

**GCSE EXAMINATIONS 2019**

**Topics Guide**

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**ENGLISH LANGUAGE**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = EDEXCEL**  **Paper 1: 19th Century Fiction and Imaginative Writing**  Reading comprehension of an unseen extract  Language and structure analysis  Evaluation  Creative writing  **Paper 2: 20th Century Non Fiction and Transactional Writing**  Reading comprehension of two unseen non-fiction extracts  Language and structure analysis  Evaluation  Making comparisons  Transactional (non-fiction) writing | **Websites**  BBC Bitesize:  <https://www.bbc.com/education/examspecs/zgvg6fr>  GCSEPOD: <https://members.gcsepod.com/shared/podcasts#6002/6061>  **Practice Papers**  <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/english-language-2015.coursematerials.html#filterQuery=Pearson-UK:Category%2FExam-materials>  <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/english-language-2015.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FTeaching-and-learning-materials&filterQuery=category:Pearson-UK:Document-Type%2FExemplar-exam-material>  **Revision Guides**  Revise Edexcel GCSE (9-1) English Language Revision Guide by Julie Hughes  <https://www.amazon.co.uk/Revise-Edexcel-English-Language-Revision/dp/1447988086/ref=sr_1_1?ie=UTF8&qid=1521116690&sr=8-1&keywords=edexcel+english+language+revision+guide+9-1>  Revise Edexcel GCSE (9-1) English Language Revision Workbook by Julie Hughes  <https://www.amazon.co.uk/Edexcel-English-Language-Revision-Workbook/dp/1447987896/ref=sr_1_2?ie=UTF8&qid=1521116690&sr=8-2&keywords=edexcel+english+language+revision+guide+9-1> |

**ENGLISH LITERATURE**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = EDEXCEL**  **Paper 1 – Shakespeare *(Macbeth)* and Post 1914 Literature (*An Inspector Calls*):**   * Language and structure analysis of key extract * Essay   **Paper 2 – 19th Century Novel (*A Christmas Carol*) and Poetry since 1789 (Anthology – Relationships Collection and Unseen Poetry)**   * Language and structure analysis of key extract * Essay * Anthology poetry comparison essay * Unseen poetry comparison essay | **Websites**  BBC Bitesize: <https://www.bbc.com/education/examspecs/z2whg82>  GCSEPOD: <https://members.gcsepod.com/shared/podcasts#6002/6062>  **Other**  *A Christmas Carol* Audio Book: <https://www.youtube.com/watch?v=4IPlk4P7L0s&safe=active>  Poetry Tutorials and Bradon English: <https://www.youtube.com/channel/UCVn-kugx4HvEtiHRvnm1l7Q/videos?disable_polymer=1>  Mr Taylor: <https://www.youtube.com/channel/UCwPmyRwUpAGp7X395-eZRTw>  Shmoop Literature: <https://www.shmoop.com/literature/>  **Practice Papers**  <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/english-literature-2015.coursematerials.html#filterQuery=Pearson-UK:Category%2FExam-materials>    <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/english-literature-2015.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FTeaching-and-learning-materials&filterQuery=category:Pearson-UK:Document-Type%2FExemplar-exam-material> |

**ENGLISH LITERATURE continued**

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|  | **Revision Guides**  Unseen Poetry Grade 5:  <https://www.amazon.co.uk/Target-Edexcel-Workbook-Intervention-English/dp/1292230134/ref=pd_sim_14_7?_encoding=UTF8&psc=1&refRID=PPD3JPSFDHYH3XX3KM5R>  Macbeth Target Grade 5:  <https://www.amazon.co.uk/Macbeth-Edexcel-Workbook-Intervention-English/dp/1292230096/ref=pd_bxgy_14_img_2?_encoding=UTF8&psc=1&refRID=JG7HK8GXM0QXRH57XNN5>  An Inspector Calls Grade 5:  <https://www.amazon.co.uk/Inspector-Edexcel-Workbook-Intervention-English/dp/1292230061/ref=pd_bxgy_14_img_3?_encoding=UTF8&psc=1&refRID=MFDC5A86YVANV91VSCEM> |

