

**Year 11 Revision List - Mock Fortnight**

**(15th – 26<sup>th</sup> November 2021)**

These are the topics you will need to revise. Your teachers will give you access to the materials you need. Most of the resources for revision can be found on Teams using the O365 link on the Student Landing Page. You should be making time to work extra hard in the weeks leading up to Assessment Fortnight!

Art

- 1 Make sure all coursework set so far has been completed and it clearly links to the 4 assessment objectives.
- 2 Black and white paint and crayon three dimensional drawing techniques

Biology

You will be sitting a Paper 1 exam which will contain questions on the following topics:

- B1 Cell Biology
- B2 Organisation of organisms
- B3 Infection and response
- B4 Bioenergetics

**Revise using Educake, the online Science homework - there are lots of self-marking questions you can do to help your revision. Revision materials can also be accessed via bbc bitesize, seneca and your class Microsoft Team. Remember to look for Combined Science Trilogy.**

Chemistry

You will be sitting a Paper 1 exam which will contain questions on the following topics:

- C1 Atomic Structure and The Periodic Table
- C2 Bonding, Structure and Properties of Matter
- C3 Quantitative Chemistry
- C4 Chemical Changes
- C5 Energy Changes

**Revise using Educake, the online Science homework - there are lots of self-marking questions you can do to help your revision. You can also use BBC bitesize (look for Combines Science > AQA Trilogy). Revision materials can be accessed via your Microsoft TEAM (use the materials both with your class notebook and within 'files').**

## **Enterprise and Marketing / Business Studies**

- 1.1.1 The dynamic nature of business
- 1.1.2 Risk and reward
- 1.1.3 The role of business enterprise
- 1.2.4 The competitive environment
- 1.4.1 The options for start-up and small businesses
- 1.3.1 Business aims and objectives & 2.1.2 Changes in business aims and objectives
- 1.4.4 Business plans
- 1.5.2 Technology and business
- 2.1.1 Business growth
- 2.1.3 Business and globalisation
- 1.2.1 Customer needs
- 1.2.2 Market research
- 1.2.3 Market segmentation
- 1.4.2 Business location
- 1.4.3 The marketing mix
- 2.2.1 Product
- 2.2.2 Price
- 2.2.3 Promotion
- 2.2.4 Place
- 2.2.5 Using the marketing mix to make business decisions
- 1.3.2 Business revenues, costs and profits
- 1.3.3 Cash and cash-flow
- 1.3.4 Sources of business finance
- 2.4.1 Business calculations

## **Chemistry**

- 1 Atomic Structure and the periodic table
- C2 Bonding
- C3 Quantitative Chemistry
- C4 Chemical changes
- C5 Energy changes
- C6 Rate and extent of chemical change
- C7 Organic chemistry
- C8 Chemical analysis
- C9 Chemistry of the atmosphere

**Revise using Educake, the online Science homework. There are lots of self-marking questions you can do to help your revision**

## Computing

OCR GCSE Computer Science  
[Revision Checklist](#)

OCR Creative iMedia  
[Revision Checklist](#)

Revision materials can be accessed via Microsoft Teams

## English

### AQA KS3 English Language Paper One

#### **Paper One: Explorations in Creative Reading and Writing**

##### **Section A: Reading**

###### **One literature fiction text**

1. Identifying the most important pieces of information in a story.
2. Selecting quotations as 'evidence' to show your understanding of what you have read.
3. Identifying language techniques used by a writer to create character, setting or develop the plot. Language techniques include: simile, metaphor, onomatopoeia, alliteration, repetition and pathetic fallacy.
4. Exploring the structure of an extract from a story and explaining what happens at the beginning, the middle and the end. Discussing why the writer has chosen to describe events in this order and the effect on the reader.

