

| Subject                  | Year                | Summary of changes for 2022  | URL   |
|--------------------------|---------------------|--|---|
| A-Level Biology          | 13                  | Detailed breakdown of topics covered in the examinations provided. Paper 1: transport across cell membranes, cell structure, Genetic diversity and adaptation, gas exchange, Proteins, Carbohydrates, mass transport, Biodiversity within a community; also required practicals 1, 3, 6 Paper 2: Homeostasis, Respiration, Nervous Coordination, energy & ecosystems, Nutrient cycles, inheritance, gene expression, photosynthesis; also required practical 9. Paper 3: photosynthesis, mitosis, gene technology, nervous coordination, mass transport, DNA & protein Synthesis, proteins, stimuli and required practical 2. Also includes a synoptic essay. Details on the link provided.  | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-7402-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-7402-AI-22.PDF</a>   |
| A-Level Chemistry        | 13                  | Detailed breakdown of topics covered in the examinations provided. Paper 1: Acids and bases, Amount of substance, Transition metals, group 7(17), the halogens, Atomic structure, Bonding, Equilibrium constant Kp for homogeneous systems Paper 2: Alkenes (including Required Practical 10), Amount of substance, Amino acids, proteins and DNA, Chemical equilibria, Le Chatelier's principle and Kc, Rate equations, Aromatic chemistry, Introduction to organic chemistry Paper 3: Thermodynamics (including Required Practical 2), Introduction to organic chemistry, Transition metals, Halogenoalkanes, Rate equations (including Required Practical 7), Amount of substance (including Required Practical 4), Electrode potentials and electrochemical cells<br>Details on the link provided. | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-7405-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-7405-AI-22.PDF</a>   |
| A-Level Computer Science | 13                  | No changes to the NEA or Paper 1. Some changes to paper 2. We've covered the majority of the work that is likely to be on Paper 2. The only thing that we still need to cover is Functional Programming for Paper 2. This gives plenty time for the "theory" side. NEA is due 15th April.<br>Fieldwork is not required   | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-7517-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-7517-AI-22.PDF</a>   |
| A-Level Geography        | 13                  | Flexibility in how students collect primary data<br>Advance information on exams is available. Details can be found on the link provided. A student friendly list has been created and shared with students. NEA deadline remains unchanged.   | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-7037-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-7037-AI-22.PDF</a>   |
| A-Level Maths            | 13                  | Advance information provided for Paper 1, 2 and 3 giving general topic areas which will be covered in each paper. This information covers almost the whole curriculum content so very little can be inferred from it. As a last minute revision resource it will be useful to direct students to specific topics to focus on in more detail on the week leading up to each exam.   | <a href="https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/Teaching%20and%20learning%20materials/W73066_GCE_A_Mathematics_9MA0_AN_Accessible_version.pdf">https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/Teaching%20and%20learning%20materials/W73066_GCE_A_Mathematics_9MA0_AN_Accessible_version.pdf</a>                   |
| A-Level Physics          | 13                  | Detailed breakdown of topics covered in the examinations provided. Paper 1: Particles, Mechanics, Electricity, Periodic Motion (SHM and Circular) and EM radiation and quantum phenomena. No WAVES or MATERIALS. Paper 2: Thermal, Radioactivity, Magnetic and Gravitational Fields. No ELECTRIC FIELDS or CAPACITORS. Paper 3: Thermal, Electricity, Materials and from Astrophysics: Doppler, Hubble, refracting telescopes and absolute magnitude. Details on the link provided.  | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-7408-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-7408-AI-22.PDF</a>   |
| A-Level Product Design   | 13                  | There are changes to the NEA; Development of design prototypes has been reduced from 25 to 15 marks. Students no longer need to make a prototype. Instead they can show their understanding of the processes involved in making by writing about them. Analysing and Evaluation has been reduced from 20 to 15 marks. There is no expectation to test a final made prototype but students should find ways of testing prototype designs. Focus on the June 2022 exam will be; Paper 1 - Performance characteristics of material, the use of finishes, digital design and manufacture, enterprise and marketing in the development of products. Paper 2 - Design theory, how technology and cultural changes can impact on the work of designers, responsible design.                                   | <a href="https://www.aqa.org.uk/subjects/design-and-technology/a-level/design-and-technology-product-design-7552/changes-for-2022">https://www.aqa.org.uk/subjects/design-and-technology/a-level/design-and-technology-product-design-7552/changes-for-2022</a>   |
| AS Core Maths            | 13                  | Advance information provided for Paper 1. This gives substantial detail of the content that will be covered on Paper 1. See provided link.   | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-1350-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-1350-AI-22.PDF</a>   |
