

---

# YEAR 12 SUMMER ASSESSMENTS

---

23<sup>rd</sup> June – 1<sup>st</sup> July

## Contents

### Subjects

- Art / Photography
- Biology
- Business
- Criminology
- Dance
- Chemistry
- Computer Science
- English
- Geography
- Government and Politics
- History
- Law
- Maths
- Philosophy
- Physics
- Psychology
- Sociology
- 3D Design



## Art / Photography

**Exam Board:** Edexcel Pearson

**Time:** N/A

**Marks:** 100

**Assessment Objectives:** AO1,AO2,AO3,AO4

**Types of Questions:** Practical assessment. **Final outcome in exam conditions**

**Equipment Required:**

**Exam overview:** Your assessment grade will be based on your coursework. You will need to complete an outcome.

**Revision Materials:** N/A

## Biology

**Exam Board:** AQA

**Time:** 2 Hours

**Marks:** 91 marks

**Assessment Objectives:** Assessment Objectives:

- AO1 – Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.
- AO2 – Apply knowledge and understanding of scientific ideas, processes, techniques and procedures in a theoretical and practical context, and when handling data. AO3–Analyse, interpret, and evaluate scientific information, ideas, and evidence, including to make judgments and reach conclusions and develop and refine practical design and procedures.

**Types of Questions:** Multiple choice, Short answer, Extended response

**Equipment Required:** black pen, pencil, ruler, scientific calculator

**Exam overview: All year 12, paper 1 content:**

**Booklet Titles:**

- Biological molecules
- Nucleic Acids, DNA and Proteins
- Digestion and Gas Exchange
- Mass Transport in Animals
- Mass Transport in Plants
- Cell Structure
- Cell Division
- Cell Transport
- Immunity
- Genetics and Evolution
- Diversity and Classification

**Revision Materials:** Lesson resources, revision pack, past paper questions.

## Business

**Exam Board:** Edexcel

**Time:** 2 hours

**Marks:** 100

**Assessment Objectives:**

- AO1 Demonstrate knowledge of terms, concepts, theories, methods and models to show an understanding of how individuals and organisations are affected by and respond to business issues
- AO2 Apply knowledge and understanding to various business contexts to show how individuals and organisations are affected by and respond to issues
- AO3 Analyse issues within business, showing an understanding of the impact on individuals and organisations of external and internal influences
- AO4 Evaluate qualitative and quantitative evidence to make informed judgements and propose evidence-based solutions to business issues

**Types of Questions:**

Short answered questions and long answer questions – typical 4, 10, 12 and 20 mark questions for both sections

**Equipment Required:** black pen, ruler, calculator, pencil

**Exam overview:** Paper 1 will assess marketing, people and global businesses. Questions will be drawn from Themes 1 and 4, and from local, national and global contexts.

**Revision Materials:** Lesson Powerpoints, Textbook, PLCs, Case study booklets

## Criminology

**There will be no criminology exam as students complete their real exam in May**

## Dance

**There will be no exam for Dance**

## Chemistry

**Exam Board:** OCR A

**Time:** 2 x 90 minutes

**Marks:** 2 x 70 marks

**Assessment Objectives:**

- AO1 – Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.
- AO2 – Apply knowledge and understanding of scientific ideas, processes, techniques and procedures in a theoretical and practical context, and when handling data.
- AO3–Analyse, interpret, and evaluate scientific information, ideas, and evidence, including to make judgments and reach conclusions and develop and refine practical design and procedures.

**Types of Questions:** Multiple choice, Short answer, Extended response

**Equipment Required:** black pen, pencil, ruler, scientific calculator

**Exam overview:**

All Year 12 content. Questions could assess knowledge and understanding of the following topics, along with maths skills and practical skills.

- 2.1 Atoms and Moles
- 2.2 Formulae and Equations
- 2.3 Reactions and calculations
- 2.4 Electrons, Bonding, and Structure
- 3.1 The Periodic Table
- 3.2 Physical Chemistry
- 4.1 Basic concepts and hydrocarbons
- 4.2 Alcohols and Haloalkanes
- 4.3 Analysis and organic synthesis

**Revision Materials:** Lesson Powerpoints, Textbook, Past exam questions

## Computer Science

**Exam Board:** OCR

**Time:** 90 minutes

**Marks:** 80 marks

**Assessment Objectives:**

- AO1 Demonstrate knowledge and understanding of the principles and concepts of computer science, including abstraction, logic, algorithms and data representation.
- AO2 Apply knowledge and understanding of the principles and concepts of computer science including to analyse problems in computational terms.

