past, give opinions in the past, book accommodation, deal with problems and understand higher numbers) **Technology and social media** (describe and give opinions on social media, advantages and disadvantages, say what apps you use and why, present tense) **Jobs and earning money** (conditional, para + inf, advantages and disadvantages of working from home, modal verbs, future tense). **Your area** (places in town, directions, what you can/cannot do in town, past tense, living in the city vs living in the countryside, future tense) **Global and Social Issues** (environment, homelessness, poverty, healthy lifestyle, alcohol, drugs, smoking, volunteering and charity work) **Personal Relationships and Family** (family members, personality traits, relationships, marriage, future plans) **School and Work** (school subjects, opinions on teachers, timetable, rules and uniform, daily routine, plans for future and education after school, jobs, workplaces) You may find it useful to use a CGP revision guide. We recommend the *GCSE AQA Spanish for the Grade 9-1 Course (*red cover*)* and the *GCSE AQA Spanish Exam Practice Workbook* (white cover). Both can be picked up online second hand relatively cheaply. Link: **https://www.bbc.co.uk/bitesize/examspecs/z4yyjhv**

| GCSE Geography | **Paper 1**
Living with the Physical Environment
• The Living World – Small Scale Ecosystems, Tropical Rainforests and Hot Deserts
• The Living World examples: Hedgerow Hamble Lane, Malaysia rainforest, The Sahara desert
• The Challenge of Natural Hazards – Tectonic Hazards, Weather Hazards and Climate Change
• The Challenge of Natural Hazards examples: Nepal and New Zealand earthquakes, Typhoon Haiyan, Beast from the East
• Rivers in the UK – processes, landforms and management
• Rivers in the UK examples: The River Tees, River Cherwell – Oxford
• Coasts in the UK – processes and erosion landforms
• Coast examples: Dorset coastline

Paper 2
Challenges in the human environment
• Urban Issues and Challenges in cities in LICs, NEEs and HICs
• Urban examples: Southampton (HIC) and Rio de Janeiro (NEE)

GCSE Pods Paper 1: https://members.gcsepod.com/pupils/assignments/assignment/1010082
GCSE Pods Paper 2: https://members.gcsepod.com/pupils/assignments/assignment/1010085
Internet Geography: https://www.internetgeography.net/aqa-gcse-geography/
BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc

Revision guide available on ScoPay. |

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GCSE History	• Crime and Punishment c1000 to present day and Whitechapel - https://www.bbc.co.uk/bitesize/examspecs/zw4bv4j • Early Elizabethan England 1558-1588 - https://www.bbc.co.uk/bitesize/topics/z29rbk7 • Weimar and Nazi Germany 1918-1939 - https://www.bbc.co.uk/bitesize/topics/zymqwxs **Staff produced revision guides are also on Class Charts**
GCSE Religious Studies	Students need to revise the following 4 topics: 1. Relationships and Family - Family Life, Sex & Relationships, Contraception, Marriage, Divorce and Gender Discrimination. 2. Religion and Life - Origins of the universe and life, stewardship, abortion, Euthanasia and Life after Death. 3. Crime and Punishment - Crime, Punishment, The Death Penalty, Good, Evil and Suffering. 4. Human Rights and Social Justice - Human Rights, Prejudice and Discrimination, Discrimination, Social Justice, Wealth Inequality.

GCSE Business Studies	**Building a business** 1.1.1 Dynamic nature of business 1.1.2 Risk and reward 1.1.3 Role of enterprise 1.2.1 Customer Needs 1.2.2 Market Research 1.2.3 Market Segmentation 1.2.4 Competitive Market 1.3.1 Business Aims 1.3.2a Revenue cost and profits 1.3.2b Breakeven 1.3.3 Cashflow forecasting 1.3.4 Sources of Finance 1.4.1.Ownership 1.4.2 Location 1.4.3 Marketing Mix 1.4.4 Business Plans 1.5.1 Stakeholders 1.5.2 Technology 1.5.3 Legislation 1.5.4 Economic Influences 1.5.5 Business response to external influences

GCSE Design & Technology	• Planned obsolesce • Crowd funding • Metals and alloys • Composite materials • Electronic components • Material properties • Scales of production • Manufacturing processes – injection moulding / Lathe • Stock forms • Orthographic Projection • Designers and collaboration Revision links https://www.bbc.co.uk/bitesize/examspecs/zby2bdm https://studyrocket.co.uk/revision/gcse-design-and-technology-aqa
GCSE Food Preparation & Nutrition	• Macro and Micronutrients • Food security • Food science • Functional and chemical properties of ingredients • Food science • Gelatinisation, dextrinisation, fermentation, emulsification • Food science investigation and practical skills Revision links https://www.bbc.co.uk/teach/class-clips-video/articles/zvjh8xs https://studyrocket.co.uk/revision/gcse-food-preparation-and-nutrition-aqa