| AS Level Further Maths   | 13                  | Advance information provided for Core Pure, Decision 1 and Further Mechanics 1 paper. This information covers almost the whole content (with the exception of Bin Packing from Decision 1) so very little can be inferred from it.   | <a href="https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/Teaching%20and%20learning%20materials/W73130_GCE_AS_Further_Mathematics_8FM0_AN_Accessible_version.pdf">https://qualifications.pearson.com/content/dam/pdf/A%20Level/Mathematics/2017/Teaching%20and%20learning%20materials/W73130_GCE_AS_Further_Mathematics_8FM0_AN_Accessible_version.pdf</a> |
| BTEC Engineering         | 13                  | No advance information released  | n/a   |
| CNAT Design              | 11                  | Students have already sat the exam. Results are due in March. No pre-release on topics were issued. Students are allowed to submit 3 NEAs instead of 4. We will submit R105, R106 and R107. Students will not complete R108. Total marks will be shared across the 3 submitted units.  | n/a   |
| CNAT Manufacture         | 11                  | Students have already sat the exam. Results are due in March. No pre-release on topics were issued. Students are allowed to submit 3 NEAs instead of 4. We will submit R109, R110 and R111. Students will not complete R112. Total marks will be shared across the 3 submitted units.  | <a href="https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-manufacture-level-1-2-award-certificate-j832-j842/changes-for-2022/">https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-manufacture-level-1-2-award-certificate-j832-j842/changes-for-2022/</a>   |
| CNAT Systems Control     | 11                  | Students have already sat the exam. Results are due in March. No pre-release on topics were issued. Students are allowed to submit 3 NEAs instead of 4. We will submit R113, R115 and R116. Students will not complete R114. Total marks will be shared across the 3 submitted units.  | n/a   |
| EPQ                      | 13                  | Qualification not mentioned in the summary and guidance document but the AQA website says that there are no changes to how the specification will be assessed in 2022.   | <a href="https://www.aqa.org.uk/subjects/projects/project-qualifications/EPQ-7993">https://www.aqa.org.uk/subjects/projects/project-qualifications/EPQ-7993</a>   |
| FPQ / HPQ                | 11                  | Qualification not mentioned in the summary and guidance document but the AQA website says that there are no changes to how the specification will be assessed in 2022.   | <a href="https://www.aqa.org.uk/subjects/projects/project-qualifications/PQ1-7991">https://www.aqa.org.uk/subjects/projects/project-qualifications/PQ1-7991</a><br><a href="https://www.aqa.org.uk/subjects/projects/project-qualifications/PQ2-7992">https://www.aqa.org.uk/subjects/projects/project-qualifications/PQ2-7992</a>  |
| GCSE Biology             | 11                  | Detailed breakdown of topic covered in paper 1 and paper 2. Please note there is variation between Foundation and Higher routes. Please see details on the links provided.   | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-8461-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-8461-AI-22.PDF</a>   |
| GCSE Business            | 11                  | Detailed breakdown of topics covered in theme 1 - paper 1 and theme 2 -paper 2.  | <a href="https://qualifications.pearson.com/content/dam/pdf/GCSE/Business/2017/teaching-and-learning-materials/W50843_GCSE_Business_1BS0_AN_Accessible_version.pdf">https://qualifications.pearson.com/content/dam/pdf/GCSE/Business/2017/teaching-and-learning-materials/W50843_GCSE_Business_1BS0_AN_Accessible_version.pdf</a>   |
| GCSE Chemistry           | 11                  | Detailed breakdown of specification references that will be the major focus of the exam, RPs that will be assessed and specification ref that won't be assessed (1 per paper and different for F and H)  | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-8462-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-8462-AI-22.PDF</a>   |
| GCSE Combined Science    | 11                  | Detailed breakdown of topic covered in paper 1 and paper 2. All Chemistry content could be assessed as there is nothing in the topics not assessed in the papers. Please note there is variation between Foundation and Higher routes. Please see details on the links provided.   | <a href="https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/changes-for-2022">https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464/changes-for-2022</a>   |
| GCSE Computer Science    | 11                  | Students have been given a brief. Presentation in the folder above. Topics are significantly reduced. Paper 1 (programming paper) doesn't change. Paper 2 (theory paper) has significantly reduced topics on the paper.  | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-8525-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-8525-AI-22.PDF</a>   |
| GCSE Design Technology   | 11                  | There are changes to the NEA; Realising Design ideas has been reduced from 20 to 10 marks. This means that students no longer need to make a final prototype but should show their understanding of the processes involved by writing about them. Analysing and Evaluation has been reduced from 20 to 15 marks. There is no expectation to test a final made prototype. Focus of the June 2022 exam will be; Selection of materials/components, ecological and social footprint, environmental, social and economic challenge, communication of design ideas, prototype development, material management.   | <a href="https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/changes-for-2022">https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552/changes-for-2022</a>   |