**Types of Questions:** Short and long answer questions

**Equipment Required:** Black/Blue pen

**Exam overview:** Unit 1: Components of a Computer System, Unit 2: System software, Unit 3: Software Development, Unit 4 Exchanging data, Unit 5 Networks

**Revision Materials:** Lesson PowerPoint on SharePoint, Textbooks, Unit Assessments

## English Literature

**Exam Board:** AQA

**Time:** 2 hours

**Marks:** 50 (25 marks for each question)

**Assessment Objectives:**

- AO1 – Articulate informed, personal and creative responses to texts using associated terminology and coherent, accurate expression
- AO2 – Analyse ways in which meanings are shaped in literary texts
- AO3 – Demonstrate understanding of the significance and influence of the contexts in which literary texts are written and received
- AO4 – explore connections across literary texts
- AO5 – Explore literary texts informed by different interpretations

**Types of Questions:** Essay

**Equipment Required:** Black pen, copies of 'A Streetcar Named Desire' and 'The Handmaid's Tale' (provided)

**Exam overview:**

- SECTION A: A question on either 'Othello' or 'Gatsby'
- SECTION B: A question on either 'The Handmaid's Tale' or 'A Streetcar Named Desire'

**Revision Materials:**

- Lesson Powerpoints and notes
- Knowledge Organisers
- Massolit
- Previous essays and teacher feedback
- Assessment and Homework booklets

## Geography

**Exam Board:** AQA

**Time:** 2 hours

**Marks:** 100

**Assessment Objectives:**

- AO1 Knowledge & Understanding (theories, concepts, processes & case studies);
- AO2 synoptic links across units and the course;
- AO3 skills analysing a stimulus material/resource

**Types of Questions:** Types of Questions: 4-mark, 6-mark and 20-mark questions ranging from short paragraphs, analysing sources through to a 20-mark essay

**Equipment Required:** pen, calculator

**Exam overview:** Contemporary Urban Environments (No 20 mark for Urban) and Water & Carbon Systems and Changing Places

**Revision Materials:** Lesson notes, past papers on the intranet, assessment period booklet and homework booklets

## Government and Politics

**Exam Board:** AQA

**Time:** 2 hours

**Marks:** 77

**Assessment Objectives:**

- AO1: Demonstrate knowledge and understanding of political institutions, processes, concepts, theories and issues.
- AO2: Analyse aspects of politics and political information, including in relation to parallels, connections, similarities and differences.
- AO3: Evaluate aspects of politics and political information, including to construct arguments, make substantiated judgements and draw conclusions

**Types of Questions:**

- 3x 9-mark Explain and analyse
- 1x 25-mark Analyse and evaluate this statement
- 1x 25-mark extract- Analyse, evaluate and compare the arguments in the above extracts

**Equipment Required:** A Pen

**Exam overview:**

Paper 1 UK content including: Devolution, Parliament, Role of the Executive, Elections, Parties and Pressure Groups.

**Revision Materials:** Pre-chewed politics, Massolit, knowledge organisers

## History

**Exam Board:** OCR

**Time:** 1 hour 30 mins

**Marks:** 45 marks

**Assessment Objectives:**

- AO1 -Demonstrate, organise and communicate knowledge and understanding to analyse and evaluate the key features related to the periods studied, making substantiated judgements and exploring concepts, as relevant, of cause, consequence, change, continuity, similarity, difference and significance.

**Types of Questions:**

- Paper 1 - Unit 2 – Essay question
- Paper 2 - Unit 3 – Essay question

**Equipment Required:** pen

**Exam overview:**

- Paper 1 - Unit 2 – On essay worth 20 marks from a choice of two. The topic for this will be the Revolutions of 1917. You need to revise the period 1914-1917.
- Paper 2 – Unit 3 – One essay worth 25 marks from a choice of two. The topic will be African-American civil rights 1865-1992.

