

The  
**Emmbrook**  
Sixth

**Year 12 End of year exams 2022**

**Subject – exam summary**

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Fine Art**

**Exam board: AQA**

**Number of exams: 1**

**Length of exam: 2 hours**

### Exam information:

This assessment will be based on assessment objective one: *Develop ideas through sustained and focused investigations informed by contextual and other sources, demonstrating analytical and critical understanding.*

Students will be creating Artist/Designer/Maker research pages in their assessment time. They will need to undertake research prior to the assessment and bring this with them to use in the assessment.

Prior research needs to be in-depth and show students understanding. This could consist of:

- Images of the Artist/Designer/Maker's work.
- Information which gives greater understanding of historical/social/moral/political context of work (why it was made it, when it was made it, what influenced it)
- Any interviews the Artist/Designer/Maker has given.
- Excerpts from essays, articles or books written about the Artist/Designer/Maker and their work.
- Screen shots and your own notes of films/documentaries/tv shows/podcasts about the Artist/Designer/Maker and their work.

### Any other information:

Fine Art and Graphic communications exams will be 2 hours each-if you study both subjects, you will be sitting both exams on the same date, AM and PM.

You will need to bring your research materials with you.

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: BIOLOGY**

**Exam board: OCR**

**Number of exams: 2**

**Length of exam: each 1.5 hrs**

### **Exam information 1:**

Paper name: **Breadth in Biology**

Paper unit/topic content: **70 marks (includes 20 multiple choice) – Foundations in Biology; Exchange and transport; Biodiversity evolution and disease**

Paper revision materials/resources: **resources are available on Teams and Sharepoint; Revison/textbooks; also use Youtube (eg Bozeman; FreeScienceLesssons), Seneca, physicsandmathstutor.com, Snaprevise and clinic.**

### **Exam information 2:**

Paper name: **Depth in Biology**

Paper unit/topic content: **70 marks - Foundations in Biology; Exchange and transport; Biodiversity evolution and disease**

Paper revision materials/resources: **resources are available on Teams and Sharepoint; Revison/textbooks; also use Youtube (eg Bozeman; FreeScienceLesssons), Seneca, physicsandmathstutor.com, Snaprevise and clinic.**

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Business**

**Exam board: Edexcel**

**Number of exams: 2**

**Length of exam :** Both 90 mins

### **Exam information 1:**

Theme 1 – pupils have been emailed a list of topics, week beginning 17<sup>th</sup> May

### **Exam information 2:**

Theme 2 – pupils have been emailed a list of topics, week beginning 17<sup>th</sup> May

### **Any other information:**

Each paper is worth 80 marks.

All revision materials and lesson power points are on teams.

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: CHEMISTRY**

**Exam board: OCR**

**Number of exams: 2**

**Length of exam: each 1.5 hrs**

### **Exam information 1:**

Paper name: **Breadth in Chemistry**

Paper unit/topic content: **70 marks (includes 20 multiple choice) – Foundations in Chemistry; the Periodic Table and energy; Core Organic Chemistry**

Paper revision materials/resources:

### **Exam information 2:**

Paper name: **Depth in Chemistry**

Paper unit/topic content: **70 marks - Foundations in Chemistry; the Periodic Table and energy; Core Organic Chemistry**

Paper revision materials/resources: **Teams; Revison/textbooks; Youtube (MAChem guy; Bozeman; FreeScienceLessons)**

# Year 12 – June 2022 - End of Year Exams

## Key exam information

**Subject: Computer Science**

**Number of exams: 2**

**Length of exam (max. 3 hrs): 1 hour 15 minutes**

### Exam information 1:

Paper name: Paper1

Paper unit/topic content:

- The characteristics of contemporary processors
- Input, output and storage devices
- Software and software development
- Programming
- Exchanging data
- Data types, data structures and algorithms

Paper revision materials/resources:

- Craig n Dave revision videos
- Isaac Computing
- Revision Lesson resources on Teams
- Revision Resources on SMHW
- Textbook

### Exam information 2:

Paper name: Paper 2

Paper unit/topic content:

- Elements of computational thinking
- Problem solving and programming
- Algorithms

Paper revision materials/resources: As for Paper 1

**Additional Information:** There are more details regarding content on the content documents sent by email to every student.