| GCSE English Language    | 11 and 12/13 resits | No changes have been made to either paper. Advanced information has been given in relation to Paper 2: Source A will be 21st Century Autobiographical Writing. Source B will be a 19th Century Essay. The form of the writing task in Section B of Paper 2 will be an article.   | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-8700-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-8700-AI-22.PDF</a>   |

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| GCSE English Literature     | 11 | No additions to the changes made previously which were: Students are examined on four of the five components for Literature: Shakespeare (Macbeth), Modern Text (An Inspector Calls), 19th Century Novel (A Christmas Carol) and Unseen Poetry. Students will sit paper 1 as two separate 50 minute papers: Paper 1 N - 19th Century Novel (A Christmas Carol) and Paper 1M Modern Text (An Inspector Calls). Students will sit Paper 2 as a 1 hour 45 minute paper - Section A - Shakespeare (Macbeth), Section B, Part 1 - Unseen poetry and Section B, part 2 - Unseen Poetry Comparison | <a href="https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702/changes-for-2022">https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702/changes-for-2022</a>   |
| GCSE Geography              | 11 | Paper 1 remains unchanged. Paper 2 optionality has been introduced so students need to answer questions on Urban issues and challenges then can choose between Changing economic world (we have not studied) or resource management. Paper time has been reduced to 1h15m. Paper 3 questions on familiar fieldwork have been removed but students still need to answer questions on unfamiliar fieldwork. Paper is now 1h. No center declaration required for fieldwork as the need for it has been removed. No advanced information on exam topics provided.                               |   |
| GCSE Maths                  | 11 | Formula sheets provided for both Higher and Foundation exam entry tiers. Students have been given copies of these and they can also be found on the AQA website (see provided links). A list of assessed topics has been provided for each paper. Students will receive a student-friendly version of this list to support their revision. The list can also be found on the AQA website using the link provided. Please note that there is information on both Foundation Tier and Higher Tier on the same document, so check that you are looking at the correct section.                 | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-8300-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-8300-AI-22.PDF</a><br><a href="https://filestore.aqa.org.uk/resources/maths/AQA-8300F-FS-INS.PDF">https://filestore.aqa.org.uk/resources/maths/AQA-8300F-FS-INS.PDF</a><br><a href="https://filestore.aqa.org.uk/resources/maths/AQA-8300H-FS-INS.PDF">https://filestore.aqa.org.uk/resources/maths/AQA-8300H-FS-INS.PDF</a> |
| GCSE Physics                | 11 | Detailed breakdown of topic covered in paper 1 and paper 2. Please note there is variation between Foundation and Higher routes. An equation sheet will also be provided. Please see details on the links provided.   | <a href="https://filestore.aqa.org.uk/content/summer-2022/AQA-8463-AI-22.PDF">https://filestore.aqa.org.uk/content/summer-2022/AQA-8463-AI-22.PDF</a><br><a href="https://filestore.aqa.org.uk/resources/physics/AQA-8463-ES-INS.PDF">https://filestore.aqa.org.uk/resources/physics/AQA-8463-ES-INS.PDF</a>  |
| L2 BTEC Applied Science     | 11 | 1 learning aim (1 assignment) per internally assessed unit does not have to be formally assessed  | <a href="https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf">https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf</a>   |
| L3 BTEC Applied Science     | 13 | Optional assignment unit has to be taught but not formally assessed   | <a href="https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf">https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf</a>   |
| L3 BTEC Business            | 13 | Streamlined assessment for the Customer services unit. Just awaiting confirmation from EV on learning aim.  | <a href="https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf">https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf</a>   |
| Tech Electronic Engineering | 13 | * Will allow reduction in the number of assessments taken of the moderated units for all students due to take assessments in 2021/22 * Work can be produced at home * Unit Level Adaptions  | <a href="https://www.ocr.org.uk/news/adaptations-for-cambridge-nationals-and-cambridge-technical-during-2021-22-confirmed/">https://www.ocr.org.uk/news/adaptations-for-cambridge-nationals-and-cambridge-technical-during-2021-22-confirmed/</a>   |
| Tech Mechanical Design      | 13 | * Will allow reduction in the number of assessments taken of the moderated units for all students due to take assessments in 2021/22 * Work can be produced at home * Unit Level Adaptions  | <a href="https://www.ocr.org.uk/news/adaptations-for-cambridge-nationals-and-cambridge-technical-during-2021-22-confirmed/">https://www.ocr.org.uk/news/adaptations-for-cambridge-nationals-and-cambridge-technical-during-2021-22-confirmed/</a>   |
| Y13 L3 BTEC IT              | 13 | Streamlined assessment for the web unit. Only Learning Aim A is assessed. The rest of the unit is taught, but not assessed. The document isn't mega clear on this, but I have had it clarified by Edexcel's subject specialist, Tim Brady as well as the external moderator & have e-mail chain evidence of this.   | <a href="https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf">https://qualifications.pearson.com/content/dam/pdf/News/btec-general-news/steamlined-internal-assessment-guidance.pdf</a>   |
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