

**GCSE EXAMINATIONS 2019**

**Topics Guide**

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| **Subject** | **Page Number** |
| English Language | 2 |
| English Literature | 3-4 |
| Maths  | 5-6 |
| Science | 7-8 |
| Geography | 9 |
| History | 10 |
| Religious Studies | 11 |
| Sociology | 11 |
| French | 12 |
| Design Technology  | 13-14 |
| Drama | 15 |
| PE | 16 |
| Food Studies | 17 |

**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 extractLanguage and structure analysisEvaluationCreative writing**Paper 2: 20th Century Non Fiction and Transactional Writing**Reading comprehension of two unseen non-fiction extractsLanguage and structure analysisEvaluationMaking comparisonsTransactional (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](https://www.amazon.co.uk/Revise-Edexcel-English-Language-Revision/dp/1447988086/ref%3Dsr_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](https://www.amazon.co.uk/Edexcel-English-Language-Revision-Workbook/dp/1447987896/ref%3Dsr_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](https://www.amazon.co.uk/Target-Edexcel-Workbook-Intervention-English/dp/1292230134/ref%3Dpd_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](https://www.amazon.co.uk/Macbeth-Edexcel-Workbook-Intervention-English/dp/1292230096/ref%3Dpd_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](https://www.amazon.co.uk/Inspector-Edexcel-Workbook-Intervention-English/dp/1292230061/ref%3Dpd_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 emissionsand 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 topicsMy 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](https://www.amazon.co.uk/GCSE-Sociology-Revision-Practice-Collins/dp/0008227454/ref%3Dsr_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](https://www.amazon.co.uk/GCSE-Sociology-Revision-Practice-Collins/dp/0008227454/ref%3Dsr_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 PracticeISBN: 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 theatreStaging typesAreas of the stageTheatre terminology**Section B: Study of Set Text**Question1: Design terminologyQuestion 2: Vocal and physical skillsQuestion 3: Use of space terminologyQuestion 4: Paragraphing structure* Plot
* Characters,
* Historical context
* Performance style

**Section C: Live Theatre**Background:The playwrightDirectorial interpretationThe Plot and characters of Curious IncidentNames of the cast and creativesWriting skills:X3 key moments of success from the productionTheatre terminologyWriting frameworkProduction aspects: Lighting, Set, Sound and Costume designDirectionApplication 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](https://www.amazon.co.uk/AQA-GCSE-Drama-Annie-Fox/dp/1911208217/ref%3Dpd_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: SBELVOIR4Password: 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 |