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Economics**

**Exam board: AQA**

**Number of exams: 2**

**Length of exam: 2hrs (105 marks)**

### **Exam information 1:**

Paper name: Micro

Paper unit/topic content: Basic Economic principles, Behaviour Economics, Supply and Demand, Elasticities, Costs and Revenue

### **Exam information 2:**

Paper name: Macro

Paper unit/topic content: Measurement of macroeconomic performance, Aggregate Demand, Aggregate Supply, Economic growth and the economic cycle, Employment and Unemployment, Inflation and Deflation, Balance of Payments, Policy objective conflicts, Fiscal Policy, Monetary Policy, Supply-Side Policy

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: English Literature**

**Exam board: AQA**

**Number of exams: 1**

**Length of exam:3h**

### **Exam information 1:**

Paper name: Paper 1 – Love Through the Ages

Paper unit/topic content: Othello / Unseen poetry / Comparison question (Poetry Love through the Ages and The Great Gatsby)

Paper revision materials/resources:

Massolit

e-mag resources

TEAMS

### **Exam information 2:**

Paper name:

Paper unit/topic content:

Paper revision materials/resources:



# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Further Mathematics**

**Exam board: AQA**

**Number of exams: 2**

**Length of exam: Paper 1 – 90 minutes. Paper 2 – 90 minutes.**

### Exam information 1:

Paper name: Pure

Paper unit/topic content: Any pure content could be examined in the first part of the paper..

Pure content is: complex numbers including polynomial equations and geometry, roots of polynomials, inequalities, summing series including method of differences, proof by induction, Maclaurin series, linear and quadratic rational functions, polar coordinates, conic sections, hyperbolic functions, mean values, volumes of revolution, properties and arithmetic of matrices, matrix transformations, systems of linear equations, vector equations of lines, the scalar product, finding distances using vectors.

Paper revision materials/resources: assessment sections at end of textbook chapters, past papers on AQA website.

### Exam information 2:

Paper name: Discrete and Mechanics

Candidates will have both discrete and mechanics papers on their desks and will have 90 minutes to complete them both.

Paper unit/topic content:

Mechanics content is work energy and power, Hooke's Law, dimensional analysis, conservation of momentum and coefficient of restitution in collisions, impulse circular motion

Paper revision materials/resources: assessment sections at end of textbook chapters, past papers on AQA website.

### Any other information:

Paper 1 will be out of 80

Paper 2 mechanics will be out of 40; Paper 2 discrete will be out of 40

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Geography**

**Exam board: OCR**

**Number of exams: 2**

### **Length of exam (max. 2.5 hrs):**

Exam 1: 1 hour 30 minutes

Exam 2: 2 hours 30 minutes

### **Exam information 1:**

Paper name: Physical and Human Geography

Paper unit/topic content: Coastal Landscapes and Changing Spaces; Making Places

Paper revision materials/resources: Teams

### **Exam information 2:**

Paper name: Geographical Debates

Paper unit/topic content: Disease Dilemmas and Hazardous Earth

Paper revision materials/resources: Teams

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Graphic Communication**

**Exam board: AQA**

**Number of exams: 1**

**Length of exam: 2 hours**

### Exam information:

This assessment will be based on assessment objective one: *Develop ideas through sustained and focused investigations informed by contextual and other sources, demonstrating analytical and critical understanding.*

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Prior research needs to be in-depth and show students understanding. This could consist of:

- Images of the Artist/Designer/Maker's work.
- Information which gives greater understanding of historical/social/moral/political context of work (why it was made it, when it was made it, what influenced it)
- Any interviews the Artist/Designer/Maker has given.
- Excerpts from essays, articles or books written about the Artist/Designer/Maker and their work.
- Screen shots and your own notes of films/documentaries/tv shows/podcasts about the Artist/Designer/Maker and their work.