**Revision Materials:** Use your recommended textbooks alongside your class notes and structured worksheets.

Law
<b>Exam Board:</b> AQA
<b>Time:</b> 2 hours
<b>Marks:</b> 50 marks
<b>Assessment Objectives:</b> <ul style="list-style-type: none"> <li>• AO1: Demonstrate knowledge and understanding of the English legal system and legal rules and principles</li> <li>• AO2: Apply legal rules and principles to given scenarios to present a legal argument using appropriate legal terminology.</li> <li>• AO3: Analyse and evaluate legal rules, principles, concepts and issues.</li> </ul>
<b>Types of Questions:</b> Multi choice <ul style="list-style-type: none"> <li>• MCQ's x5</li> <li>• 5 mark explain questions x1</li> <li>• 5-mark scenario questions x2</li> <li>• 10-mark scenario questions x1</li> <li>• 30-mark questions x2</li> </ul>
<b>Equipment Required:</b> Paper and Pen
<b>Exam overview:</b> <ul style="list-style-type: none"> <li>• Statutory interpretation</li> <li>• Judicial precedent</li> <li>• Parliamentary law making</li> <li>• Delegated legislation</li> <li>• Civil Court and ADR</li> <li>• Criminal Court system</li> <li>• Elements of Law (mens rea and actus reus)</li> <li>• Non-fatal offences against the person</li> <li>• Fatal offences of person</li> <li>• Duty of care (Tort Law)</li> <li>• Occupiers' liability (Tort Law)</li> </ul>
<b>Revision Materials:</b> Previous Law booklets, revision materials on teams

## Maths (A Level)

**Exam Board:** OCR

**Time:** 2 papers 1 hour 30 mins each

**Marks:** 75 marks each = 150 marks total

**Assessment Objectives:** AO1, 2 and 3

**Types of Questions:**

- Exam style structured and unstructured questions
- Application of skills and routines
- Problem solving

**Equipment Required:** Casio ClassWizz Calculator, pens, pencils, ruler, rubber

**Exam overview:** These papers will be full AS papers. You can prepare for them by looking up past AS papers on OCR's site using the H230 code. You will have the full amount of time to complete them, and it will mirror the actual AS level paper.

**Revision Materials:**

- Examsolutions.net for video clips relating to all topic areas
- Activelearn for additional questions with worked solutions
- Physics and Maths tutor for past paper practice
- Your workbooks
- My Maths

## Philosophy

**Exam Board:** AQA

**Time:** 2 x 90 minutes

**Marks:** 100

**Assessment Objectives:**

- AO1: Demonstrate knowledge and understanding of the core concepts and methods of philosophy, including through the use of philosophical analysis.
- AO2: Demonstrates the ability to analyse and evaluate philosophical arguments to form reasoned judgements.

**Types of Questions:** 2 x 3 marks, 4 x 5 marks, 2 x 12 marks, 2 x 25 marks

**Equipment Required:** black / blue pen

**Exam overview:**

- You will complete 10 questions in total:
  - A 3, 5, 5, 12 and 25 mark question on Epistemology
  - A 3, 5, 5, 12 and 25-mark question on Moral Philosophy

**Revision Materials:** All workbooks (questions will be taken from all units studied so far), previously issued exam guidance booklet.



## Physics

**Exam Board:** OCR A

**Time:** 1 hour 30 minutes

**Marks:** 70 marks

**Assessment Objectives:**

- AO1 – Demonstrate knowledge and understanding of scientific ideas, processes, techniques and procedures.
- AO2 – Apply knowledge and understanding of scientific ideas, processes, techniques and procedures in a theoretical and practical context, and when handling data.
- AO3 – Analyse, interpret, and evaluate scientific information, ideas, and evidence, including to make judgments and reach conclusions and develop and refine practical design and procedures.

**Types of Questions:** Multiple choice, Short answer, Extended response

**Equipment Required:** black pen, pencil, ruler, scientific calculator

**Exam overview:**

Questions could assess knowledge and understanding of the following topics, along with maths skills and practical skills.

- Module 2 Foundations of Physics (AEE)
- Module 3 Forces and Motion (AEE)
- Module 4 Electrons, waves and photons (SMD)

## Psychology

**Exam Board:** EDUQAS

**Time:** 2 Hour 15 Minutes

**Marks:** 100

**Assessment Objectives:** AO1 – Descriptive, AO2 – Evaluative, AO3 - Application

**Types of Questions:** 4 markers, 10 markers and 24 markers

**Equipment Required:** Black pen

**Exam overview:** This will cover all five of the approaches: Biological, Behaviourist, Positive, Cognitive and Psychodynamic. Question format will be typical of past papers in range and mark allocation.

