

GCSE and A Level revision topics / units – March 2021



Students may find this list of topics useful for revision purposes in April and May. This is not an extensive list of what assessments will contribute towards the final grade as OFQUAL has said that evidence can be drawn from throughout the course. Instead, the table below indicates the topics, theme or units that students should prepare for assessments after Easter. Each department has control of what and how it wishes to assess during April and May and will be providing more information in the coming weeks.

Subject	GCSE	A Level
Art	Completed coursework project All 4 assessment objectives need to be evidenced within your coursework. Completed artists analysis and further annotations also needed to support the development of your project.	Completed coursework project All 4 assessment objectives need to be evidenced within your coursework. Completed artists analysis and further annotations also needed to support the development of your project. A creatively presented 3000-word personal investigation to support your project's journey.
Biology	GCSE Biology Unit 1 – 6 only (so, not unit 7, Ecology). This means you will be assessed on pages 1 – 255 of you AQA Biology textbook.	All units 1 – 8 will be assessed. This means you will be assessed on the entirety of the AQA Biology A-level textbook. Practical work will not be assessed after Easter. Year 12 work already completed will be used as evidence for practical mark and as part of pre-Easter assessment.
Business	Theme 1 – All topics [1.1-1.5] Theme 2 – Topics 2.1 – 2.4	All Themes 1-4 – we have covered the whole specification. The pre-release theme will NOT be assessed.
Chemistry	Weeks 1 to 3 (19/4/21 to 7/5/21) Paper 1 topics (Atomic structure and the periodic table / Bonding, structure and the properties of matter / Quantitative chemistry / Chemical changes / Energy changes) Weeks 4 to 6 (10/5/21 to 28/5/21) Paper 2 topics (The rate and extent of chemical change / Organic chemistry / Chemical analysis / Chemistry of the atmosphere / Using resources)	Weeks 1 to 2 (19/4/21 to 30/4/21) Year 12 and 13 physical chemistry Weeks 3 to 4 (3/5/21 to 14/5/21) Year 12 and 13 organic chemistry Week 5 (17/5/21 to 21/5/21) Year 12 and 13 inorganic chemistry Week 6 (24/5/21 to 28/5/21) Multiple-choice on all content
Chinese	Unit 2 School life and future plans Unit 3 Leisure activities Unit 4 Media, technology and culture Unit 5 Local areas, amenities and eco living Unit 6 Tourism, Transport, climate Unit 7 Food, drinks and festivals (Please note the revision material for each unit can be found on 11CH1 and 11CH2 Teams/Files/Class Material)	
Design & Technology	NEA: The deadline for submission is Wednesday 28 April 2021 Core Technical Principles: Pages 1-66 in the text book	NEA: The deadline for submission is Wednesday 5 May 2021 Technical Principles: Pages 4 to 181 in the text book

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	<p>Core materials: Woods, metals, polymers, textiles, papers/boards and electronics</p> <p>Energy sources, structures and mechanisms</p> <p>Sustainability: The 6Rs</p> <p>Properties of materials, stock form, strengthening, joining and primary sources</p> <p>Manufacturing methods: Wasting, redistribution and fabrication</p> <p>Products Analysis: ergonomics, safety, manufacture, aesthetics</p> <p>Specialist extension: POLYMERS</p> <p>Polymers: Types of polymers, properties, products, manufacturing with polymers, recycling, environmental issues</p>	<p>Designing and making principles: Pages 189-305 in the text book</p> <p>Materials: Properties, joining, environmental issues, primary sources, recycling</p> <p>Finishing materials</p> <p>Product analysis: Ergonomics, anthropometrics, aesthetics, scale of production and protecting design ideas</p> <p>Health and safety, risk assessment and COSHH</p> <p>Industrial production: One-off, batch, mass, QA and QC, jigs, formers, moulds, dies, CAD, CAM, CAE, CIM</p> <p>Designers and iconic products</p> <p>The history of design: Arts and crafts, Art Nouveau, Art Deco, Bauhaus, Modernism, Post-Modernism, Utility furniture</p> <p>Sustainability, responsible design and environmental issues</p>
Economics		<p>Content and assessments will focus on Paper 1 (Micro) and Paper 2 (Macro) - All students have been issued with a revised specification checklist which indicates which topics and specification content will form the basis of revision. An electronic version of this has also been posted on to Teams</p>
English Language	<p>C1 Section A: reading comprehension task (weeks 1 and 2)</p> <p>C1 Section B: creative writing task (weeks 3 and 4)</p> <p>C2 Section B only: transactional writing tasks (weeks 5 and 6)</p>	
English Language & Literature		<p>Component 1: Selected Texts from the Anthology (weeks 1 and 2)</p> <p>Component 2: Selected poems by William Blake (weeks 3 and 4) (note: Othello will not be assessed)</p> <p>Component 3: The Great Gatsby and Creative Writing (weeks 5 and 6)</p>
English Literature	<p>C2 Section B: Jekyll and Hyde (weeks 1 and 2)</p> <p>C1 Section A: Macbeth- extract question only (Weeks 3 and 4)</p> <p>C2 Section C: Unseen poetry (Weeks 5 and 6)</p>	<p>Component 1: Twelfth Night: extract question only (2 x papers) in weeks 1/2 and 5/6</p> <p>Component 1: A Doll's House v Rossetti, in weeks 3/4</p> <p>Note: US Literature will not be assessed further</p>
French	<p>Revision of 12 modules in textbook – vocabulary from these modules, plus all verb tenses and points of grammar.</p> <p>Post Easter assessments will be in Listening/Reading/Writing, in addition to the speaking endorsement (which remains compulsory) consisting of general conversation questions from Theme 3 and a role-play from Theme 1 or Theme 2.</p>	N/A
Geography	<p>1. UK Physical Landscapes- Rivers and Glaciers</p> <p>2. Challenge of Natural Hazards</p>	<p>1. Water and Carbon</p> <p>2. Hazards</p>