### Any other information:

Fine Art and Graphic communications exams will be 2 hours each-if you study both subjects, you will be sitting both exams on the same date, AM and PM.

You will need to bring your research materials with you.

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Mathematics**

**Exam board: AQA**

**Number of exams: 2**

**Length of exam: Paper 1 – 90 minutes. Paper 2 – 90 minutes.**

### **Exam information 1:**

Paper name: Pure and Mechanics

Paper unit/topic content: Any pure content could be examined in the first part of the paper. The second section will examine mechanics.

Pure content is proof, indices, surds, quadratics including discriminant, equations of lines and circles, simultaneous equations, inequalities, binomial expansions, algebraic division/grid method/equating coefficients, curve sketching, trigonometry including sine and cosine rules, differentiation including first principles and applications, integration including area under a curve, logs and exponentials including curve fitting.

Mechanics content is vectors, units and kinematics including graphs, SUVAT and variable acceleration, forces, motion under gravity and connected particles.

Paper revision materials/resources: Bundle of practice papers and revision materials sold to students in September, past papers on AQA website.

### **Exam information 2:**

Paper name: Pure and Statistics

Paper unit/topic content: Any pure content could be examined in the first part of the paper. The second section will examine statistics.

Pure content is proof, indices, surds, quadratics including discriminant, equations of lines and circles, simultaneous equations, inequalities, binomial expansions, algebraic division/grid method/equating coefficients, curve sketching, trigonometry including sine and cosine rules, differentiation including first principles and applications, integration including area under a curve, logs and exponentials including curve fitting.

Statistics content is sampling methods, measures of central tendency and spread, statistical diagrams, probability, discrete probability distributions, binomial distribution, binomial hypothesis testing.

Paper revision materials/resources: Bundle of practice papers and revision materials sold to students in September, past papers on AQA website.

### **Any other information:**

Paper 1 will be out of 80

Paper 2 will be out of 80

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Media Studies A-Level**

**Exam board: Eduqas**

**Number of exams: 1**

**Length of exam: 2 hours 15 minutes**

### Exam information 1:

Paper name: A Level Component 1 - Media Products, Industries and Audiences

Paper unit/topic content:

- Advertising (Media Language, Representation)
- Newspapers (Media Language, Representation, Context, Industry & Audience) - *The Times, The Daily Mirror*
- Video Games (Industry & Audience) - *The Assassin's Creed Franchise*

Paper revision materials/resources:

All revision materials available on TEAMS.

Students have access to all resources on Media Magazine online.

Students have their own copies of the WJEC/Eduqas Revision Guide (A Level Year 1)

### Exam information 2:

Paper name:

Paper unit/topic content:

Paper revision materials/resources:

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: PE**

**Exam board: AQA**

**Number of exams: 2**

**Length of exam: 2hrs (105 marks)**

### Exam information 1:

Paper name: Factors affecting participation in physical activity and sport

Paper unit/topic content:

Section A - Anatomy and physiology

Section B - Acquisition of skill

Section C - Sport and society

Paper revision materials/resources: Teams lessons, AQA textbook and revision guide, lesson worksheets and hand outs

Course companions / Learning grids / Topic on a page resources

### Exam information 2:

Paper name: Factors affecting optimal performance in physical activity and sport

Paper unit/topic content:

Section A - Exercise physiology and biomechanics

Section B - Sport psychology

Paper revision materials/resources: Teams lessons, AQA textbook and revision guide, lesson worksheets and hand outs

Course companions / Learning grids / Topic on a page resources

### Any other information:

Paper 1 will be out of 105 marks (35 marks for each topic)

Paper 2 will be out of 105 marks (52 and 53 marks for each topic, respectively) \*

\* note this is because the 3<sup>rd</sup> topic; 'the role of technology in physical activity and sport', has not yet been taught.

