



*Saint***GREGORY'S**
Bath

Exam Guide 2022

Changes for A Level Students
Updated February 2022

2022 A Level Exam Changes

Dear Students, Parents and Carers of Year 13

I am writing with regard to the examination season of Summer 2022. Because of the ongoing impact of the Coronavirus (COVID 19) pandemic, most subjects will have changes to how they are assessed in 2022. This could include advance information on exams, optionality, other adaptations and changes to the NEA (Non- examined assessment).

The purpose of this booklet is to allow you to check each subject so that you are fully informed on what you are preparing for.

There is a section per subject attached. Please note that this replaces the booklet sent to you in 2021.

The Joint Council for Qualifications (JCQ) has produced a 'landing page' which directs students and parents to any new information. This page can be found at:

<https://www.jcq.org.uk/summer-2022-arrangements/advance-information>

Grading

OfQual have released the following statement about exam grading in 2022:

"A package of support has been put in place for students taking GCSE, AS and A level qualifications in summer 2022. It is intended to make sure that we are being as fair as possible to students given the disruption they have experienced, and many continue to face, due to the coronavirus pandemic.

Part of the changes includes more generous grading this year to provide a safety net for students who may have been impacted by the pandemic."

Exam board websites

Links to examination boards that you may find useful can be found below:

- [AQA](#)
- [OCR](#)
- [Pearson Edexcel](#)
- [WJEC Eduqas](#)

2022 A Level Exam Changes

If you have any queries please do not hesitate to contact subject teachers, myself or Mrs Quinn, our Examinations Officer, at quinnh@st-gregorys.org.uk.

Yours faithfully

Mrs J Tidball
Director of Studies

tidballj@st-gregorys.org.uk

Biology A Level

Exam board: Biology AQA 7402

QAN Code: 601/4625/4

<http://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402>

Biology	2022 Examinations
Number of papers	3
Duration and content of papers	Paper 1 - 2 hours Paper 2 - 2 hours Paper 3 - 2 hours
Changes for 2022	<p>For each paper, the list shows the major focus of the content of the examination; the topic areas are listed in rank order, with the areas carrying the highest mark allocations at the top of each list.</p> <p>Topics not explicitly given in the list may appear in multiple-choice items, low tariff questions, or via synopticity.</p> <p>Paper 1 7402/1</p> <ul style="list-style-type: none">• 3.2.3 Transport across cell membranes (including Required Practical 3)• 3.2.1 Cell structure• 3.4.4 Genetic diversity and adaptation (including Required Practical 6)• 3.3.2 Gas exchange• 3.1.4 Proteins (including Required Practical 1)• 3.1.2 Carbohydrates• 3.3.4 Mass transport• 3.4.6 Biodiversity within a community <p>Paper 2 7402/2</p> <ul style="list-style-type: none">• 3.6.4 Homeostasis is the maintenance of a stable internal environment• 3.5.2 Respiration (including Required Practical 9)• 3.6.2 Nervous coordination• 3.5.3 Energy and ecosystems• 3.5.4 Nutrient cycles• 3.7.1 Inheritance• 3.8.2 Gene expression is controlled by a number of features• 3.5.1 Photosynthesis

Biology A Level

Biology	2022 Examinations
Changes for 2022	<p data-bbox="300 260 484 292">Paper 3 7402/3</p> <ul data-bbox="300 308 1036 598" style="list-style-type: none"><li data-bbox="300 308 554 335">• 3.5.1 Photosynthesis<li data-bbox="300 336 1036 363">• 3.2.2 All cells arise from other cells (including Required Practical 2)<li data-bbox="300 365 1036 422">• 3.8.4 Gene technologies allow the study and alteration of gene function<li data-bbox="300 424 621 451">• 3.6.2 Nervous coordination<li data-bbox="300 453 554 480">• 3.3.4 Mass transport<li data-bbox="300 481 672 509">• 3.4.2 DNA and protein synthesis<li data-bbox="300 510 481 537">• 3.1.4 Proteins<li data-bbox="300 539 1036 598">• 3.6.1 Stimuli, both internal and external, are detected and lead to a response <p data-bbox="300 614 1036 671">The final question, as always, on 7402/3 will be a choice of two synoptic essays.</p>
Changes to NEA	N/A

Business A Level

Exam board: Business AQA 7132

<http://www.aqa.org.uk/subjects/business-subjects/as-and-a-level/business-7131-7132>

Business	2022 Examinations
Number of papers	3
Duration and content of papers	Paper 1: Business1 (2 hours) – all Units 1 to 10 Paper 2: Business2 (2 hours) – all Units 1 to 10 Paper 3: Business3 (2 hours) – all Units 1 to 10
Changes for 2022	<ul style="list-style-type: none">• Students and teachers should consider how to focus their revision of other non-listed parts of the specification• Students will be credited for using any relevant knowledge from any non-listed topic areas when answering questions.• Students' responses to individual questions may draw upon other areas of specification content where relevant, and credit will be given for this where appropriate.• Students will still be expected to apply their knowledge to unfamiliar contexts.• Students will be expected to draw on knowledge, skills and understanding from across the specification when responding to synoptic questions. <p>Focus of the June 2022 exam</p> <p>A-level Business Paper 1 (7132/1)</p> <ul style="list-style-type: none">• 3.1.2 Understanding different business forms• 3.1.3 Understanding that businesses operate within an external environment• 3.2.2 Understanding management decision making• 3.2.3 Understanding the role and importance of stakeholders• 3.3.1 Setting marketing objectives• 3.3.3 Making marketing decisions: segmentation, targeting, positioning• 3.3.4 Making marketing decisions: using the marketing mix• 3.4.3 Making operational decisions to improve performance: increasing efficiency and productivity• 3.4.4 Making operational decisions to improve performance: improving quality• 3.5.1 Setting financial objectives• 3.5.2 Analysing financial performance• 3.5.3 Making financial decisions: sources of finance• 3.5.4 Making financial decisions: improving cash flow and profits

Business A Level

Business	2022 Examinations
Changes for 2022	<p data-bbox="296 280 840 312">A-level Business Paper 1 (7132/1) continued</p> <ul data-bbox="296 336 1037 863" style="list-style-type: none">• 3.6.2 Analysing human resource performance• 3.6.3 Making human resource decisions: improving organisational design and managing the human resource flow• 3.7.1 Mission, corporate objectives and strategy• 3.7.2 Analysing the existing internal position of a business to assess strengths and weaknesses: financial ratio analysis• 3.7.3 Analysing the existing internal position of a business to assess strengths and weaknesses: overall performance• 3.7.4 Analysing the external environment to assess opportunities and threats: political and legal change• 3.8.1 Strategic direction: choosing which markets to compete in and what products to offer• 3.8.2 Strategic positioning: choosing how to compete• 3.9.1 Assessing a change in scale• 3.9.4 Assessing greater use of digital technology• 3.10.1 Managing change• 3.10.3 Managing strategic implementation• 3.10.4 Problems with strategy and why strategies fail <p data-bbox="296 887 530 919">Quantitative Skills</p> <ul data-bbox="296 943 1037 1118" style="list-style-type: none">• Calculate, use and understand ratios, averages and fractions• Calculate, use and understand percentages and percentage changes• Construct and interpret a range of standard graphical forms• Calculate cost, revenue, profit and break-even• Interpret, apply and analyse information in written, graphical and numerical forms <p data-bbox="296 1142 705 1174">A-level Business Paper 2 (7132/2)</p> <ul data-bbox="296 1198 1037 1546" style="list-style-type: none">• 3.1.2 Understanding different business forms• 3.3.1 Setting marketing objectives• 3.3.2 Understanding markets and customers• 3.3.3 Making marketing decisions: segmentation, targeting, positioning• 3.3.4 Making marketing decisions: using the marketing mix• 3.4.5 Making operational decisions to improve performance: managing inventory and supply chains• 3.6.4 Making human resource decisions: improving motivation and engagement• 3.7.5 Analysing the external environment to assess opportunities and threats: economic change

Business A Level

Business	2022 Examinations
Changes for 2022	<p>A-level Business Paper 2 (7132/2) continued</p> <ul style="list-style-type: none">• 3.8.1 Strategic direction: choosing which markets to compete in and what products to offer• 3.9.1 Assessing a change in scale• 3.10.4 Problems with strategy and why strategies fail <p>Quantitative Skills</p> <ul style="list-style-type: none">• Calculate, use and understand percentages and percentage changes• Construct and interpret a range of standard graphical forms• Interpret values of price and income elasticity of demand• Use and interpret quantitative and non-quantitative information in order to make decisions Interpret, apply and analyse information in written, graphical and numerical forms. <p>A-level Business Paper 3 (7132/3)</p> <ul style="list-style-type: none">• 3.2.3 Understanding the role and importance of stakeholders• 3.3.4 Making marketing decisions: using the marketing mix• 3.5.2 Analysing financial performance• 3.5.3 Making financial decisions: sources of finance• 3.5.4 Making financial decisions: improving cash flow and profits• 3.9.1 Assessing a change in scale• 3.9.2 Assessing innovation• 3.10.2 Managing organisational culture• 3.10.3 Managing strategic implementation• 3.10.4 Problems with strategy and why strategies fail <p>Quantitative Skills</p> <ul style="list-style-type: none">• Calculate, use and understand ratios, averages and fractions• Calculate, use and understand percentages and percentage changes• Construct and interpret a range of standard graphical forms• Use and interpret quantitative and non-quantitative information in order to make decisions Interpret, apply and analyse information in written, graphical and numerical forms.
Changes to NEA	N/A
Any other advice or comments:	Students need to ensure that they are revising Year 12 material and practicing exam questions regularly. This is the best preparation for whatever adjustments are made.