**MATHS**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = AQA**   * Number * Algebra * Ratio * Geometry * Statistics and Probability | **Websites**  BBC Bitesize: <https://www.bbc.com/education/examspecs/z8sg6fr>  GCSEPOD: <https://members.gcsepod.com/shared/podcasts#6004>  **Other**  Maths Genie - GCSE 9 - 1 so you'll find exam style questions on new topics plus practice papers. <https://www.mathsgenie.co.uk/gcse.html>  Revision cards are available to buy from Corbett Maths <https://corbettmaths.com/>  Maths4Everyone has topic booklets and topic review sheets.  <http://maths4everyone.com/>    On MathsBot.com you'll find GCSE questions, revision grids and practice papers. <http://mathsbot.com/>  Access Maths has a page full of lovely 9 - 1 revision activities including revision mats, relays and mazes.  <http://www.accessmaths.co.uk/revision-resources.html#mats>  **Practice papers and revision guides**  PixiMaths has a collection of GCSE 9 - 1 booklets and other revision resources on the revision page  <https://www.piximaths.co.uk/revision-booklets> |

**MATHS continued**

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|  | AQA Papers:  <https://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/assessment-resources>    For £6 students can buy a pack of 6 practice papers from CGP. Practice paper books are also available to buy.  <https://www.amazon.co.uk/New-GCSE-Maths-Practice-Papers/dp/1782946616> <https://www.amazon.co.uk/New-GCSE-Maths-Practice-Papers/dp/1782946624/>  **Aimed at Grade 9**  There are revision workbooks for 'Grade 9 targeted exam practice' here.  <https://www.amazon.co.uk/Mathematics-Grade-Targeted-practice-workbook/dp/1782944168>    There are three 'Grade 9' booklets here at Bland.in.  <http://bland.in/edexcel_9-1.html> |

**SCIENCE**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = AQA**  **Biology Paper 1**  1 Cell biology  2 Organisation  3 Infection and response  3.2 Monoclonal antibodies *Triple only*  3.3 Plant diseases *Triple only*  4 Bioenergetics  **Biology Paper 2**  5 Homeostasis  5.4 Plant hormones *Triple only*  6 Inheritance variation and evolution  7 Ecology  7.4 Trophic levels in an ecosystem *Triple only*  7.5 Food production *Triple only*  **Chemistry Paper 1**  1 Atomic structure and the periodic table  1.3 Properties of transition metals *Triple only*  2 Bonding, structure and the properties of matter  properties of matter *Triple only*  3 Quantitative chemistry  3.3 Yield and atom economy *Triple only*  3.4 Using concentrations of solutions in M *Triple only*  3.5 Using amount of substance in relation to volumes of gases *Triple only*  4 Chemical changes  5 Energy changes  5.2 Chemical cells and fuel cells *Triple only*  **Chemistry Paper 2**  6 Rate and extent of chemical change  7 Organic chemistry | **Websites**  BBC Bitesize - AQA Trilogy: <https://www.bbc.com/education/examspecs/z8r997h>  GCSEPOD:  <https://www.gcsepod.com/>    **Other**  AQA Triple Science  Biology: <https://www.bbc.com/education/examspecs/zpgcbk7>  Chemistry: <https://www.bbc.com/education/examspecs/z8xtmnb>  Physics: <https://www.bbc.com/education/examspecs/zsc9rdm>    **Practice Papers**  AQA Sample papers  Combined Science Trilogy:  <https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/assessment-resources>  Triple Science – Biology:  <http://www.aqa.org.uk/subjects/science/gcse/biology-8461/assessment-resources>  Triple Science – Chemistry:  <http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462/assessment-resources>  Triple Science – Physics:  <http://www.aqa.org.uk/subjects/science/gcse/physics-8463/assessment-resources> |