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Physics**

**Exam board: OCR**

**Number of exams: 2**

**Length of exam: 90 minutes**

### Exam information 1:

Paper name: Breath in physics

Paper unit/topic content:

- Foundations of physics
- Practical skills
- Forces and Motion
- Electrons, waves and photons

Paper revision materials/resources:

- Emmbrook Science SharePoint site
- TEAMS
- OCR physics A textbook (used in class)
- OCR Revision guide
- [www.Physicsandmathstutor.com](http://www.Physicsandmathstutor.com)
- [www.Alevelphysicsonline.com](http://www.Alevelphysicsonline.com)
- <https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/assessment/>
- Seneca online learning platform

### Exam information 2:

Paper name: Depth in physics

Paper unit/topic content:

- Foundations of physics
- Practical skills
- Forces and Motion
- Electrons, waves and photons

Paper revision materials/resources:

- Emmbrook Science SharePoint site
- TEAMS – all lessons, revision materials and past papers
- OCR physics A textbook (used in class)
- OCR Revision guide
- [www.Physicsandmathstutor.com](http://www.Physicsandmathstutor.com)
- [www.Alevelphysicsonline.com](http://www.Alevelphysicsonline.com)
- <https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/assessment/>
- Seneca online learning platform

# Year 12 – June 2022 - End of Year Exams

## Key exam information

**Subject: Politics A level**

**Number of exams: 1**

**Length of exam (max. 3 hrs): 2 hours**

**Exam information 1:**

Paper name: Paper 1: UK Politics and Core Political Ideas

Paper unit/topic content: Section A - UK Democracy and Participation, UK Electoral Systems, UK political parties, Voting Behaviour and the Media. Section B – Core ideologies: Socialism, Liberalism and Conservatism.

Paper revision materials/resources:

[https://emmbrookwokinghamschuk.sharepoint.com/sites/Section\\_2021-12D-Gp1/Class%20Materials/Forms/AllItems.aspx](https://emmbrookwokinghamschuk.sharepoint.com/sites/Section_2021-12D-Gp1/Class%20Materials/Forms/AllItems.aspx)

A level politics Show podcast

<https://open.spotify.com/show/0pdAY6egNBq0tFOLFjMk7O?si=qYrsNiGgTbKiDum-xVBgmg&nd=1>

### Section A

- 1) Democracy and Participation (this also includes rights protections and pressure groups)
- 2) Electoral Systems (this includes referendums)
- 3) Political Parties
- 4) Voting behaviour and the Media

### Section B

Core ideologies – liberalism, conservatism and socialism

- Use your booklet notes, revision quilts and powerpoints on Teams to help you revise
- Also use the A level Politics Show podcasts on Spotify

Key topics in each 'module' (**you will always need to learn arguments for and against each area of contention AND precise evidence/examples** to support these key arguments for Section A)

### Section A

**D and P** – Pros and cons of representative democracy. Pros and cons of direct democracy. How far is there a participation crisis in the UK? How far is there a democratic deficit in the UK? How can democracy be improved in the UK (pros and cons of each method) Arguments for and against rights being well protected in the UK. **Pressure groups** – pros and cons of different methods groups use. Evaluation of how effective different methods used are – what makes a pressure group successful? How democratic are Pressure groups – are they elitist or pluralist? (arguments for and against) What are the pros and cons of think tanks and the pros and cons of lobbying firms being involved in politics?



**Electoral systems** – learns the pros and cons of each electoral system – FTPT, SV, STV and AMS. Pros and cons of referendums in a representative democracy. Impact of different electoral system on party systems, types of government, voter choice

**Political parties** –How united/divided are the 3 main parties (Con, Lab, Lib Dem). How far Tories One Nation or Thatcherite. How far are Labour moderate- Third Way or Old Labour. How far do political parties follow liberal values. Pros and cons of state funded parties. How far do the two major parties dominate the UK's political system

**Voting Behaviour and the Media** – how far do different forms of media influence how people vote – print newspaper, online news, radio, TV, social. How far do different key factors influence how people vote (use your big A3 summary sheet for this) Think about factors such as age, gender, ethnicity, region, class (social factors) influence voting. Also consider valence issues, party manifestoes, campaigns. **MAKE SURE YOU HAVE KEY EVIDENCE FROM 3 DIFFERENT ELECTIONS – ONE PRE 1997, 1997 AND ONE AFTER 1997.**