Chemistry A Level

Exam board: Chemistry AQA 7405

QAN Code: 601/5731/8

<https://aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405>

Chemistry	2022 Examinations
Number of papers	3
Duration and content of papers	Paper 1 - 2 hours Paper 2 - 2 hours Paper 3 - 2 hours
Changes for 2022	<p>Students and teachers should consider how to focus their revision of other non-listed parts of the specification, which may be tested in lower mark questions.</p> <p>Students will still be expected to apply their knowledge to unfamiliar contexts.</p> <p>Students will be expected to draw on knowledge, skills and understanding from across the specification when responding to synoptic questions.</p> <p>Focus of the June 2022 exam</p> <p>The inclusion of Required Practicals in the lists below should not be taken to imply direct references to those procedures quoted in the Practical Handbook. They are there to give a general idea of the context in which practical work is being assessed.</p> <p>Paper 1 7405/1 Inorganic and Physical Chemistry</p> <ul style="list-style-type: none">• 3.1.12 Acids and bases• 3.1.2 Amount of substance• 3.2.5 Transition metals• 3.2.3 Group 7(17), the halogens• 3.1.1 Atomic structure• 3.1.3 Bonding• 3.1.10 Equilibrium constant K_p for homogeneous systems <p>Paper 2 7405/2 Organic and Physical Chemistry</p> <ul style="list-style-type: none">• 3.3.4 Alkenes (including Required Practical 10)• 3.1.2 Amount of substance• 3.3.13 Amino acids, proteins and DNA• 3.1.6 Chemical equilibria, Le Chatelier's principle and K_c• 3.1.9 Rate equations

Chemistry A Level

Chemistry	2022 Examinations
Changes for 2022	<p data-bbox="297 260 1021 292">Paper 2 7405/2 Organic and Physical Chemistry continued</p> <ul data-bbox="297 316 734 371" style="list-style-type: none">• 3.3.10 Aromatic chemistry• 3.3.1 Introduction to organic chemistry <p data-bbox="297 424 484 456">Paper 3 7405/3</p> <p data-bbox="297 480 1037 536">(This is the synoptic paper, so these topics may be assessed in combination.)</p> <ul data-bbox="297 568 941 767" style="list-style-type: none">• 3.1.8 Thermodynamics (including Required Practical 2)• 3.3.1 Introduction to organic chemistry• 3.2.5 Transition metals• 3.3.3 Halogenoalkanes• 3.1.9 Rate equations (including Required Practical 7)• 3.1.2 Amount of substance (including Required Practical 4)• 3.1.11 Electrode potentials and electrochemical cells
Changes to NEA	N/A

Chemistry AS Level

Exam board: Chemistry AQA 7404

QAN Code: 601/5730/6

<https://aqa.org.uk/subjects/science/as-and-a-level/chemistry-7404-7405>

Chemistry	2022 Examinations
Number of papers	2
Duration and content of papers	Paper 1 - 1 hour 30 minutes Paper 2 - 1 hour 30 minutes
Changes for 2022	<p>Students and teachers should consider how to focus their revision of other non-listed parts of the specification, which may be tested in lower mark questions.</p> <p>Students will still be expected to apply their knowledge to unfamiliar contexts.</p> <p>Students will be expected to draw on knowledge, skills and understanding from across the specification when responding to synoptic questions.</p> <p>Focus of the June 2022 exam</p> <p>The inclusion of Required Practicals in the lists below should not be taken to imply direct references to those procedures quoted in the Practical Handbook. They are there to give a general idea of the context in which practical work is being assessed.</p> <p>Paper 1 7404/1 Inorganic and Physical Chemistry</p> <ul style="list-style-type: none">• 3.1.1 Atomic structure• 3.1.2 Amount of substance (including Required Practical 1)• 3.1.3 Bonding• 3.1.6 Chemical equilibria, Le Chatelier's principle and K_c <p>Paper 2 7404/2 Organic and Physical Chemistry</p> <ul style="list-style-type: none">• 3.1.2 Amount of substance• 3.1.5 Kinetics• 3.1.4 Energetics• 3.3.4 Alkenes• 3.3.6 Organic analysis (including Required Practical 6)• 3.3.5 Alcohols

Dance A Level

Exam board: Dance AQA 7237

QAN Code: 601/8297/0

<https://www.aqa.org.uk/subjects/dance/a-level/dance-7237>

Dance	2022 Examinations
Number of papers	1 written paper (50%), practical exam (50%)
Duration and content of papers	<p>2hours 30minutes</p> <p>Section A – The set work ‘Rooster’ (Bruce, 1991) within the context of the Rambert Dance Company (formerly Ballet Rambert) 1966 - 2002.</p> <p>Short answer questions and one 25 mark essay</p> <p>Section B – The set work ‘Sutra’ (Sidi Larbi Cherkaoui, 2008) within the context of the independent contemporary dance scene in Britain 2000 – current</p> <p>Two 25 mark essay questions</p>
Changes for 2022	<p>The focus of the June 2022 question papers will be as follows:</p> <p>Paper 7237/W – Critical Engagement</p> <p>Section A: Study of set work The questions in Section A will focus on the set work ‘Rooster’ (Christopher Bruce, 1991) within the context of the Rambert Dance Company (formerly Ballet Rambert) 1966–2002.</p> <p>Short answer questions:</p> <ul style="list-style-type: none">• The set work ‘Rooster’ and one other work by Christopher Bruce• The second dance ‘Lady Jane’• The fourth dance ‘As Tears Go By’• The fifth dance ‘Paint It Black’• The seventh dance ‘Play With Fire’ <p>Note – the order above does not necessarily relate to the order of questions in the assessment.</p> <p>Extended response will focus on:</p> <ul style="list-style-type: none">• The dance works you have studied from the repertoire of the Rambert Dance Company (formerly Ballet Rambert) 1966–2002. <p>Section B: No advance information</p>

Dance A Level

Dance	2022 Examinations
Changes to NEA	<p>Component 1: Performance</p> <ol style="list-style-type: none">1. New regulatory minimum timings in place for both practitioner solos and group performances2. Performance, which used to be a quartet, can now be performed as a solo, or group dance, with up to four dancers. <p>Component 1: Choreography</p> <ol style="list-style-type: none">1. New regulatory minimum timings in place for choreography task (2-4 minutes)
Any other advice or comments:	

Drama & Theatre A Level

Exam board: Edexcel 9DR01

QAN Code: 601/8302/0

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/drama-and-theatre-2016.html>

Drama & Theatre	2022 Examinations
Number of papers	1
Duration and content of papers	2 hours and 30 minutes 'Theatre makers in Practice' Section A: Live Theatre Evaluation 'Wise Children' Section B: Page to Stage: Realising a Performance text 'Machinal' Section C: Interpreting a Performance Text 'Woyzeck'
Changes for 2022	As of 7 February 2022 the following adaptations have been made: Component 3: Section A: Live Theatre Live Theatre can be recorded/streamed Sections B: Realising a performance text The examined extract from Machinal has been confirmed as: Page 49 (Episode 6 'intimate') stage direction 'A street light is lit outside' to page 59 (Episode 7 'Domestic') stage direction 'The scene lights for Episode eight' Section C: Interpreting a performance text. The examined extract from Woyzeck has been confirmed as: Page 19 'Scene 4' Marie's room (Marie & Woyzeck at home) to page 51 'Scene 9' (Captain & Doctor in the street) line ending Captain. 'I'm not like that'
Changes to NEA	Component 1: No changes Component 2: <ul style="list-style-type: none">• Perform ONE key extract not two.• Candidates will perform either a monologue or duologue.• Marks will be scaled (/24 for mono/duo)• Timings Monologue – 1.5 – 3 mins, Duologue – 2 -6 mins.• No requirements for live audience. Teacher present• Option for visiting examiner if circumstances allow. Date agreed Friday 25 March.
Any other advice or comments:	

Economics A Level

Exam board: AQA Economics 7136

<https://www.aqa.org.uk/subjects/economics/as-and-a-level/economics-7135-7136>

Economics	2022 Examinations
Number of papers	3
Duration and content of papers	Paper 1: Markets and market failure (2 hours) – microeconomics Paper 2: National and international economy (2 hours) - macroeconomics Paper 3: Economic principles and issues (2 hours) – synoptic (both micro and macroeconomics)
Changes for 2022	<ul style="list-style-type: none">• Students will be credited for using any relevant knowledge from any non-listed topic areas when answering questions.• Students’ responses to individual questions may draw upon other areas of specification content where relevant, and credit will be given for this where appropriate.• Students will still be expected to apply their knowledge to unfamiliar contexts.• Students will be expected to draw on knowledge, skills and understanding from across the specification when responding to synoptic questions.• Students and teachers should consider how to focus their revision of other non-listed parts of the specification, for example to review whether other topics may provide knowledge which helps understanding in relation to the areas being tested in 2022. <p>Focus of the June 2022 exam</p> <p>A-level Economics Paper 1: Markets and Market Failure (7136/1)</p> <ul style="list-style-type: none">• 4.1.4.8 Technological change• 4.1.5.1 Market structures• 4.1.5.2 The objectives of firms• 4.1.5.5 Oligopoly• 4.1.5.6 Monopoly and monopoly power• 4.1.5.8 The dynamics of competition and competitive market processes• 4.1.5.9 Contestable and non-contestable markets• 4.1.5.10 Market structure, static efficiency, dynamic efficiency and resource allocation• 4.1.6.1 The demand for labour, marginal productive theory