**SCIENCE continued**

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| 7.2 Reactions of alkenes and alcohols *Triple* *only*  7.3 Synthetic and naturally occurring polymers *Triple only*  8 Chemical analysis  8.3 Identification of ions by chemical and spectroscopic means *Triple only*  9 Chemistry of the atmosphere  10 Using resources  10.3 Using materials *Triple only*  10.4 The Haber process and NPK fertilisers *Triple only*  **Physics Paper 1**  1 Energy  2 Electricity  2.5 Static electricity *Triple only*  3 Particle model of matter  4 Atomic structure  4.3 Hazards and uses of radioactive emissions  and of background radiation *Triple only*  4.4 Nuclear fission and fusion *Triple only*  **Physics Paper 2**  5 Forces  5.4 Moments, levers and gears *Triple only*  5.5 Pressure and pressure differences in fluids *Triple only*  6 Waves  6.3 Black body radiation *Triple only*  7 Magnetism and electromagnetism  7.3 Induced potential, transformers and the national grid (HT only) *Triple only*  8 Space Physics  8.1 Solar system; stability of orbital motions; satellites *Triple only*  8.2 Red-shift *Triple only* | **Revision Guides**  Collins Combined Science Trilogy – Foundation:  <https://www.harpercollins.co.uk/9780008160852/aqa-gcse-combined-science-trilogy-foundation-all-in-one-revision-and-practice/>  Collins Combined Science Trilogy – Higher:  <https://www.harpercollins.co.uk/9780008160869/aqa-gcse-combined-science-trilogy-higher-all-in-one-revision-and-practice/>  Collins GCSE Biology:  <https://www.harpercollins.co.uk/9780008160746/aqa-gcse-biology-all-in-one-revision-and-practice/>  Collins GCSE Chemistry:  <https://www.harpercollins.co.uk/9780008160753/aqa-gcse-chemistry-all-in-one-revision-and-practice/>  Collins GCSE Physics:  <https://www.harpercollins.co.uk/9780008160739/aqa-gcse-physics-all-in-one-revision-and-practice/> |

**GEOGRAPHY**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = EDEXCEL**  **Paper 1**   * Topic 1 Hazardous Earth – named examples of tropical storms & earthquakes * Topic 2 Development Dynamics – India case study * Topic 3 Challenges of an Urbanising World – Mumbai case study   **Paper 2**   * Topic 4 UK’s Evolving Physical Landscape – named examples of river flood & coastal management * Topic 5 UK’s Evolving Human Landscape – London case study * Topic 6 Fieldwork Investigations – Hornsea & Nottingham   **Paper 3**   * Topics 7 People & the Biosphere * Topics 8 Forests Under Threat * Topic 9 Consuming Energy Resources | **Websites**  BBC Bitesize:  <https://www.bbc.com/bitesize/examspecs/zsytxsg>  GCSEPOD:  <https://members.gcsepod.com/shared/podcasts#6003/6016>  **Other**  <https://app.senecalearning.com/dashboard/courses/add>  <https://revisionworld.com/gcse-revision/geography>  <http://www.geographypods.com/>  **Practice Papers**  <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/geography-b-2016.coursematerials.html#filterQuery=category:Pearson-UK:Category%2FSpecification-and-sample-assessments>  <https://www.vvs.org.uk/schools/belvoirhigh/departments/geography/Documents/Forms/AllItems.aspx?RootFolder=%2fschools%2fbelvoirhigh%2fdepartments%2fgeography%2fDocuments%2fGCSE%2fREVISION%2fPast%20Papers&FolderCTID=&View=%7b71DD53B9%2d9E09%2d43D9%2d9502%2dBB04B9D4EEEE%7d>  **Revision Guides**  Pearson Revision Guide  <http://www.pearsonschoolsandfecolleges.co.uk/secondary/Geography/14-16/EdexcelGeographyGCSESpecificationB2016/revision/edexcelgcse9-1geographyb.aspx> |

**HISTORY**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = AQA**  **Paper 1**   * America, 1840-1945: Expansion and Consolidation * Conflict and Tension: The inter-war years, 1918-1939   **Paper 2**   * Britain: Health and the People, c1000 to present day * Elizabethan England, c1558 – 1603 | **Websites**  BBC Bitesize:  <https://www.bbc.com/education/examspecs/zxjk4j6>  GCSEPOD:  <https://members.gcsepod.com/shared/podcasts#6003/6018>  **Practice Papers**  <http://www.aqa.org.uk/subjects/history/gcse/history-8145>    **Revision Guides**  New GCSE History AQA Revision Guide - for the Grade 9-1 Course (CGP GCSE History 9-1 Revision) – can be purchased on Agora for £3.25 and contains all four topics  My Revision Notes: AQA GCSE (9-1) History, Second edition – does not contain American West but has all other topics.  Priory Belvoir pupil site has three American West booklets with key information and practice questions. |

