

## Year 11 mock examination revision guidance

### Biology 1hr 45 mins

<ul style="list-style-type: none"><li>• Topics 1-5 which are covered by pages 2-122 of the GCSE Biology text book and pages 1-67 of the GCSE Biology revision guide and workbook.</li></ul>
Additional useful revision resources include:
<ul style="list-style-type: none"><li>• Use Tassomai to revise biology topics 1-5.</li></ul>
<ul style="list-style-type: none"><li>• Additionally you should practice past papers from the Edexcel website by visiting <a href="https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.coursematerials.html#%2FfilterQuery=category:Pearson-UK:Category%2FExam-materials">https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.coursematerials.html#%2FfilterQuery=category:Pearson-UK:Category%2FExam-materials</a> You only need to practice GCSE Biology <b>paper 1</b>. The mark schemes can be found there as well.</li></ul>
<ul style="list-style-type: none"><li>• BBC Bitesize at <a href="https://www.bbc.co.uk/bitesize/examspecs/zcq2j6f">https://www.bbc.co.uk/bitesize/examspecs/zcq2j6f</a> You only need to work from 'Key concepts in biology' down to (and including) 'Health disease and the development of medicines'.</li></ul>
<ul style="list-style-type: none"><li>• <a href="http://www.senecalearning.com">www.senecalearning.com</a></li></ul>

### Business – 1hr 45 mins

Unit 1 - Business in the real world
Unit 2 - Influences on business
Unit 3 - Business operations
Unit 4 - Human resources
or more detail on how to revise as well:
Revision material is available on Teams/Class Notebook, including topic PowerPoints and theory videos, revision links (Seneca etc), exam technique guidance.

### Chemistry - 1hr 45 mins

The students need to revise the following, remembering that we are studying Edexcel GCSE 9-1 Chemistry 1CH0:
<ul style="list-style-type: none"><li>• Topics 1-5 which are covered by pages 1-126 of the GCSE Chemistry text book. In the textbook the chapters are numbered differently than everywhere else. Paper 1 topics are 1-14 in the textbook.</li></ul>
Additional useful revision resources include:
<ul style="list-style-type: none"><li>• Use Tassomai to revise Chemistry topics 1-5.</li></ul>
<ul style="list-style-type: none"><li>• Revision guide and workbook</li></ul>
<ul style="list-style-type: none"><li>• Additionally you should practice past papers and access mark schemes from the Edexcel website by visiting <a href="https://qualifications.pearson.com/en/support/support-topics/exams/past-papers.html?Qualification-Family=GCSE&amp;Qualification-Subject=Sciences%20(2016)&amp;Status=Pearson-UK:Status%2FLive&amp;Specification-Code=Pearson-UK:Specification-Code%2Fgcse16-science">https://qualifications.pearson.com/en/support/support-topics/exams/past-papers.html?Qualification-Family=GCSE&amp;Qualification-Subject=Sciences%20(2016)&amp;Status=Pearson-UK:Status%2FLive&amp;Specification-Code=Pearson-UK:Specification-Code%2Fgcse16-science</a> You only need to practice GCSE Chemistry paper 1, code: 1CH0 1H</li></ul>
<ul style="list-style-type: none"><li>• BBC Bitesize at <a href="https://www.bbc.co.uk/bitesize/examspecs/zy984j6">https://www.bbc.co.uk/bitesize/examspecs/zy984j6</a> You only need to work from 'Key concepts in Chemistry' down to (and including) 'Separate Chemistry 1'.</li></ul>
<ul style="list-style-type: none"><li>• <a href="http://www.senecalearning.com">www.senecalearning.com</a></li></ul>

## Computer Science - 1hr 30 mins

Please study and revise the following topics:
• 1.1 Systems architecture
• 1.2 Memory and storage
• 1.3 Computer networks, connections and protocols
• 1.4 Network security
• 1.5 Systems software
• 1.6 Ethical, legal, cultural and environmental impacts of digital technology