Economics A Level

Economics	2022 Examinations
Changes for 2022	<p data-bbox="296 284 1037 341">A-level Economics Paper 1: Markets and Market Failure (7136/1) continued</p> <ul data-bbox="296 368 1028 1070" style="list-style-type: none">• 4.1.6.2 Influences upon the supply of labour to different markets• 4.1.6.3 The determination of relative wage rates and levels of employment in perfectly competitive labour markets• 4.1.6.4 The determination of relative wage rates and levels of employment in imperfectly competitive labour markets• 4.1.6.5 The influence of trade unions in determining wages and levels of employment• 4.1.6.6 The National Minimum Wage• 4.1.6.7 Discrimination in the labour market• 4.1.7.1 The distribution of income and wealth• 4.1.7.2 The problem of poverty• 4.1.7.3 Government policies to alleviate poverty and to influence the distribution of income and wealth• 4.1.8.1 How markets and prices allocate resources• 4.1.8.2 The meaning of market failure• 4.1.8.3 Public goods, private goods and quasi-public goods• 4.1.8.4 Positive and negative externalities in consumption and production• 4.1.8.5 Merit and demerit goods• 4.1.8.6 Market imperfections• 4.1.8.8 Public ownership, privatisation, regulation and deregulation of markets• 4.1.8.9 Government intervention in markets• 4.1.8.10 Government failure <p data-bbox="296 1098 468 1123">Quants skills:</p> <ul data-bbox="296 1150 992 1321" style="list-style-type: none">• Calculate, use and understand ratios and fractions• Calculate, use and understand percentages and percentage changes• Construct and interpret a range of standard graphical forms• Interpret, apply and analyse information in written, graphical and numerical forms <p data-bbox="296 1348 1037 1406">A-level Economics Paper 2: National and international economy (7136/2)</p> <ul data-bbox="296 1433 888 1546" style="list-style-type: none">• 4.2.1.1 The objectives of government economic policy• 4.2.1.2 Macroeconomic indicators• 4.2.1.3 Use of index numbers• 4.2.1.4 The uses of national income data

Economics A Level

Economics	2022 Examinations
Changes for 2022	<p data-bbox="296 284 1037 343">A-level Economics Paper 2: National and international economy (7136/2) continued</p> <ul data-bbox="296 368 1037 895" style="list-style-type: none">• 4.2.2.1 The circular flow of income• 4.2.2.2 Aggregate demand and aggregate supply analysis• 4.2.2.3 The determinants of aggregate demand• 4.2.2.4 Aggregate demand and the level of economic activity• 4.2.2.5 Determinants of short-run aggregate supply• 4.2.2.6 Determinants of long-run aggregate supply• 4.2.3.1 Economic growth and the economic cycle• 4.2.3.2 Employment and unemployment• 4.2.3.3 Inflation and deflation• 4.2.3.4 Possible conflicts between macroeconomic policy objectives• 4.2.4.3 Central banks and monetary policy• 4.2.5.1 Fiscal policy• 4.2.5.2 Supply-side policies• 4.2.6.1 Globalisation• 4.2.6.2 Trade• 4.2.6.3 The balance of payments• 4.2.6.4 Exchange rate systems• 4.2.6.5 Economic growth and development <p data-bbox="296 919 468 946">Quants skills:</p> <ul data-bbox="296 975 1037 1118" style="list-style-type: none">• Understand and use the terms mean, median and relevant quantiles• Construct and interpret a range of standard graphical forms• Calculate and interpret index numbers• Interpret, apply and analyse information in written, graphical and numerical forms <p data-bbox="296 1142 1037 1201">A-level Economics Paper 3: Economic principles and issues (7136/3)</p> <ul data-bbox="296 1227 1037 1516" style="list-style-type: none">• 4.1.1.1 Economic methodology• 4.1.1.5 Production possibility diagrams• 4.1.2.1 Consumer behaviour• 4.1.2.4 Behavioural economics and economic policy• 4.1.3.1 The determinants of the demand for goods and services• 4.1.3.2 Price, income and cross elasticities of demand• 4.1.3.4 Price elasticity of supply• 4.1.3.6 The interrelationship between markets• 4.1.4.7 Profit• 4.1.4.8 Technological change

Economics A Level

Economics	2022 Examinations
Changes for 2022	<p data-bbox="296 284 1032 341">A-level Economics Paper 3: Economic principles and issues (7136/3) continued</p> <ul data-bbox="296 368 967 1305" style="list-style-type: none">• 4.1.5.2 The objectives of firms• 4.1.5.3 Perfect competition• 4.1.5.4 Monopolistic competition• 4.1.5.7 Price discrimination• 4.1.5.8 The dynamics of competition and competitive market processes• 4.1.5.11 Consumer and producer surplus• 4.1.6.4 The determination of relative wage rates and levels of employment in imperfectly competitive labour markets• 4.1.7.2 The problem of poverty• 4.1.8.2 The meaning of market failure• 4.1.8.4 Positive and negative externalities in consumption and production• 4.1.8.6 Market imperfections• 4.1.8.9 Government intervention in markets• 4.1.8.10 Government failure• 4.2.1.1 The objectives of government economic policy• 4.2.1.2 Macroeconomic indicators• 4.2.1.3 Use of index numbers• 4.2.1.4 Uses of national income data• 4.2.2.1 The circular flow of income• 4.2.2.2 Aggregate demand and aggregate supply analysis• 4.2.3.1 Economic growth and the economic cycle• 4.2.3.2 Employment and unemployment• 4.2.3.3 Inflation and deflation• 4.2.4.1 The structure of financial markets and financial assets• 4.2.4.2 Commercial banks and investment banks• 4.2.4.4 The regulation of the financial system• 4.2.5.1 Fiscal policy• 4.2.5.2 Supply-side policies• 4.2.6.2 Trade• 4.2.6.5 Economic growth and development <p data-bbox="296 1331 468 1358">Quants skills:</p> <ul data-bbox="296 1385 953 1528" style="list-style-type: none">• Calculate, use and understand ratios and fractions• Calculate, use and understand percentages and percentage changes• Construct and interpret a range of standard graphical forms• Calculate and interpret index numbers

Economics A Level

Economics	2022 Examinations
Changes for 2022	Quants skills continued: <ul style="list-style-type: none">• Make calculations to convert from money to real terms• Make calculations of elasticity and interpret the results• Interpret, apply and analyse information in written, graphical and numerical forms.
Changes to NEA	N/A
Any other advice or comments:	Students need to ensure that they are revising Year 12 material and practicing exam questions regularly. This is the best preparation for whatever adjustments are made.

English Language & Literature A Level

Exam board: English AQA 7707

QAN Code: 601/4641/2

<https://www.aqa.org.uk/subjects/english/as-and-a-level/english-language-and-literature-7706-7707>

Language & Literature	2022 Examinations
Number of papers	2
Duration and content of papers	<p>Paper 1 - Telling Stories</p> <p>3hrs - 100 marks - 40% of A Level</p> <p>Section A – Remembered places One compulsory question on the AQA Anthology: Paris (40 marks) This section is closed book.</p> <p>Section B – Imagined worlds One question from a choice of two on prose set text (35 marks) This section is open book.</p> <p>Section C – Poetic voices One question from a choice of two on poetry set text (25 marks) This section is open book.</p> <p>Paper 2 - Exploring Conflict</p> <p>2hrs 30mins - 100 marks - 40% of A Level</p> <p>Section A – Writing about society One piece of re-creative writing using set text (25 marks) Critical commentary (30 marks) This section is open book.</p> <p>Section B – Dramatic encounters One question from a choice of two on drama set text (45 marks) This section is open book.</p>
Changes for 2022	<p>No changes to duration, content or format of the papers. To help students focus their exam preparation, there will be advance information on what some of the exams will cover: For Paper 1 Section A, the two extracts will come from pp. 44-104 of the Paris Anthology. For Paper 2 Section A, the extract from The Kite Runner will come from Ch. 11-17.</p>
Changes to NEA	<p>No changes. Coursework - Making Connections. A personal investigation that explores a specific technique or theme in both literary and non-literary discourse (2,500–3,000 words). 50 marks - 20% of A Level</p>

English Literature A Level

Exam board: English AQA 7712

QAN Code: 601/5327/1

<https://www.aqa.org.uk/subjects/english/as-and-a-level/english-literature-a-7711-7712>