##### **Section B: Writing**

You will have to either describe an image or write a story. You are going to be tested on your ability to:

1. Select vocabulary and language techniques for effect
2. Use clear paragraphs to structure your ideas
3. Apply a range of sentence structures, considering the effects on the reader
4. Use the correct spellings of familiar words, especially of homophones
5. Apply a range of punctuation accurately, including ;!.,”

**English Literature:**

## AQA GCSE English Literature

### Paper One: Shakespeare and Unseen Poetry

#### Romeo and Juliet:

1. Plot
2. Character
3. Key quotations
4. Themes: love; fate; conflict; patriarchy; women; death
5. Contextual information
6. Critical theory to explore the play: Feminist reading
7. Examination of writer's intentions

#### Unseen Poetry

1. Create a clear response to an unseen poem
2. Select key quotations from the poem to support your point
3. Analyse writers' methods and the impact on the reader
4. Compare the methods used by poets to present their thoughts and feelings

### Paper Two: The Nineteenth Century Novel

#### A Christmas Carol:

1. Plot
2. Character
3. Key quotations
4. Themes: poverty; supernatural; Christmas; greed; money; charity; death
5. Contextual information
6. Critical theory to explore the novella
7. Examination of writers' intentions and the impact on the reader

**Revise using GCSEpod, BBC Bitesize and Mr Bruff's YouTube Channel.**

## French

### AQA GCSE Foundation/Higher

- Relationships
- New technology
- Free time activities
- Festivals
- Health and fitness
- Environment

- Social issues
- Home, Area and Region
- Holidays
- School
- Future plans

Revise using AQA vocab list, linguascope, bbc bitesize and seneca.

### **Geography**

1. Physical landscapes of the UK- rivers and coasts.
2. Living World – ecosystems, Rainforests (Malaysia) and Deserts (Thar)
3. Urban Challenges and Opportunities. a) Lagos and London case studies b) Urbanisation c) Sustainable cities
4. Skills – fieldwork technique, data presentation skills, Map skills
4. Seneca, GCSE Pod,
5. Also on the sharepoint/Teams are booklets, revision guides and PDF course books

### **History**

Students should revise

1. Crime and Punishment through Time (Paper One)
2. American West (Paper Two)

**Revision workbooks and materials sent home prior to end of term and put on TEAMS**

### **Health & Social Care**

Students should have completed the coursework tasks;

1. A description of the development of physical, intellectual and language milestones of a typical 0-5 Year old
2. A comparison of the physical, intellectual and language milestones of the case study child Elizabeth and a typical child.
3. A description the development of social and emotional milestones of a typical 0-5-Year-old.
4. A comparison of the social and emotional milestones of the case study child Elizabeth and a typical child.
5. A description of the potential risks and hazards in a nursery and strategies to reduce them.
6. A risk assessment from a virtual tour of a nursery.
7. A plan / design for their own nursery with a justification of their choices.

Students should revise;

1. The rights of an individual
2. Why it is important to maintain rights
3. How care workers maintain rights
4. Health and Social Care, Care Values
5. Early Years Care Values
6. How care values are applied in settings
7. The effects on people if care values are not applied
8. Details of the key laws that impact on care
9. How key laws impact on care

## Maths

**11X1, 11Y1, 11X2,11Y2 and 11X3 will sit 2 Higher Papers (90 minutes each)**

**11X4,11X5, 11Y3 and 11Y4 will sit 2 Foundation Papers (90 minutes each)**

**Students can use hegarty maths, corbett maths and TEAMS for revision. The assessments can cover a large range of topics.**

**To focus your revision use the golden topics as a starting point:**

Golden <b>HIGHER</b> Topic		Golden <b>FOUNDATION</b> Topic	
Reverse Percentages	96	Prime Decomposition	29,30
Recurring Decimals	53,54	Equivalent Fractions Decimals and Percentages	52,53,73-76,82,83
Venn Diagrams	372-388	Fractions and Ratios	330
Tree Diagrams	361-363	Percentages of Amounts	84-87

Scatter Graphs	453,454	Reverse Percentages	96
Factorising Linear Expressions	168,169	Tree Diagrams	361-363
Factorising Quadratic Expressions	223-228	Scatter Graphs	453,454
Solving linear equations	269-271	Factorising Linear Expressions	168,169
Solving quadratic equations with the formula	241,242	Factorising Basic Quadratic Expressions	223-226
Rearranging Formula	280-286	Solving linear equations	177-183
Proportional Equations	343-347	Rearranging Simple Formula	280-283
Cumulative Frequency	437-439	Loci	674-677
Box Plots	434-436, 440	Bisectors	660,661
Histograms	442-449	Simplifying Algebra	156-157
Loci	674-679	Rounding to decimal places	56
Bisectors	660,661	Rounding to significant figures	130
Speed Kinematics	716-724	Lowest Common Multiples	34,35
Circle Geometry	594-606	Pythagoras' Theorem	497-504
Surds	111-119	Trigonometry	508-515
Indices	102-110	Ratio Problems	335-337
Pythagoras' Theorem	497-507	Transformations	650-657
Trigonometry	508-515	Worded Problems	20, 23
Ratio Problems	335-337	Angles in Parallel Lines	481-483
Completing the Square	235-239	Prime Decomposition	29,30
Further Trig	520-533	Equivalent Fractions Decimals and Percentages	52,53,73-76,82,83
Transformations	650-657	Fractions and Ratios	330
Plotting and Shapes of Graphs	251, 298-301	Percentages of Amounts	84-87