## Design Technology - 2hrs

<b>Section A Core technical principles :</b>				
Metals	Textiles	Mechanisms	Papers/boards	Maths
Business in DT	Smart materials		Textiles	Environmental
<b>Section B Specialist technical knowledge:</b>				
Paper/boards		Wood		Metal
Polymer		Textile		Electronic
Questions will test:				
• Specific material and related property				
• Improving the material property				
• Standard components and their uses				
• How these specific products are made in six steps with sketches (think about the different ways materials are manufactured into different products).				
• Ensuring a product is made accurately and efficiently.				
• Recycling				
• Maths: volume, mass, ratio				
<b>Section C Designing and making principles:</b>				
• Aesthetics				
• Design process used in your project				
• Types of research for designing				
• Globalisation				
• Isometric and orthographic				
• Finishes				
• Advantages and disadvantages of 3dimensional communication				

## Drama 1hr 45 mins

• Set Text 1 "Sorting out Rachel" - they will be answering up to 8 questions between 2 and 10 marks in value. (Total 30 marks) Students should revise from their Journal
• Notes, re-read the play again and access any revision material identified on the Department Shared area
• Students should re-familiarise themselves with the Devised Mask production they did earlier in the year. They will answer 2 questions (10 marks and 15 marks) about any aspect of this production (acting, structure, design and technology). They can /should be able to write about any role (not just the one they created.)
• They should use their Journal notes and past answers.

## English language

**Paper 1 = 1 hour and 45 mins**

**Paper 2 = 1 hour and 45 mins**

Explorations in Creative Reading and Writing.

Paper 1 Topics for revision:

- Language Labels - AO2.
- Structural Labels AO2.
- Writing an argument/opinion features.
- Descriptive writing structure and convention. AO5, 6.
- Narrative writing structure and convention. AO5, 6.
- Wide vocabulary and punctuation for impact as well as accuracy.

Paper 2 Topics for revision:

- Information retrieval.
- Summary and exemplification leading to evaluation.
- Language evaluation. AO2.
- Comparison of AO2 methods to reflect viewpoints and perspectives.
- Non-Fiction writing skills for different text types. Writing to persuade/ offer a viewpoint/perspective. AO5, 6.

## French

**Paper 1: Writing: Foundation:** 1 hour 15

**Higher:** 1 hour 30 minutes

be confident **writing extended paragraphs** on these topics – For the writing exam, students will need to write about the topics we have studied – according to the bullet points given and the set word count (90/120 and/or 150/180), and a translation into French from English

use your books and your knowledge organizer/gcse guide - An important tool is the CROISSANT memory aid. By using each element of it in the work the you produce, you will be climbing up the language ladder.

**Topics :**

**Foundation:** 5A (holidays) job/future career/school (3A 6A)

**Higher:** job/future career/school (3A 6A) - 5A (holidays) **OR** 2b (local region)

**Paper 2: Reading: Foundation:** 1 hour

**Higher:** 1 hour 15 minutes

**Topics :**

**Foundation:** 6A (jobs) 7A food and drink) 1A (self/relationship) - 5A (holidays) 8A (environment -no specialised vocab needed) 4A (health and fitness)

**Higher:** 4A (health and fitness) /3A school - 6A (Jobs) 5A ( holidays)

**Paper 3: Listening Foundation:** 35 minutes

**Higher:** 45 minutes

**Topics :**

**Foundation:** 5A ( holidays) 6A( jobs) 4B (entertainment and leisure) 3A (school) 1B (technology) 8A (environment)

**Higher:** 3A (school) 5A (holidays) 4B (entertainment) 1B (technology) 6A (jobs) 8A (environment)

For the speaking exam, students will have 12 mins to prepare a description of a photo, a role play - they describe the photo, and answer questions on 2 of the areas that we have studied (they can choose the first topic area.)