Literature	2022 Examinations
Number of papers	2
Duration and content of papers	<p>Paper 1 - Love Through the Ages</p> <p>3hrs - 75 marks - 40% of A Level Section A: Shakespeare: one passage-based question with linked essay (25 marks) Section B: Unseen poetry: compulsory essay question on two unseen poems (25 marks) Section C: Comparing texts: one essay question linking two texts (25 marks)</p> <p>Paper 2 - Texts in Shared Contexts</p> <p>2hrs 30mins - 75 marks - 40% of A Level Section A: Set texts. One essay question on set text (25 marks) Section B: Contextual linking one compulsory question on an unseen extract (25 marks) one essay question linking two texts (25 marks)</p>
Changes for 2022	<p>No changes to duration, content or format of the papers. To help students focus their exam preparation, there will be advance information on what some of the exams will cover. For Paper 1 Section A, the Othello passage will come from Act 3.</p>
Changes to NEA	N/A
Any other advice or comments:	<p>No changes. Coursework - Independent Critical Study Comparative critical study of two texts, at least one of which must have been written pre-1900. One extended essay (2500 words) and a bibliography. 50 marks - 20% of A Level</p>

Geography A Level

Exam board: AQA 7037

QAN Code: 601/8940/X

<https://www.aqa.org.uk/subjects/geography/as-and-a-level/geography-7037>

Geography	2022 Examinations
Number of papers	2
Duration and content of papers	<p>Paper 1: Physical geography</p> <p>Section A: Water and carbon cycles Section B: Coastal systems and landscapes Section C: Hazards 2 hours 30 minutes • 120 marks • 40% of A-level</p> <p>Paper 2: Human geography</p> <p>Section A: Global systems and global governance Section B: Changing places Section C: Population and the environment 2 hours 30 minutes • 120 marks • 40% of A-level</p>
Changes for 2022	<p>There is an element of flexibility in how students collect their data for the NEA (fieldwork) and four days of compulsory fieldwork is not required.</p> <p>Some elements of the specification have been removed and students will not need to study/revise these elements. There are components of each of the topics studied which have been removed, all A Level Geographers already have a detailed copy of both the content they are required to study, as well as that which has been removed.</p>
Changes to NEA	<p>No change. The NEA is still required and will account for 20% of the final A level grade. There is an element of flexibility in how students collect their data for the NEA (fieldwork) and four days of compulsory fieldwork is not required.</p>
Any other advice or comments:	<p>The format and wording of the questions will remain exactly the same, as will the mark schemes for each question. The specification content for each individual topic will also remain the same.</p>

History A Level

Exam board: History AQA 7042

QAN Code: 601/4973/5

<https://www.aqa.org.uk/subjects/history/as-and-a-level/history-7041-7042/introduction>

History	2022 Examinations
Number of papers	2
Duration and content of papers	<p>Component 1 - Breadth Study (The Tudors) Written exam: 2 hours 30 minutes Three questions</p> <ul style="list-style-type: none">• Answer one compulsory 30 mark question• Followed by two essays from a list of three (2 x 25 marks) <p>80 marks - 40% of A Level</p> <p>Component 2 - Depth Study (American Dream) Written exam: 2 hours 30 minutes Three questions</p> <ul style="list-style-type: none">• Answer one compulsory 30 mark question• Followed by two essays from a list of three (2 x 25 marks) <p>80 marks - 40% of A Level</p>
Changes for 2022	<p>To help students focus their exam preparation, there is advanced information on what exams will cover from AQA.</p> <ul style="list-style-type: none">• The format/structure of the papers remains unchanged.• Questions will be drawn from one or more of the indicated areas of specification content.• The information is presented in specification order and not in question order.• Students will be credited for using any relevant knowledge when answering questions.• Students will not be disadvantaged if solely using the areas indicated in this list. There is no expectation of knowledge beyond that identified in order to achieve full marks.• It is advised that teaching and learning should still aim to address the entire subject content in the specification. <p>1C Tudors</p> <p>Section one: Henry VII, 1485-1509</p> <ul style="list-style-type: none">• Henry Tudor's consolidation of power: character and aims; establishing the Tudor dynasty• Government: councils, parliament, justice, royal finance, domestic policies

History A Level

History	2022 Examinations
Changes for 2022	<p data-bbox="300 284 563 312">1C Tudors continued</p> <ul data-bbox="300 339 1037 451" style="list-style-type: none">• Relationships with Scotland and other foreign powers; securing the succession; marriage alliances• Society: churchmen, nobles and commoners; regional division; social discontent and rebellions <p data-bbox="300 480 675 509">Section two: Henry VIII, 1509-1547</p> <ul data-bbox="300 509 1037 711" style="list-style-type: none">• Henry VIII: character and aims; addressing Henry VII's legacy• Government: Crown and Parliament, ministers, domestic policies including the establishment of Royal Supremacy• Relationships with Scotland and other foreign powers; securing the succession• Religion: renaissance ideas; reform of the Church; continuity and change by 1547 <p data-bbox="300 740 826 769">Section three: 'The Mid-Tudor Crisis', 1547-1563</p> <ul data-bbox="300 769 1037 971" style="list-style-type: none">• The social impact of religious and economic changes under Edward VI; rebellion; intellectual developments; humanist and religious thought• The social impact of religious and economic changes under Mary I; rebellion; intellectual developments; humanist and religious thought• The impact of economic, social and religious developments in the early years of Elizabeth's rule <p data-bbox="300 1000 846 1029">Section four: The triumph of Elizabeth, 1563-1603</p> <ul data-bbox="300 1029 1037 1201" style="list-style-type: none">• Foreign affairs: issues of succession; Mary, Queen of Scots; relations with Spain• Society: continuity and change; problems in the regions; social discontent and rebellions• Economic development: trade, exploration and colonisation; prosperity and depression <p data-bbox="300 1230 555 1259">2Q American Dream</p> <p data-bbox="300 1287 910 1316">Section one: Truman and Post-war America, 1945-1952</p> <ul data-bbox="300 1316 1037 1540" style="list-style-type: none">• The United States in 1945 and the legacies of the world war: the powers of the presidency; the main political parties; post-war prosperity; regional, ethnic and social divisions• Truman and post-war reconstruction: the economy; political divisions and domestic problems; the rise of McCarthyism• African-Americans in North and South: the impact of the Second World War; campaigns for Civil Rights; the responses of the federal and state authorities

History A Level

History	2022 Examinations
Changes for 2022	<p>Section two: Eisenhower: Tranquillity and crisis, 1952 – 1960</p> <ul style="list-style-type: none">• No Content <p>Section three: John F Kennedy and the ‘New Frontier’, 1960–1963</p> <ul style="list-style-type: none">• The presidential election of 1960 and reasons for Kennedy’s victory; the policies and personalities of the Kennedy administration; the ideas behind the ‘New Frontier’• Challenges to American power: the legacy of crises over Berlin and relations with Khrushchev; the challenge of Castro’s Cuba; deepening involvement in Vietnam• African-Americans in North and South: the rise of the Civil Rights Movement; the opponents of Civil Rights, including within the Democratic Party; Kennedy’s policies in response to the pressures for change• The United States by 1963: its position as a world power; economic prosperity; the growing pressures for social change from women and youth <p>Section four: The Johnson Presidency, 1963–1968</p> <ul style="list-style-type: none">• Johnson as President: personality and policies; his pursuit of the ‘Great Society’; the impact of the Kennedy legacy; economic developments• Maintaining American world power: escalation of the war in Vietnam; relations between the USA and its Western allies• Social divisions and protest movements: education and youth; feminism; radicalisation of African-Americans; anti-war movements; the role of the media <p>Section five: Republican reaction: the Nixon Presidency, 1968–1974</p> <ul style="list-style-type: none">• The Watergate Affair and its aftermath: the role of Congress; the resignation of the President; Nixon’s political legacy <p>Section six: The USA after Nixon, 1974–1980</p> <ul style="list-style-type: none">• Ford and Carter as presidents: responses to social divisions; political corruption and the loss of national self-confidence
Changes to NEA	Worth 20% as always. The deadline for submitting the Question Approval form to AQA was moved from October to December 2021. Students have already submitted their questions and these have been approved by AQA.
Any other advice or comments:	The format and wording of the questions will remain exactly the same, as will the mark schemes for each question. The specification content for each individual theme will also remain the same.