**Revision Materials:** This will all come from the workbooks. Attention should be paid to the weekly revision programme. Students are encouraged to attend the bi-weekly Psychology clinic.

## Sociology

**Exam Board:** AQA

**Time:** 2 hours

**Marks:** 80

**Assessment Objectives:**

- AO1: Demonstrate knowledge and understanding of: sociological theories, concepts and evidence sociological research methods
- AO2: Apply sociological theories, concepts, evidence and research methods to a range of issues
- AO3: Analyse and evaluate sociological theories, concepts, evidence and research methods in order to: present arguments, make judgements and draw conclusions.

**Types of Questions:**

- 4 mark- Outline two
- 6 mark- Outline three
- 10-mark- Analyse two
- 10 mark- Outline and explain two
- 20-mark-Evaluate essay question

**Equipment Required:** A pen

**Exam overview:**

- 1 x 4 mark on education
- 1 x 6 mark on education
- 1 x 10 mark on education
- 1 x 20 mark on methods in the context of education
- 1 x 10 mark on families
- 1 x 10 mark on families
- 1 x 20 mark on families

**Revision Materials:** Knowledge organisers

## 3D Design

**Exam Board:** AQA

**Time:** 1 hour

**Marks:** 24

**Assessment Objectives:** AO1,AO2,AO3,AO4

**Types of Questions:** Written

**Equipment Required:** Writing pen and drawing implements

**Exam overview:** You will be able to bring your research notes into the exam.

You will be expected to show how you intend to :

Develop your ideas through sustained investigations informed by contextual and other sources.

Demonstrate exceptional analytical and critical understanding.

Demonstrate fluent use of appropriate specialist vocabulary.