**RELIGIOUS STUDIES**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = AQA Spec A**   * Christianity Beliefs and Teachings * Christianity Practices * Islam Beliefs and Teachings * Islam Practices * Relationships and Families * Religion and Life * Religion, Crime and Punishment * Religion, Human Rights and Social Justice | **Websites**  BBC Bitesize: <https://www.bbc.com/education/examspecs/zy7spbk>  GCSEPOD: <https://members.gcsepod.com/shared/podcasts#6003/6024>  **Practice Papers**  <http://www.aqa.org.uk/subjects/religious-studies/gcse/religious-studies-a-8062/assessment-resources>  **Revision Guides**  <https://www.cgpbooks.co.uk/Student/book_RAR41> |

**SOCIOLOGY**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = WJEC**    **Paper 1:**   * Culture and Family * Research Methods * Education   **Paper 2:**   * Inequalities/Stratification * Research Methods * Crime | **Websites**  <http://www.wjec.co.uk/qualifications/sociology/r-sociology-gcse-from-2017/eduqas-gcse-sociology-spec-from-2017-e.pdf>  **Practice Papers**  . <https://www.amazon.co.uk/GCSE-Sociology-Revision-Practice-Collins/dp/0008227454/ref=sr_1_1?ie=UTF8&qid=1535717476&sr=81&keywords=aqa+sociology+study+guide>    **Revision Guides**  <https://www.amazon.co.uk/GCSE-Sociology-Revision-Practice-Collins/dp/0008227454/ref=sr_1_1?ie=UTF8&qid=1535717476&sr=8-1&keywords=aqa+sociology+study+guide> |

**FRENCH**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = EDEXCEL**   * Family * Technology * Hobbies and sports * Films / TV programmes * School * Future aspirations and work * Fashion * Around town * House and home routine * Food and drink * Healthy lifestyle * Holidays * Environment * Global issues * Customs | **Websites**  BBC Bitesize: <https://www.bbc.com/education/subjects/z9dqxnb>  GCSEPOD: <https://members.gcsepod.com/shared/podcasts#6005/6015>    **Other**  Linguascope  Zut  ActiveLearn  Quizlet  Memrise  MFL Twitter for extra vocabulary and cultural awareness  [www.ilini.com](http://www.ilini.com)  [www.lyricstraining.com](http://www.lyricstraining.com)  **Practice Papers AND Revision Guides**  <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/french-2016.resources.html?filterQuery=category:Pearson-UK:Publisher/Pearson> |

**DESIGN & TECHNOLOGY**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = AQA 8552**  **Core technical principles**   * New and Emerging Technologies * Industry & enterprise * Sustainability & environment * People, culture & society * Production techniques & systems * Energy, Material, Systems and Devices * Energy generation * Energy storage * Modern materials * Smart materials * Composite materials and technical textiles * Systems approach to designing * Electronics system processing * Mechanical devices * Materials and their Working Properties * Paper & board * Natural & manufactured timbers * Metals & alloys * Polymers * Textiles   **Specialist technical principles**   * Common Specialist Technical Principles * Forces & stresses * Improving functionality * Ecological & social footprint * The six R’s * Scales of production * Polymers **(specialist material)** * Sources, origins and properties * Working with polymer materials * Commercial manufacturing | **Websites**  Technology Student: <http://technologystudent.com/despro_flsh/NEW_GCSE3.html>  **Revision Guides**  Collins GCSE 9-1 Revision - AQA GCSE 9-1 Design & Technology All-in-One Revision and Practice  ISBN: 978-0-00-822740-1  **Practice Papers**  First examination 2019 |

**DESIGN & TECHNOLOGY continued**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| * Designing and Making Principles * The work of others * Design strategies * Communication of design ideas * Material selection * Tolerance & allowances * Material management * Specialist tools & processes   Surface treatments & finishes |  |