Maths A Level

Exam board: Edexcel 9MA0

QAN Code: 603/1333/X

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html>

Maths	2022 Examinations
Number of papers	3
Duration and content of papers	2 Pure, 1 Applied
Changes for 2022	<p>Formula sheet given and topic lists available from Feb 2022.</p> <p>For each paper, the lists below show the major focus of the content of the exams. Questions will be drawn from one or more of these areas of the specification content. The aim should still be to cover all specification content in teaching and learning. The information is presented in approximate specification order and not in question order.</p> <p>Paper 9MA0/01 Pure Mathematics 1</p> <ul style="list-style-type: none">• Formal proof• The factor theorem• Understand and use graphs of functions• Use intersection points of graphs to solve equations• Transformations of a curve• Use of functions in modelling• The coordinate geometry of the circle• Arithmetic sequences and series• Differentiation: stationary points, minima. Radian measure• Trigonometric identities and equations• Trigonometric functions and identities: area under a curve• Exponentials: Solving equations, rate of change• Maximum point; iteration• Integration as a limit• Methods of integration• Use vectors to solve a problem in pure mathematics <p>Paper 9MA0/02 Pure Mathematics 2</p> <ul style="list-style-type: none">• Formal proof• The modulus of a linear function• Understand and use function notation• The binomial expansion• Sequence generated by an iterative formula

Maths A Level

Maths	2022 Examinations
Changes for 2022	<p data-bbox="300 284 879 316">Paper 9MA0/02 Pure Mathematics 2 continued</p> <ul data-bbox="300 339 983 659" style="list-style-type: none">• Geometric sequences and series; trigonometric identities• Use of a trigonometric function• The function ax and its graph• Differentiation; roots of equations• Differentiation from first principles• Find maximum and minimum points; Newton- Raphson method• Differentiation of curves defined parametrically• Area under a curve• Solution of a first order differential equation; partial fractions• The trapezium rule• Use vectors to solve problems in pure mathematics <p data-bbox="300 683 613 715">Paper 9MA0/31 Statistics</p> <ul data-bbox="300 738 1033 914" style="list-style-type: none">• Regression lines (change of variable); hypothesis test for correlation• Measures of central tendency and variation• Probability and Venn diagrams• Discrete probability distributions; normal approximation• Normal distribution• Hypothesis testing <p data-bbox="300 938 630 970">Paper 9MA0/32 Mechanics</p> <ul data-bbox="300 994 994 1169" style="list-style-type: none">• Constant acceleration in 2-D and Newton's 2nd law in 2-D using vectors• Variable acceleration, language of kinematics• Projectiles, constant acceleration• Dynamics, resolving forces, friction, equilibrium• Statics, moments, resolving forces, friction
Changes to NEA	N/A
Any other advice or comments:	

Maths AS Level

Exam board: Edexcel 8MA0

QAN Code: 603/1307/9

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html>

Maths AS Level	2022 Examinations
Number of papers	1
Duration and content of papers	1 Pure, 1 Applied
Changes for 2022	<p>For each paper, the lists below show the major focus of the content of the exams. Questions will be drawn from one or more of these areas of the specification content. The aim should still be to cover all specification content in teaching and learning. The information is presented in approximate specification order and not in question order.</p> <p>Paper 8MA0/01 Pure Mathematics 1</p> <ul style="list-style-type: none">• Formal proof• Manipulation of polynomials, factor theorem, roots of equations• Graphs of functions, factorisation• Coordinate geometry of circles and straight lines• The binomial expansion• Sine and cosine rules• Trigonometric equations and identities• Exponentials: Use of formula and rate of change• Laws of logarithms• Logarithmic graphs to estimate parameters• Tangents and normals, area under a curve• Use calculus to find minima• Integration of x^n and related sums, differences and constant multiples• Vectors: addition, subtraction and magnitude, solving problems in pure mathematics <p>Paper 8MA0/21 Statistics</p> <ul style="list-style-type: none">• Histogram and connection to probability distributions• Box and whisker plots• Regression lines; correlation• Discrete probability distributions• Hypothesis testing and significance level Paper 8MA0/22 <p>Mechanics</p>

Maths AS Level

Maths AS Level	2022 Examinations
Changes for 2022	<p data-bbox="300 284 744 316">Paper 8MA0/21 Statistics continued</p> <ul data-bbox="300 339 1031 480" style="list-style-type: none"><li data-bbox="300 339 736 363">• Use and interpret graphs in kinematics<li data-bbox="300 368 566 392">• Constant acceleration<li data-bbox="300 397 723 421">• Variable acceleration in a straight line<li data-bbox="300 426 1031 480">• Dynamics of connected particles moving in a straight line, Newton's laws
Changes to NEA	N/A
Any other advice or comments:	

Maths in Context

Exam board: AQA 1350A

QAN Code: 601/4945/0

<https://www.aqa.org.uk/subjects/mathematics/aqa-certificate/mathematical-studies-1350>

Maths in Context	2022 Examinations
Number of papers	2
Duration and content of papers	2 x 90 minute papers
Changes for 2022	Advanced information June 2022 - Level 3 Certificate Mathematical Studies (1350) (aqa.org.uk) Formula sheet given and topic lists available from Feb 2022
Changes to NEA	N/A
Any other advice or comments:	

Maths Further AS Level

Exam board: Edexcel 8FM0H

QAN Code: 603/1345/6

<https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html>

Maths Further	2022 Examinations
Number of papers	2
Duration and content of papers	1 Pure, 1 Applied
Changes for 2022	<p>For each paper, the lists below show the major focus of the content of the exams. Questions will be drawn from one or more of these areas of the specification content. The aim should still be to cover all specification content in teaching and learning. The information is presented in approximate specification order and not in question order.</p> <p>Paper 8FM0/01 Further Mathematics Core Pure</p> <ul style="list-style-type: none">• Proof by induction• Complex numbers: Loci in the Argand diagram. Knowledge of radians is assumed• Matrices: Solution of three linear simultaneous equations in three variables• Matrix representation of simple transformations in 3-D• The relationship between roots and coefficients of polynomial equations• Understand and use formulae for the sums of integers, squares and cubes and use these to sum other series• Volumes of revolution• Vectors: Straight lines and planes, scalar product <p>Paper 8FM0/21 Further Pure Mathematics 1</p> <ul style="list-style-type: none">• t-formulae• Coordinate systems: The parabola; Simple loci• Vector product: Scalar triple product• Numerical solution of first order differential equations• Solution of algebraic inequalities <p>Paper 8FM0/22 Further Pure Mathematics 2</p> <ul style="list-style-type: none">• Groups; Divisibility tests• Reduction of matrices to a diagonal form• Further loci and regions in the Argand diagram• The Euclidian algorithm; Modular arithmetic; Bezout's identity• The solution of recurrence relations to obtain closed forms

Maths Further AS Level

Maths Further	2022 Examinations
Changes for 2022	Paper 8FM0/23 Further Statistics 1
	<ul style="list-style-type: none">• Discrete probability distributions (mean and variance)• Discrete probability distributions; hypothesis tests• Chi squared test (goodness of fit, binomial)• Chi squared test (contingency table)
	Paper 8FM0/24 Further Statistics 2
	<ul style="list-style-type: none">• Cumulative distribution function and probability density function• Continuous random variables (median, mode and variance)• Continuous random variables (expected value function to include $E(g(X))$)• Product moment correlation coefficient; least squares linear regression• Hypothesis test of rank correlation
	Paper 8FM0/25 Further Mechanics 1
	<ul style="list-style-type: none">• Power, resolving forces• Work-energy, friction, resolving forces• Direct impact, impulse-momentum• Successive direct impacts
Paper 8FM0/26 Further Mechanics 2	
<ul style="list-style-type: none">• Motion in a horizontal circle, friction• Centres of mass, equilibrium (lamina)• Centres of mass, equilibrium (framework)• Variable acceleration of a particle moving in a straight line Paper	
8FM0/27 Decision Mathematics 1	
<ul style="list-style-type: none">• Sorts, minimum spanning tree• Shortest inspection route around a network, Dijkstra's algorithm, language of graphs• Modelling a project from a precedence table• Interpreting and solving a two-variable graphical linear programme	
Paper 8FM0/28 Decision Mathematics 2	
<ul style="list-style-type: none">• Allocation; Hungarian algorithm• Flows in networks: proof of maximum flow, cuts• Game Theory: optimal mixed strategy, stable solution• Solution of first order non-homogeneous recurrence relations	

Physical Education A Level

Exam board: Physical Education AQA 7582

QAN Code: 601/8633/1

<https://www.aqa.org.uk/subjects/physical-education/as-and-a-level/physical-education-7582>

Physical Education	2022 Examinations
Number of papers	2
Duration and content of papers	<p>Paper 1, 2 hours, topics: Section A: Applied anatomy and physiology Section B: Skill acquisition Section C: Sport and society</p> <p>Paper 2, 2 hours, topics: Section A: Exercise physiology and biomechanics Section B: Sport psychology Section C: Sport and society and technology in sport</p> <p>Both papers consist of a mixture of multiple choice/objective test questions, short answer questions and extended answer questions.</p>
Changes for 2022	<p>Information</p> <p>This advance information covers all examined components.</p> <ul style="list-style-type: none">• For each paper the list shows the major focus of the content of the exam.• Topics not explicitly given in the list may appear in multiple-choice questions, low tariff questions or via synoptic questions. Synoptic questions are those that bring together knowledge, skills and understanding from across the specification.• It is not permitted to take this advance information into the examination. <p>Advice</p> <p>Students and teachers should consider how to focus their revision of other non-listed parts of the specification, which may be tested in lower mark questions.</p> <ul style="list-style-type: none">• Students and teachers should consider how to focus their revision of other non-listed parts of the specification, for example to review whether other topics may provide knowledge which helps understanding in relation to the areas being tested in 2022.• Students will be credited for using any relevant knowledge from any non-listed topic areas when answering questions.• Students will still be expected to apply their knowledge.