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	<p>3. Living World 4. Economic World 5. Urban Issues and Challenges</p>	<p>3. Population and the Environment 4. Changing Places 5. Global Systems and global governance</p>
History	<p>Your next main assessment will be on the Elizabeth unit. Prioritise this unit for revision over Easter. Of course, the other units, Germany & Cold War will also be assessed depended on further guidelines from OFQUAL.</p>	<p>Unit 1: USA: Making of a Superpower: whole unit to date Unit 2: Britain: Making of Modern Britain: whole unit to date We will have finished the whole course in the few weeks after Easter. NEA is now complete</p>
Computer Science	<p>1.1 Systems architecture 1.2 Memory 1.4 Wired and wireless networks 1.5 Network topologies, protocols and layers 1.7 Systems software 1.3 Storage 1.6 System security 1.8 Ethical, legal, cultural and environmental concerns 2.1 Algorithm 2.2 Programming techniques 2.1 Algorithms 2.2 Programming techniques 2.3 Producing robust programs 2.6 Data representation 1.1 Systems architecture 1.1 Systems architecture 1.2 Memory 1.6 System security 1.7 Systems software 1.8 Ethical, legal, cultural and environmental concerns 1.3 Storage 1.4 Wired and wireless networks 1.5 Network topologies, protocols and layers 2.1 Algorithms 2.3 Producing robust programs 2.6 Data representation 1.2 Memory 1.3 Storage 1.4 Wired and wireless networks</p>	<p>2.1 Elements of computational thinking 1.4.2 Data Structures (Please note questions involving writing pseudocode (procedural solution) to solve a particular problem could come up in any test.) 1.1.1 Structure and function of the processor 1.1.2 Types of processor 1.1.3 Input, output and storage 1.2.1 Systems Software 1.2.3 Software Development 2.2.1 Programming techniques 2.2.2 Computational Methods (Please note questions involving writing pseudocode (procedural solution) to solve a particular problem could come up in any test.) 1.3.1 Compression, Encryption and Hashing 1.3.2 Databases 1.3.3 Networks 1.5.1 Computing related legislation 2.3.1 Algorithms (Please note questions involving writing pseudocode (procedural solution) to solve a particular problem could come up in any test.) 1.3.2 Databases 1.3.3 Networks 1.3.4 Web Technologies 1.4.1 Data Types (Please note questions will only cover material taught and not the entire component.) 1.5.2 Moral and ethical Issues</p>

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	1.5 Network topologies, protocols and layers 2.6 Data representation	
Maths	In Mathematics we have finished the course and taught you all the material. For this reason, it is fairest for all if we assess you across the breadth of the course. This will also help you when you go on to further studies where mathematical knowledge is expected/required.	In Mathematics we have finished the course and taught you all the material. For this reason, it is fairest for all if we assess you across the breadth of the course. This will also help you when you go on to further studies where mathematical knowledge is expected/required.
Maths (Further)		In Mathematics we have finished the course and taught you all the material. For this reason, it is fairest for all if we assess you across the breadth of the course. This will also help you when you go on to further studies where mathematical knowledge is expected/required.
Music	All 8 set works	
Philosophy		No questions will be asked directly about: <ul style="list-style-type: none"> • Kantian Ethics • Swinburne's Design Argument • Epistemic Virtue Theory • Epistemological Reliabilism • Religious Language
Physics	Expect in-lesson tests on: <ul style="list-style-type: none"> • Space (first week after Easter) • Electromagnetism (probably second week) • Waves (probably third week) This covers units taught since the mock. After these tests we expect to use AQA assessments which we have not yet seen. These could be from anywhere in the specification and we'll give you more guidance when we can.	Expect in-lesson tests on topics you have covered in 2021. In order we intend to set: <ul style="list-style-type: none"> • Special Relativity (first Thursday after Easter) • Thermal Physics and Kinetic Theory • Magnetic Fields and Induction • Gravitation After these we will probably use some of the assessments from AQA which we have not yet seen but could potentially be from anywhere in the specification. We'll give more details when we can. We will probably use multiple choice questions from A2 Physics and (quite late on) a multiple choice from AS Physics. Expect tests on Thursdays as all sets have Physics then, but also there will also be some tests on other days. We hope to give all students a chance to excel by covering a variety of question styles and topics. Easter revision might best be focused on the bulleted topics above plus some past paper, timed multiple choice work.
Psychology		No questions will be asked directly about: <ul style="list-style-type: none"> • Obsessive Compulsive Disorder • Biological Rhythms

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		<ul style="list-style-type: none"> • Endogenous pacemakers and exogenous Zeitgebers • Type I and Type II errors • Holism and Reductionism, except as it defines various approaches (e.g., biological approach) • Idiographic and nomothetic approaches
Religious Studies	No questions will be asked directly about: <ul style="list-style-type: none"> • Social Justice (chapter 8 of both textbooks) 	
Spanish	Revision of 12 modules in textbook – vocabulary from these modules, plus all verb tenses and points of grammar. Post Easter assessments will be in Listening/Reading/Writing, in addition to the speaking endorsement consisting of general conversation questions from Theme 3 and a role-play from Theme 1 or Theme 2.	Revision of Modules 1-6 in Book One and 1-6 in Book Two. Assessments after Easter will be on Listening/Reading/translation/prose translation/summary work. An essay will be required on “La Casa de Bernarda Alba” and “El Laberinto del Fauno”. The IRP will be required for the speaking component.

N.B. A-Level MAT subject students will be provided with this information by those schools that deliver the subject.