**DRAMA**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = AQA**  **Component 1:**  **Section A: Multiple choice**  Roles and responsibilities in the theatre  Staging types  Areas of the stage  Theatre terminology  **Section B: Study of Set Text**  Question1: Design terminology  Question 2: Vocal and physical skills  Question 3: Use of space terminology  Question 4: Paragraphing structure   * Plot * Characters, * Historical context * Performance style   **Section C: Live Theatre**  Background:  The playwright  Directorial interpretation  The Plot and characters of Curious Incident  Names of the cast and creatives  Writing skills:  X3 key moments of success from the production  Theatre terminology  Writing framework  Production aspects:  Lighting, Set, Sound and Costume design  Direction  Application of acting skills:  Physical skills, Vocal skills, use of space, interaction, actor/audience relationship | **Websites**  <https://www.bbc.co.uk/programmes/p01jyf8r>  **Other**  Component 1 section A terminology booklet (issued in class)  Component 1 section C Live Theatre booklet (issued in class)  *The 39 Steps* power point (issued in class)  **Practise Papers**  <https://www.aqa.org.uk/subjects/drama/gcse/drama-8261/assessment-resources>  **Revision Guides**  <https://www.amazon.co.uk/AQA-GCSE-Drama-Annie-Fox/dp/1911208217/ref=pd_lpo_sbs_14_img_0?_encoding=UTF8&psc=1&refRID=793AD6E72T1BG14R2QXJ> |

**PE**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = OCR**  **Paper 1**   * Physical factors influencing performance * Levers * Respiratory system * Muscular system * Planes of movement and axis of rotation * Cardiovascular system * Effects of exercise (long and short) * Principles and methods of training * Components of fitness and fitness testing * The exercise session and risk assessments     **Paper 2**   * Socio-cultural issues and sports psychology * Participation: trends, factors and strategies * Violence in sport * Mental preparation, guidance and feedback * Sportsmanship, gamesmanship and drugs * Skill, classification and target setting * Health, fitness, well-being and diet | **Websites**  BBC Bitesize: <http://www.bbc.co.uk/schools/gcsebitesize/pe/>  GCSEPOD: <https://www.bbc.com/education/examspecs/ztrcg82>  **Other**  Teach PE Website - [www.teachpe.com](http://www.teachpe.com)  **Practice Papers**  Use the OCR specification that is on the VLE  <https://www.vvs.org.uk/schools/belvoirhigh/departments/pe/Documents/Forms/AllItems.aspx>  <http://www.ocr.org.uk/qualifications/gcse-physical-education-j587-from-2016/>  **Revision Guides**  Given to all pupils  OCR GCSE PE My Revision Notes – can be purchased through school Agora £7.50 |

**FOOD STUDIES**

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| **Exam Board and Topics to revise** | **Where to find the information to revise** |
| **EXAM BOARD = EDUQAS**   * Micronutrients * Macronutrients * Cooking Methods and Heat Transfer * Food Science * Food Poisoning * Preservation * Food Choice * Food Provenance * Allergies and Intolerances * Sustainability * Primary and Secondary Processing | **Websites**  BBC Bitesize: <https://www.bbc.com/education/subjects/z48jmp3>  GCSEPOD: <https://members.gcsepod.com/shared/podcasts#6006/6013>    **Other**  <https://www.nutrition.org.uk/nutritionscience/nutrients-food-and-ingredients/vitamins.html>    <https://www.nutrition.org.uk/nutritionscience/nutrients-food-and-ingredients/protein.html>  <https://www.nutrition.org.uk/nutritionscience/nutrients-food-and-ingredients/fat.html>    <https://www.farminguk.com/>    To access the digital textbook and resources:  <http://www.illuminate.digital/eduqasfood/>  Username: SBELVOIR4  Password: STUDENT4  **Practice Papers**  <https://www.eduqas.co.uk/qualifications/food-preparation-and-nutrition/eduqas-gcse-food-prep-nutrition-sams-from-2016-v2.pdf>  **Revision Guides**  Students have CGP revision guides |