Physical Education A Level

Physical Education	2022 Examinations
Changes for 2022	<ul style="list-style-type: none">• Students will be expected to draw on knowledge, skills and understanding from across the specification when responding to synoptic questions. <p>Focus of the June 2022 exam The major focus of the June 2022 exam will be as follows.</p> <p>Paper 1: Factors affecting participation in physical activity and sport</p> <p>3.1.1.6 Energy systems</p> <ul style="list-style-type: none">• Energy transfer during short duration/high intensity exercise.• Energy transfer during long duration/lower intensity exercise.• Impact of specialist training methods on energy systems. <p>3.1.2.2 Impact of skill classification on structure of practice for learning</p> <ul style="list-style-type: none">• Types of practice. <p>3.1.2.3 Principles and theories of learning and performance</p> <ul style="list-style-type: none">• Stages of learning and how feedback differs between the different stages of learning.• Learning plateau. <p>3.1.3.1.2 Industrial and post-industrial (1780–1900)</p> <ul style="list-style-type: none">• Characteristics and impact on sport (limited to development of association football, lawn tennis, rationalisation of track and field events and the role of the Wenlock Olympian Games). <p>3.1.3.2.1 Sociological theory applied to equal opportunities</p> <ul style="list-style-type: none">• The interrelationship between Sport England, local and national partners to increase participation at grass roots level and under represented groups in sport. <p>3.2.1.1 Diet and nutrition and their effect on physical activity and performance</p> <ul style="list-style-type: none">• Positive and negative effects of dietary supplements/manipulation on the performer. <p>3.2.3.1.10 Importance of goal setting</p> <ul style="list-style-type: none">• Principles of effective goal setting.

Physical Education A Level

Physical Education	2022 Examinations
Changes for 2022	<p data-bbox="296 292 1037 352">Paper 2: Factors affecting optimal performance in physical activity and sport</p> <p data-bbox="296 376 1037 432">3.2.1.2 Preparation and training methods in relation to maintaining physical activity and performance</p> <ul data-bbox="296 437 1037 488" style="list-style-type: none">• Understanding of the key terms relating to laboratory conditions and field tests. <p data-bbox="296 517 904 544">3.2.1.3 Injury prevention and the rehabilitation of injury</p> <ul data-bbox="296 549 936 600" style="list-style-type: none">• Understanding different methods used in injury prevention, rehabilitation and recovery. <p data-bbox="296 628 568 655">3.2.2.5 Projectile motion</p> <ul data-bbox="296 660 900 687" style="list-style-type: none">• Factors affecting horizontal displacement of projectiles. <p data-bbox="296 716 561 743">3.2.2.6 Fluid mechanics</p> <ul data-bbox="296 748 874 775" style="list-style-type: none">• The Bernoulli principle applied to sporting situations. <p data-bbox="296 804 493 831">3.2.3.1.2 Attitudes</p> <ul data-bbox="296 836 482 863" style="list-style-type: none">• Triadic model <p data-bbox="296 892 600 919">3.2.3.1.11 Attribution theory</p> <ul data-bbox="296 924 1037 975" style="list-style-type: none">• Strategies to avoid learned helplessness leading to improvements in performance. <p data-bbox="296 1003 721 1031">3.2.3.1.12 Self-efficacy and confidence</p> <ul data-bbox="296 1035 673 1062" style="list-style-type: none">• Bandura's Model of self-efficacy. <p data-bbox="296 1091 530 1118">3.2.3.1.13 Leadership</p> <ul data-bbox="296 1123 880 1150" style="list-style-type: none">• Theories of leadership in different sporting situations. <p data-bbox="296 1179 538 1206">3.2.4.3 Ethics in sport</p> <ul data-bbox="296 1211 925 1238" style="list-style-type: none">• Understanding of the key terms relating to ethics in sport. <p data-bbox="296 1267 575 1294">3.2.4.6 Sport and the law</p> <ul data-bbox="296 1299 647 1326" style="list-style-type: none">• The uses of sports legislation. <p data-bbox="296 1355 1037 1410">3.2.4.7 Impact of commercialisation on physical activity and sport and the relationship between sport and the media</p> <ul data-bbox="296 1415 1037 1466" style="list-style-type: none">• The positive and negative impact of commercialisation, sponsorship and the media.

Physical Education A Level

Physical Education	2022 Examinations
Changes for 2022	<p>Moderation visits are planned as normal, however, we recommend that you collect video evidence of your students' performances wherever possible.</p> <ul style="list-style-type: none">• Supplementary forms of assessment evidence will be accepted.
Changes to NEA	<ol style="list-style-type: none">1. There are no planned changes to the performance analysis element of the NEA.2. We recognise that it has been difficult for students to demonstrate competitive situations in some sports. For summer 2022 we will be accepting supplementary forms of evidence to help support assessments.
Any other advice or comments:	

Physics A Level

Exam board: Physics OCR A H556

QAN Code: 601/4743/X

<https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/>

Physics	2022 Examinations
Number of papers	3
Duration and content of papers	H556-01 Modelling physics 100 marks 2 hours 15 minutes (37%) H556-02 Exploring physics 100 marks 2 hours 15 minutes (37%) H556-03 Unified physics 70 marks 1 hour 30 minutes (26%)
Changes for 2022	<ul style="list-style-type: none">• For each paper the list shows the major focus of the content of the exam.• Students are advised that content not listed may appear on the question paper.• The aim should still be to cover all specification content in teaching and learning.• Students and teachers can discuss this advance information.• The information lists topic areas in rank order, with the areas carrying the highest mark allocations at the top of each list.• Students' responses to individual questions may draw upon other areas of specification content where relevant, and credit will be given for this where appropriate. <p>H556/01</p> <ul style="list-style-type: none">• 5.5 Astrophysics and cosmology (includes practical skills)• 5.1 Thermal physics• 3.2 Forces in action• 3.4 Materials (includes practical skills)• 5.3 Oscillations <p>H556/02</p> <ul style="list-style-type: none">• 4.4 Waves• 6.4 Nuclear and particle physics• 6.5 Medical imaging• 4.5 Quantum physics (includes practical skills)• 6.3 Electromagnetism (includes practical skills)• 6.1 Capacitors• 6.2 Electric fields

Physics A Level

Physics	2022 Examinations
Changes for 2022	H556/03 <ul style="list-style-type: none">• 4.4 Waves (includes practical skills)• 5.3 Oscillations (includes practical skills)• 6.1 Capacitors• 6.4 Nuclear and particle physics (includes practical skills)• 3.2 Forces in action• 5.2 Circular motion• 5.5 Astrophysics and cosmology
Changes to NEA	N/A
Any other advice or comments:	

Physics AS Level

Exam board: Physics OCR A H156

QAN Code: 601/4742/8

<https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/>

Physics	2022 Examinations
Number of papers	2
Duration and content of papers	H156-01 1hour 30 minutes H156-02 1hour 30 minutes
Changes for 2022	<ul style="list-style-type: none">For each paper the list shows the major focus of the content of the exam.Students are advised that content not listed may appear on the question paper.The aim should still be to cover all specification content in teaching and learning.Students and teachers can discuss this advance information.The information lists topic areas in rank order, with the areas carrying the highest mark allocations at the top of each list.Students' responses to individual questions may draw upon other areas of specification content where relevant, and credit will be given for this where appropriate. <p>H156/01</p> <ul style="list-style-type: none">4.4 Waves (includes practical skills)4.5 Quantum physics (includes practical skills)4.2 Energy, power and resistance3.1 Motion4.3 Electrical circuits3.5 Newton's laws of motion and momentum3.4 Materials (includes practical skills) <p>H156/02</p> <ul style="list-style-type: none">3.2 Forces in action (includes practical skills)3.1 Motion (includes practical skills)4.4 Waves (includes practical skills)
Changes to NEA	N/A
Any other advice or comments:	

Psychology A Level

Exam board: AQA Psychology 7182

<https://www.aqa.org.uk/subjects/psychology/as-and-a-level/psychology-7181-7182>

Psychology	2022 Examinations
Number of papers	3
Duration and content of papers	<p>Paper 1: Introductory Topics in Psychology. (Memory, Attachment, Social Influence, Psychopathology)</p> <p>Paper 2: Psychology in Context (Approaches in Psychology, Research Methods, Biopsychology)</p> <p>Paper 3: Issues and Options in Psychology (Issues & Debates, Schizophrenia, Relationships, Forensic Psychology)</p>
Changes for 2022	<ul style="list-style-type: none">• The aim should still be to cover all specification content in teaching and learning.• Students and teachers should consider how to focus their revision of other non-listed parts of the specification, for example to review whether other topics may provide knowledge which helps understanding in relation to the areas being tested in 2022.• Students will be expected to draw on knowledge, skills and understanding from across the specification when responding to synoptic questions and extended writing.• Students will be credited for using any relevant knowledge from any non-listed topic areas when answering questions. <p>Focus of the June 2022 exam</p> <p>7182/1 Paper 1 Introductory topics in Psychology</p> <p>4.1.1 Social Influence</p> <ul style="list-style-type: none">• Explanations for obedience: agentic state and legitimacy of authority, and situational variables affecting obedience including proximity and location, as investigated by Milgram, and uniform. Dispositional explanation for obedience: the Authoritarian Personality.• Explanations of resistance to social influence, including social support and locus of control.• Minority influence including reference to consistency, commitment and flexibility.