**Revision Materials:** N/A

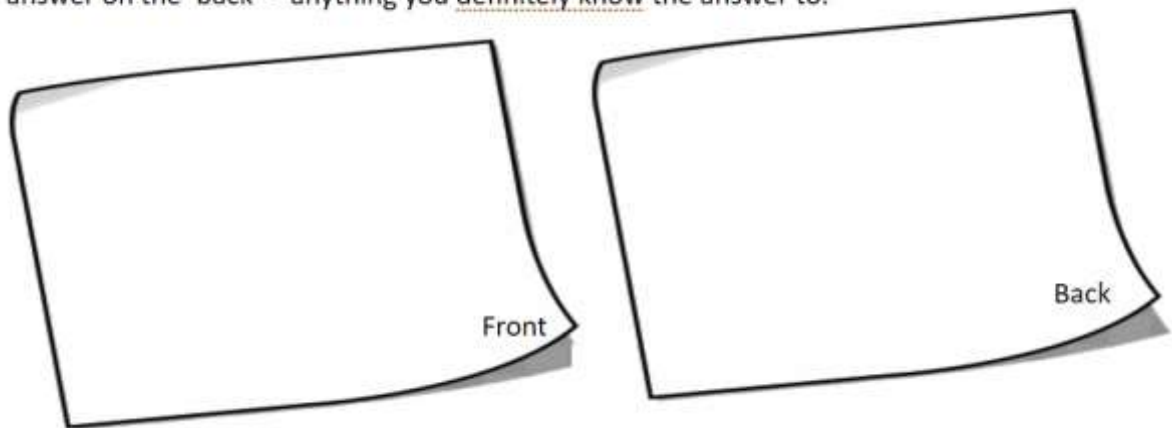
## Effective Revision Techniques

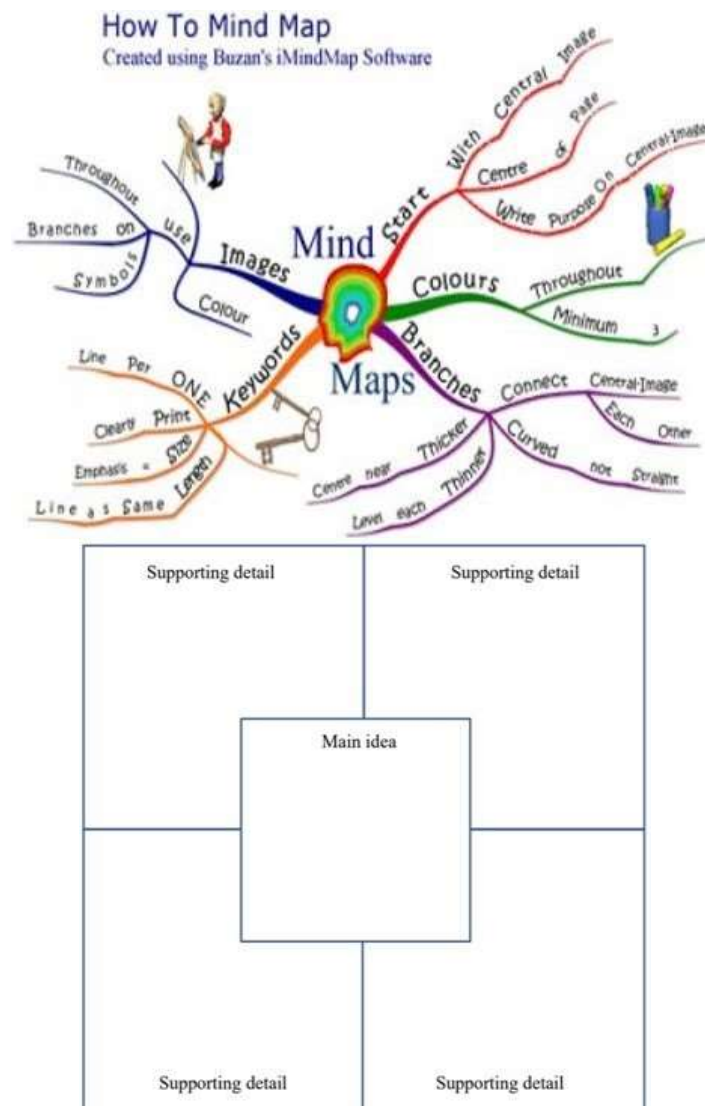
**Retrieval practice** is a learning strategy where we focus on getting information out. Through the act of retrieval or calling information to mind, our memory for that information is strengthened and forgetting is less likely to occur. Retrieval practice is a powerful tool for improving memory.

**Spaced practice** – This is when we do little amounts regularly (i.e., one hour a day for six days) as opposed to a lot all at once (i.e., six hours in one day). Spaced practice tends to be more effective for long term memory.

**Interleaving** – This is the mixing up of topics within a subject. Doing so helps us to make connections between topics and think harder.

On the flash card on the page in your workbook write a question on the 'front' and the answer on the 'back' - anything you definitely know the answer to.





You need to think about a key central idea (the middle of the mind map or graphic organiser) and then link other content to it. You should write as much as you can from your own knowledge first, recalling as much as possible.

After completing a mind-map, it's helpful to then refer to notes and textbooks to see if there is anything more to add or any misconceptions which may have been written down. At this point, to highlight any missing information can be useful when you have another go at the same mind map, to compare it next time to check if the missing knowledge has stuck next time.

There is little point in re-reading the maps after you have made them as this is a very passive way of trying to revise. After making a mind map, it's a good idea to do some practice questions which relate to the concept you have been mapping. Get a parent or friend to quiz you on material. Or try to recreate it multiple times from memory – when checking, add in anything you'd missed in a different colour or highlight this part, so you know to focus on it next time. (retrieval)

## How to Self-quiz

Self-quizzing is a powerful strategy to get knowledge stuck in your long-term memory.

**Look**

Read a small section of your knowledge organiser, e.g. keywords and definitions, labelled diagram

**Cover**

Cover up the definitions or diagram

**Write**

Now, from memory, write them down in your self-quizzing jotter using a blue or black pen

**Correct**

Check your work and make any corrections or additions in a different colour of pen – always use the same colour for corrections (green for example)

**Repeat**

Have another go! Perhaps do this same section in a few days' time (spaced practice)

---

## SQ3R – how it works!

1. Quickly re-read the information you are trying to revise from your workbook or revision guide. Note headings, sub-headings and other outstanding features, such as figures, tables, and summary paragraphs.

2. Look at practice exam questions, review questions at the end of the chapter, quizzes you made for this information the previous year or Do Now activities for this content area. Knowing these questions will allow you to read on with purpose.