GCSE Drama	• *'Blood Brothers'* • Context and Character knowledge • Description and Explanation skills (extended writing) • Please use this help sheet: https://shorturl.at/jBx0G • https://www.bbc.co.uk/bitesize/guides/z4dp2sg/revision/3
GCSE Media Studies	Paper 2: • Music videos: Teenage Dirtbag and Skater Boi • BBC Radio 1 Live Lounge • MOJO magazine • The Observer Modern - online • Key Theories: Representation, Stereotypes, Conform and Subversion, Uses and Gratification, Genre, Themes and Issues
GCSE Music	• Revision Cards • Film: Little Shop of Horrors
GCSE Art & Design	During the 5 hour exam, students will be conducting teacher-led preparatory work in response to their new coursework theme – 'Layers'. The work produced will form part of their Year 11 coursework assessment. In preparation for the 5 hour exam, students must make sure any homework research tasks set between now and the exam are completed and brought with them on the exam day.
GCSE Photography	During the 5 hour exam, students will be conducting teacher-led preparatory work in response to their new coursework theme – 'Surroundings'. The work produced will form part of their Year 11 coursework assessment. In preparation for the 5 hour exam, students must make sure any homework research tasks set between now and the exam are completed and brought with them on the exam day.

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GCSE Physical Education	- Classification and functions of bones - Joints and movements - Antagonistic muscle pairs - Muscle fibre types - Function of blood - Respiration - Anaerobic and aerobic respiration - Health (Physical, Social and Emotional) - Consequences of a sedentary lifestyle - Nutrition - Skills continuum - Feedback and Guidance - Redistribution of blood flow
NCFE L1/2 V CERT Engineering	- Engineering disciplines - Health and safety – What to do if there is an accident - COSHH - PPE - Hazards in the workshop - Measuring tools - Maths – SI units - Maths – Ratio - Material properties - Metals - Polymers - Manufactured boards Revision links https://studyrocket.co.uk/revision/level-1-engineering-btec/introduction-to-engineering/engineering-sectors-and-industries

NCFE L1/2 VCERT Health and Fitness	- Classification and functions of bones
	- Joints and movements
	- Function of skeleton
	- Anaerobic and aerobic respiration
	- Function of muscular system
	- Short term effects of exercise
	- Long term effects of exercise
	- Fitness tests
	- Components of fitness
	- Principles of training
	- Warm up and cool downs
	- Lifestyle choices
	- Nutrition
	- Goal setting
NCFE L1/2 VCERT Interactive Media	**Section 1: Types of Interactive Media Products and Their Features**
	- Types of Interactive Media Products in Context: Education, Entertainment, Promotion
	- Features of Interactive Media Products: Media Assets, Interactive Features
	- Health and Safety: Risk assessments, Workstation safety, Electrical safety
	- Legal and Ethical Constraints: Intellectual property and protection, Employment legislation, Ethical constraints
	Section 2: Interactive Media and the Audience
	- Categorising Audiences: Demographics, Psychographics, Profiling
	- Audience's Uses of Interactive Media: Information, Entertainment, Communication, Personal profiles, Payments, Navigation, Purchases, Selling, Self-development
	Section 3: Software and Hardware Options for Interactive Media Products
	- Software Options: Authoring platforms, Image/audio/video manipulation software
	- Hardware and Associated Features: Scanners, Cameras, Audio interfaces, Computers, Graphics tablets, Controllers, Cables and connections
	- Storage Options and Folder Structures: External and Internal storage, Project folders and subfolders
	- File Types and Compression: Video (MP4, M4A, AVI), Audio (WAV, AIFF, MP3), Image (JPEG, TIFF, PNG, GIF)
	- Compression requirements and Exporting options
	-

Section 4: Product Proposals and Planning for Interactive Media Products
- Clients and Proposals: Types of clients, Client needs, Interpreting the client brief
- Research and Planning: Planning tools, Research, Asset selection and costings, Legal constraints
- Content and Function of a Proposal: Proposal content and function
- Presentation of a Proposal: Written documents, Verbal communication, Audio visual response, Pitch
- Response to Client Feedback: Communication skills, Client review/approval, Modification
- Review of Working Processes: Initial ideas and planning, Client brief requirements, Feedback, Asset choices, Hardware and software selection

Section 5: Developing an Interactive Media Product
- Asset Development: Pre-production, Production, Post-production
- Interactive Media Product Development: Pre-production, Production, Post-production

Section 6: Promotion and Presentation of Interactive Media Products
- Presenting an Interactive Media Product: Purpose
- Presentation Methods: Digital portfolio, Showreel, Online presence, Promotional video, Viral marketing, Interactive showcase
- Types of Presentation: Interactive presentation, Remote presentation

Section 7: Review of Production Processes and Final Interactive Media Product
- Pre-production Review: Appropriateness of assets, Timeline viability, Client communication, Proposal effectiveness
- Production Review: Production techniques, Editing techniques, Creative choices
- Post-production Review: Exporting options, Review against brief requirements, Client and audience needs
- Summative Evaluation: Meeting brief requirements

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