Psychology A Level

Psychology	2022 Examinations
Changes for 2022	<p data-bbox="296 284 977 316">7182/1 Paper 1 Introductory topics in Psychology cont.</p> <p data-bbox="296 339 445 363">4.1.2 Memory</p> <ul data-bbox="296 371 1022 603" style="list-style-type: none"><li data-bbox="296 371 1022 451">• The multi-store model of memory: sensory register, short-term memory and long-term memory. Features of each store: coding, capacity and duration.<li data-bbox="296 459 1022 539">• The working memory model: central executive, phonological loop, visuo-spatial sketchpad and episodic buffer. Features of the model: coding and capacity.<li data-bbox="296 547 1022 603">• Improving the accuracy of eyewitness testimony, including the use of the cognitive interview. <p data-bbox="296 627 484 651">4.1.3 Attachment</p> <ul data-bbox="296 659 1022 978" style="list-style-type: none"><li data-bbox="296 659 1022 683">• Animal studies of attachment: Lorenz and Harlow.<li data-bbox="296 691 1022 770">• Explanations of attachment: learning theory and Bowlby's monotropic theory. The concepts of a critical period and an internal working model.<li data-bbox="296 778 1022 858">• Ainsworth's 'Strange Situation'. Types of attachment: secure, insecure-avoidant and insecure-resistant. Cultural variations in attachment, including van Ijzendoorn.<li data-bbox="296 866 1022 914">• Bowlby's theory of maternal deprivation. Romanian orphan studies: effects of institutionalisation.<li data-bbox="296 922 1022 978">• The influence of early attachment on childhood and adult relationships, including the role of an internal working model. <p data-bbox="296 1002 546 1026">4.1.4 Psychopathology</p> <ul data-bbox="296 1034 1022 1297" style="list-style-type: none"><li data-bbox="296 1034 1022 1114">• Definitions of abnormality, including deviation from social norms, failure to function adequately, statistical infrequency and deviation from ideal mental health.<li data-bbox="296 1121 1022 1233">• The behavioural approach to explaining and treating phobias: the two-process model, including classical and operant conditioning; systematic desensitisation, including relaxation and use of hierarchy; flooding.<li data-bbox="296 1241 1022 1297">• The biological approach to explaining and treating OCD: genetic and neural explanations; drug therapy.

Psychology A Level

Psychology	2022 Examinations
Changes for 2022	<p data-bbox="296 268 759 300">7182/2 Paper 2 Psychology in context</p> <ul data-bbox="296 323 1016 703" style="list-style-type: none"><li data-bbox="296 323 1016 496">• Learning approaches: i) the behaviourist approach, including classical conditioning and Pavlov's research, operant conditioning, types of reinforcement and Skinner's research; ii) social learning theory including imitation, identification, modelling, vicarious reinforcement, the role of mediational processes and Bandura's research.<li data-bbox="296 499 1016 616">• The psychodynamic approach: the role of the unconscious, the structure of personality, that is Id, Ego and Superego, defence mechanisms including repression, denial and displacement, psychosexual stages.<li data-bbox="296 619 1016 703">• Humanistic Psychology: free will, self-actualisation and Maslow's hierarchy of needs, focus on the self, congruence, the role of conditions of worth. The influence on counselling Psychology. <p data-bbox="296 727 630 754">2.1 Approaches in Psychology</p> <p data-bbox="296 758 822 785">The basic assumptions of the following approaches:</p> <p data-bbox="296 809 521 836">4.2.2 Biopsychology</p> <ul data-bbox="296 839 1034 1190" style="list-style-type: none"><li data-bbox="296 839 1034 895">• The divisions of the nervous system: central and peripheral (somatic and autonomic).<li data-bbox="296 898 1034 983">• The structure and function of sensory, relay and motor neurons. The process of synaptic transmission, including reference to neurotransmitters, excitation and inhibition.<li data-bbox="296 986 1034 1070">• Localisation of function in the brain and hemispheric lateralisation: motor, somatosensory, visual, auditory and language centres; Broca's and Wernicke's areas, split brain research.<li data-bbox="296 1074 1034 1101">• Plasticity and functional recovery of the brain after trauma.<li data-bbox="296 1104 1034 1190">• Ways of studying the brain: scanning techniques, including functional magnetic resonance imaging (fMRI); electroencephalogram (EEGs) and event-related potentials (ERPs); post-mortem examinations. <p data-bbox="296 1217 897 1249">7182/3 Paper 3 Issues and options in Psychology</p> <p data-bbox="296 1273 732 1300">4.3.1 Issues and debates in Psychology</p> <ul data-bbox="296 1303 1020 1536" style="list-style-type: none"><li data-bbox="296 1303 1020 1388">• Free will and determinism: hard determinism and soft determinism; biological, environmental and psychic determinism. The scientific emphasis on causal explanations.<li data-bbox="296 1391 1020 1447">• Idiographic and nomothetic approaches to psychological investigation.<li data-bbox="296 1450 1020 1506">• Ethical implications of research studies and theory, including reference to social sensitivity.<li data-bbox="296 1509 1020 1536">• Relationships, Gender or Cognition and Development

Psychology A Level

Psychology	2022 Examinations
Changes for 2022	<p data-bbox="300 268 964 300">7182/3 Paper 3 Issues and options in Psychology cont.</p> <p data-bbox="300 323 508 347">4.3.2 Relationships</p> <ul data-bbox="300 355 1028 587" style="list-style-type: none"><li data-bbox="300 355 1028 499">• Theories of romantic relationships: social exchange theory, equity theory and Rusbult's investment model of commitment, satisfaction, comparison with alternatives and investment. Duck's phase model of relationship breakdown: intra-psychic, dyadic, social and grave dressing phases.<li data-bbox="300 507 1028 587">• Virtual relationships in social media: self-disclosure in virtual relationships; effects of absence of gating on the nature of virtual relationships. <p data-bbox="300 611 441 635">4.3.3 Gender</p> <ul data-bbox="300 643 1034 810" style="list-style-type: none"><li data-bbox="300 643 1034 722">• The role of chromosomes and hormones (testosterone, oestrogen and oxytocin) in sex and gender. Atypical sex chromosome patterns: Klinefelter's syndrome and Turner's syndrome.<li data-bbox="300 730 1034 810">• Cognitive explanations of gender development, Kohlberg's theory, gender identity, gender stability and gender constancy; gender schema theory. <p data-bbox="300 834 667 858">4.3.4 Cognition and Development</p> <ul data-bbox="300 866 1034 1161" style="list-style-type: none"><li data-bbox="300 866 1034 978">• Piaget's theory of cognitive development: schemas, assimilation, accommodation, equilibration, stages of intellectual development. Characteristics of these stages, including object permanence, conservation, egocentrism and class inclusion.<li data-bbox="300 986 1034 1034">• Vygotsky's theory of cognitive development, including the zone of proximal development and scaffolding.<li data-bbox="300 1042 1034 1161">• The development of social cognition: Selman's levels of perspective-taking; theory of mind, including theory of mind as an explanation for autism; the Sally-Anne study. The role of the mirror neuron system in social cognition. <p data-bbox="300 1185 927 1209">4.2.3 Research Methods – No advance information provided</p> <ul data-bbox="300 1217 766 1241" style="list-style-type: none"><li data-bbox="300 1217 766 1241">• Schizophrenia, Eating behaviour or Stress <p data-bbox="300 1265 516 1289">4.3.5 Schizophrenia</p> <ul data-bbox="300 1297 1034 1528" style="list-style-type: none"><li data-bbox="300 1297 1034 1345">• Psychological explanations for schizophrenia: family dysfunction and cognitive explanations, including dysfunctional thought processing.<li data-bbox="300 1353 837 1377">• Drug therapy: typical and atypical antipsychotics.<li data-bbox="300 1385 1034 1441">• Cognitive behaviour therapy and family therapy as used in the treatment of schizophrenia.<li data-bbox="300 1449 990 1473">• Token economies as used in the management of schizophrenia.<li data-bbox="300 1481 1034 1528">• The importance of an interactionist approach in explaining and treating schizophrenia; the diathesis-stress model.

Psychology A Level

Psychology	2022 Examinations
Changes for 2022	<p data-bbox="300 280 964 316">7182/3 Paper 3 Issues and options in Psychology cont.</p> <p data-bbox="300 336 546 363">4.3.6 Eating behaviour</p> <ul data-bbox="300 368 1025 655" style="list-style-type: none"><li data-bbox="300 368 1025 451">• Explanations for food preferences: the evolutionary explanation, including reference to neophobia and taste aversion; the role of learning in food preference, including social and cultural influences.<li data-bbox="300 456 1025 568">• Psychological explanations for anorexia nervosa: family systems theory, including enmeshment, autonomy and control; social learning theory, including modelling, reinforcement and media; cognitive theory, including distortions and irrational beliefs.<li data-bbox="300 572 1025 655">• Psychological explanations for obesity, including restraint theory, disinhibition and the boundary model. Explanations for the success and failure of dieting. <p data-bbox="300 683 430 710">4.3.7 Stress</p> <ul data-bbox="300 715 1025 1121" style="list-style-type: none"><li data-bbox="300 715 1025 798">• The physiology of stress, including general adaptation syndrome, the hypothalamic pituitary-adrenal system, the sympathomedullary pathway and the role of cortisol.<li data-bbox="300 802 1025 855">• Sources of stress: life changes and daily hassles. Workplace stress, including the effects of workload and control.<li data-bbox="300 860 1025 943">• Measuring stress: self-report scales (Social Readjustment Ratings Scale and Hassles and Uplifts Scale) and physiological measures, including skin conductance response.<li data-bbox="300 948 1025 1094">• Managing and coping with stress: drug therapy (benzodiazepines, beta blockers), stress inoculation therapy and biofeedback. Gender differences in coping with stress. The role of social support in coping with stress; types of social support, including instrumental, emotional and esteem support.<li data-bbox="300 1099 1025 1121">• Aggression, Forensic Psychology or Addiction <p data-bbox="300 1149 484 1176">4.3.8 Aggression</p> <ul data-bbox="300 1181 1025 1441" style="list-style-type: none"><li data-bbox="300 1181 1025 1264">• Neural and hormonal mechanisms in aggression, including the roles of the limbic system, serotonin and testosterone. Genetic factors in aggression, including the MAOA gene.<li data-bbox="300 1268 1025 1351">• Media influences on aggression, including the effects of computer games. The role of desensitisation, disinhibition and cognitive priming.<li data-bbox="300 1356 1025 1441">• Offender profiling: the top-down approach, including organised and disorganised types of offender; the bottom-up approach, including investigative Psychology; geographical profiling.