### Section B – Core ideologies

Learn and be able to describe the views of the Key thinkers in each core ideology - **YOU MUST USE WELL-DEVELOPED EXPLANATIONS OF TWO KEY THINKERS' VIEWS IN YOUR REPSONSES TO GET ABOVE A LEVEL 2!**

Learn similarities and differences in views within each ideology around the key thematic areas – Human Nature, Society, the State and the Economy and work out how similar/different views are on these thematic areas. Think about how coherent each ideology is.

### **Timing**

Section A Q1 – 30 mark Source question – Do 1a OR 1b – 45 minutes max

Section A Q2 – 30 mark non-source Essay – Do Q2a or 2b – 40-45 minutes max

Section B – Do one of the two available core ideology qs. 30-35 mins (depending on how long you spent on Q2. 24 marks.)

All ppts, worksheets and potential/past paper questions are on our Team

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject:** PSYCHOLOGY  
**Exam board:** AQA  
**Number of exams:** 1

**Length of exam:** 2 hours

### Exam information 1:

- **Paper name:** Paper 1 – INTRODUCTORY TOPICS IN PSYCHOLOGY
- **Paper unit/topic content:** Paper 1
- **Paper revision materials/resources:** All resources can be found on Teams: student document outlining what to expect on the exam paper, AQA year 1 textbook, PLC's, Topic booklets, Lesson worksheets, handouts and resource document outlining websites to help revision.

### Any other information:

Paper 1 will be out of 96 (each paper will be marked out of 24)

Section A: SOCIAL INFLUENCE

Section B: MEMORY

Section C: ATTACHMENT

Section D: APPROACHES IN PSYCHOLOGY

- **IMPORTANT:** Research methods will be integrated in the paper: Revise all the sections of RM we have covered up to date.

*PLC's and Key revision questions can be found in Teams on the following link:*

- TEAMS – FILES – CLASS MATERIALS: This were you can access the folders for PLC's and July 22 Assessment revision questions

*AQA PSYCHOLOGY WEBSITE LINK:*

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

# Year 12 - End of Year Exams 2022

## Key exam information

**Subject: Sociology**

**Exam board: OCR**

**Number of exams: 2**

**Length of exam: Paper 1 – 90 minutes. Paper 2 – 1 hour**

### **Exam information 1:**

Paper name: Culture, socialisation and identity with families and households

Paper unit/topic content: Section A: Culture, socialisation and identity. Section B: Families and households

Paper revision materials/resources: All lessons on teams. Revision resources on teams. Past papers can be found on OCR website.

### **Exam information 2:**

Paper name: Research Methods

Paper unit/topic content: Research methods and methods in context

Paper revision materials/resources: All lessons on teams. Revision resources on teams. Past papers can be found on OCR website.

### **Any other information:**

Paper 1 will be out of 90 marks (Section A 38 marks, Section B 52 marks)

Paper 2 will be out of 45 marks



AQA	City & Guilds	CCEA	OCR	Pearson	WJEC
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## Warning to Candidates

1. You **must** be on time for all your examinations.
2. **Possession of a mobile phone** or other unauthorised material **is not allowed** - even if you do not intend to use it. You will be subject to penalty and possible disqualification from the exam/qualification.
3. You **must not** talk to, attempt to communicate with or disturb other candidates once you have entered the examination room.
4. You **must** follow the instructions of the invigilator.
5. You **must not** sit an examination in the name of another candidate.
6. You **must not** become involved in any unfair or dishonest practice in any part of the examination.
7. If you are confused about anything, only speak to an invigilator.

# NO MOBILE PHONES SMARTWATCHES MP3/4 PLAYERS

NO POTENTIAL TECHNOLOGICAL/WEB  
ENABLED SOURCES OF INFORMATION



Possession of unauthorised items, such as a mobile phone, is a serious offence and could result in

## **DISQUALIFICATION**

from your examination and your overall qualification.