### Performing Arts

1. All summer work set online must be completed
2. Unit 1 coursework tasks must be completed from online sessions and template given to complete.

**Unit 1 revisions must be completed to adhere to the new coursework assessments set by Edexcel Workshop performance of Teachers/ shakers and The royal family (Dance)extract to be completed to have a formative assessment**

### **Physical Education**

Controlled assessment work.  
Completion of Sport Nutrition.

<https://stmca.sharepoint.com/:f:/s/Y10SportScienceALS/El1gWpxR5X1En7E7YWC7Q3UBVh5X8FTq3fggZjwzvqiftw?e=Kkjxys>

Controlled assessment work. Completion of Technology in Sport.

[https://stmca.sharepoint.com/:f:/s/Y10SportScienceALS/ElyEkQFTwodEgArtCtk9x-gBY2lhEkht\\_Zsu0E\\_Pxz5cyw?e=iFtYVY](https://stmca.sharepoint.com/:f:/s/Y10SportScienceALS/ElyEkQFTwodEgArtCtk9x-gBY2lhEkht_Zsu0E_Pxz5cyw?e=iFtYVY)

### **Physics**

You will be sitting a Paper 1 exam which will contain questions on the following topics:

- P1 Energy
- P2 Electricity
- P3 Particle model of matter
- P4 Atomic Structure

**Revise using Educake, the online Science homework - there are lots of self-marking questions you can do to help your revision. You can also use BBC bitesize and revision materials can be accessed via your class Microsoft Team.**

### **Religious Education**

#### ***Christian Beliefs and Practices (Paper 2) - Full Mock***

Christian Beliefs (Part 1):

- *Nature of God (including the Omni words, the Problem of Evil, the Trinity)*
- *The Nicene Creed/The Apostles Creed*
- *Creation*



- *Jesus Christ (Incarnation, Crucifixion, Resurrection, Ascension, Atonement, Last Supper)*
- *Salvation, Sin and Grace*
- *The Bible as a Source of Authority (the Law)*
- *The Afterlife (Heaven, Hell, Judgement, Purgatory, Resurrection)*

Christian Practices (Part 2):

- *Forms of Worship (including how different Christians pray, e.g. Quakers, Catholics, Evangelicals)*
- *The importance of Prayer*
- *Sacraments (all 7)*
- *The importance of Baptism*
- *The importance of the Eucharist*
- *Christmas*
- *Easter*
- *Pilgrimages (Walshingham and Taize)*
- *The Church in Britain and the local community*
- *The Worldwide Church and Evangelism*
- *Persecution of Christians and working for Reconciliation (including key groups)*

## Spanish

### **Mira 4 Rojo Units 1-4**

- Holiday destinations
- Accommodation
- Travel
- Weather in past tense
- The preterite tense
- The imperfect tense
- Description of school
- Future Plans
- Work & work experience
- The future tense

Revise using AQA vocab list, linguascope, bbc bitesize and seneca.

## Technology

Product Design/Textiles

1. Mechanisms and types of levers.
2. Electronic components.
3. Composite materials (Kevlar and man-made boards)
4. Laser cutting/pleating.
5. Scale of production.
6. Manufacturing processes done in practical's.
7. Surface finishes.
8. Polymers/fabrics

9. Product analysis
10. Ergonomics
11. Sustainability
12. Sketching
13. Interpreting data (reading graphs)
14. Prototyping
15. Designers

### **Engineering**

1. Product analysis
2. Standard components
3. Sustainability
4. Manufacturing processes
5. Design cycle and its stages
6. Specifications
7. Symbols
8. Interpreting data (reading graphs)
9. Manufacturing considerations
10. Design development
11. Safety of products
12. Ergonomics
13. New materials

### **Food**

1. Nutrients
2. Nutritional needs and health