Psychology A Level

Psychology	2022 Examinations
Changes for 2022	<p>7182/3 Paper 3 Issues and options in Psychology cont.</p> <ul style="list-style-type: none">Psychological explanations of offending behaviour: Eysenck's theory of the criminal personality; cognitive explanations; level of moral reasoning and cognitive distortions, including hostile attribution bias and minimalisation; differential association theory; psychodynamic explanations. <p>4.3.9 Forensic Psychology</p> <p>4.3.10 Addiction</p> <ul style="list-style-type: none">Risk factors in the development of addiction, including genetic vulnerability, stress, personality, family influences and peers.The application of the following theories of behaviour change to addictive behaviour; the theory of planned behaviour and Prochaska's six-stage model of behaviour change.
Changes to NEA	N/A
Any other advice or comments:	Students need to ensure that they are revising Year 12 material and practising exam questions regularly. This is the best preparation for whatever adjustments are made.

Religious Studies A Level

Exam board: Eduqas Option A

QAN Code: 601/8700/1

<https://www.eduqas.co.uk/qualifications/religious-studies-as-a-level>

Religious Studies	2022 Examinations
Number of papers	3
Duration and content of papers	<p>Paper 1: Christianity - 2 hours on 9.6.2022 (am)</p> <p>Paper 2: Philosophy - 2 hours on 14.6.2022 (am)</p> <p>Paper 3: Ethics - 2 hours on 21.6.2022 (am)</p>
Changes for 2022	<p>There are no changes to the number and duration of papers however the exam board has released the following information about the content of the questions:</p> <p>Paper 1 Christianity - 2 hours on 9.6.2022 (am)</p> <p>Section A: questions in this section will be taken from Theme1 Religious figures and sacred texts</p> <p>Section B: questions from this section will be taken from any three of the following six sub-themes:</p> <p>Theme 2A: Religious concepts – the nature of God Theme 2B: Religious concepts – the Trinity</p> <p>Theme 2C: Religious concepts – the Atonement</p> <p>Theme 2D: Religious life – faith and works</p> <p>Theme 3C: The relationship between religion and society: religion, equality and discrimination</p> <p>Theme 3D: The relationship between religion and society: respect and recognition and the ways that religious traditions view other religions and non-religious worldviews and their truth claims. Historical developments in religious thought – challenges from secularisation.</p> <p>Paper 2: Philosophy - 2 hours on 14.6.2022 (am)</p> <p>Section A: questions in this section will be taken from Theme 4: Religious language</p> <p>Section B: questions from this section will be taken from any three of the following six sub-themes:</p> <p>Theme 1D: Deductive arguments – origins of the ontological argument</p> <p>Theme 1E: Deductive arguments – developments of the ontological argument</p>

Religious Studies A Level

Religious Studies	2022 Examinations
Changes for 2022	<p>Theme 2D: Religious belief as a product of the human mind – Sigmund Freud</p> <p>Theme 2E: Religious belief as a product of the human mind – Carl Jung</p> <p>Theme 3E: Miracles (the definitions of)</p> <p>Theme 3F: A comparative study of two key scholars from within and outside the Christian tradition and their contrasting views on the possibility of miracles</p> <p>Paper 3: Ethics - 2 hours on 21.6.2022 (am)</p> <p>Section A: questions in this section will be taken from Theme 1: Ethical Thought</p> <p>Section B: questions from this section will be taken from any three of the following six sub-themes:</p> <p>Theme 2A: St Thomas Aquinas' Natural Law – laws and precepts as the basis of morality</p> <p>Theme 2C: Aquinas' Natural Law – application of the theory</p> <p>Theme 3E: John Stuart Mill's development of Utilitarianism – types of pleasure, the harm principle and the use of rules</p> <p>Theme 3F: Bentham's Act Utilitarianism and Mill's Rule Utilitarianism – application of the theory</p> <p>Theme 4B: Concepts of determinism</p> <p>Theme 4C: The implications of predestination / determinism</p>
Changes to NEA	N/A
Any other advice or comments:	<p>Revision guides are available online:</p> <p>https://www.amazon.co.uk/My-Revision-Notes-Religious-Religion/dp/1510450513</p> <p>OR</p> <p>https://www.illuminatepublishing.com/product-category/religious-studies</p>

Sociology A Level

Exam board: Spanish AQA 7192

QAN Code: 601/3994/8

<https://www.aqa.org.uk/subjects/sociology/as-and-a-level/sociology-7191-7192/changes-for-2022>

Sociology	2022 Examinations
Number of papers	3
Duration and content of papers	<p>Paper 1: Education with Theory and Methods 2 hour written exam, 80 marks, 33.3% of A-level</p> <ul style="list-style-type: none">• Education: short answer and extended writing, 50 marks• Methods in Context: extended writing, 20 marks• Theory and Methods: extended writing, 10 marks <p>Paper 2: Topics in Sociology 2 hour written exam, 80 marks, 33.3% of A-level</p> <ul style="list-style-type: none">• Section A (Culture & Identity): extended writing, 40 marks• Section B (Stratification & Differentiation): extended writing, 40 marks <p>Paper 3: Crime and Deviance with Theory and Methods 2 hour written exam, 80 marks, 33.3% of A-level</p> <ul style="list-style-type: none">• Crime and Deviance: short answer and extended writing, 50 marks• Theory and Methods: extended writing, 30 marks
Changes for 2022	<p>To help students focus their exam preparation, there has been advanced information on what exams will cover from AQA.</p> <ul style="list-style-type: none">• For each paper, the list shows the major focus of the content of the high tariff questions, worth 20 marks or more, with the exception of questions where Methods in Context is assessed.• Advance information is not provided on Methods in Context.• Content not explicitly given in the list may appear in lower tariff questions or via questions which require students to draw out links with other content studied in the specification.• Students will be credited for using any relevant knowledge from any non-listed content areas when answering questions.• Students will still be expected to apply their knowledge to unfamiliar situations.• Students will be expected to draw out links with other content studied in this specification.

Sociology A Level

Sociology	2022 Examinations
Changes for 2022	<p>The major focus of the June 2022 exam will be as follows:</p> <p>Paper 1: Education with Theory and Methods</p> <p>The significance of educational policies, including problems of selection, marketisation and privatisation, and policies to achieve greater equality of opportunity or outcome, for an understanding of the structure, role, impact and experience of and access to education; the impact of globalisation on educational policy.</p> <p>Paper 2: Topics in Sociology</p> <p>Culture and Identity</p> <ul style="list-style-type: none">• Different conceptions of culture, including subculture, mass culture, folk culture, high and low culture, popular culture and global culture. <p>Stratification and Differentiation</p> <ul style="list-style-type: none">• Stratification and differentiation by social class, gender, ethnicity and age. <p>Paper 3: Crime and Deviance with Theory and Methods</p> <p>Crime and Deviance</p> <ul style="list-style-type: none">• Crime, deviance, social order and social control. <p>Theory and Methods</p> <ul style="list-style-type: none">• Consensus, conflict, structural and social action theories.
Changes to NEA	N/A
Any other advice or comments:	The format and wording of the questions will remain exactly the same, as will the mark schemes for each question. The specification content for each individual topic will also remain the same.

Spanish A Level

Exam board: Spanish AQA 7692

QAN Code: 601/8732/3

<https://www.aqa.org.uk/subjects/languages/as-and-a-level/spanish-7692>

Spanish	2022 Examinations
Number of papers	3
Duration and content of papers	Paper 1: 50% of A Level grade Listening, Reading, Writing – 2 hours 30 minutes Paper 2: 20% of A Level grade Writing - 2 hours Paper 3: 30% of A Level grade Speaking - 5 minutes of preparation time, 21 - 23 minutes of examination
Changes for 2022	In order to support students in focusing their exam preparation, there will be advance information from AQA on which elements of the subthemes will appear in Papers 1 and 3. There will not be any advance information for Paper 2.
Changes to NEA	N/A
Any other advice or comments:	Advance information will be available by 7 February 2022 on the AQA website. https://filestore.aqa.org.uk/content/summer-2022/AQA-7692-AI-22.PDF



Exam Guide
2022

Changes for A Level Students
Updated February 2022