**DATES of Speaking mocks: week of 22/01**

**EDUQAS / WJEC EXAM BOARD PAST PAPERS and MARK SCHEMES**

French: <http://www.wjec.co.uk/qualifications/qualification-resources.html?subject=French&level=GCSE&pastpaper=true>

INTERACTIVE VOCAB REVISION: Quizlet.com

**French:** CLASS JOIN LINK:

<https://quizlet.com/join/xp8CuWYqM>

Excellent website provided by the BBC, organized by skill (eg Reading or Listening) and then by topic for Eduqas

French: <http://www.bbc.co.uk/schools/gcsebitesize/french/>

**Geography Paper 1 - 1hr 30 mins**

Areas of revision for students:

Paper 1 covers the following topics:

Unit 1 - Hazardous Earth

Unit 2 - Development Dynamics

Unit 3 - Challenges of an Urbanising World

Students should focus on key terminology and the following case studies (their revision should not be limited to only this, however):

Unit 1 - Causes and impacts of climate change

Unit 1 - Tropical storm in a developing country (Impacts, responses, management)

Unit 1 - Tropical storm in a developed country (Impacts, responses, management)

Unit 1 - Tectonic hazard in a developing country (Impacts, responses, management)

Unit 1 – Tectonic hazard in a developed country (Impacts, responses, management)

Unit 2 –

- Development in India - factors affecting development, locational significance, globalisation, TNCs, rural vs. urban quality of life, top down and bottom up development projects, future challenges

Unit 3 –

- Mumbai - Megacity - site, situation and structure, rapid population growth, challenges in Mumbai, quality of life and top down and bottom up sustainable development projects.

**History – 1hr 30 mins**

- Revise paper 3 Weimar & Nazi Germany
- Revise Units 1 and 2 only

## ICT

Please ensure you are confident in creating documents in the following applications:
Paper 2
<ul style="list-style-type: none"><li>• Word Processing (Microsoft Word)</li><li>• Databases (Microsoft Access)</li><li>• Presentation (Microsoft PowerPoint)</li></ul>
Paper 3
<ul style="list-style-type: none"><li>• Web Authoring (Adobe Dreamweaver)</li><li>• Data Analysis (Microsoft Excel)</li></ul>
The best way to prepare is by completing past papers: <input type="checkbox"/> <a href="#">Practical Exam Revision</a>

## Maths Paper 1 – 1hr 45 mins

### Paper 2 – 1hr 45 mins

Topic List
<b>Algebra</b>
<ul style="list-style-type: none"><li>• Expressions</li><li>• Formulae (changing the subject)</li><li>• Expanding &amp; Factorising</li><li>• Algebraic Fractions</li><li>• Solving Linear equations</li><li>• Straight line graphs - <math>y=mx+c</math></li><li>• Quadratic Graphs</li><li>• Solving Simultaneous Equations</li><li>• Quadratics - Factorising</li><li>• Quadratics Solving - Factorising</li><li>• Quadratics Solving - Equation</li><li>• Quadratics Solving - Completing the Square</li><li>• Approximate Solutions</li><li>• Inequalities - Solving</li><li>• Inequalities - Graphs</li><li>• Distance / time / acceleration &amp; their graphs</li><li>• Graphs - cubic / reciprocal / exponential</li><li>• Real life graphs - Gradients &amp; area underneath</li><li>• Graphs of circles</li><li>• Quadratic Simultaneous Equations</li><li>• Sequences</li></ul>
<b>Number</b>
<ul style="list-style-type: none"><li>• Rounding</li><li>• Estimation &amp; approximation</li><li>• Upper &amp; Lower bounds</li><li>• Operations with decimals</li><li>• Factors / HCF / LCM</li></ul>

• Indices - Index Laws
• Indices - Negative
• Indices - Fractional
• Fractions - operations
• Fractions - decimal / percent conversions
• Percentages - change
• Percentages - increase / decrease
• Percentages - compound
• Percentages - reverse
• Surds
• Exact Calculations
• Standard Form
• Compound Measures & Conversions
• Ratio & Proportion
• Direct & Inverse Proportion
<b>Geometry</b>
• Angles & Polygons
• Bearings
• Area of 2-D shapes
• Transformations
• Circles-area / circumference & sectors
• Circle Theorems
• Construction & Loci
• 3-D Shapes Volume & Surface Area
• Pythagoras
• Trigonometry - SOHCAHTOA
• Trigonometry - Sine Rule / Cosine Rule / Area
• 3-D Pythagoras & Trigonometry
<b>Probability</b>
• Theoretical
• Experimental (Relative Frequency)
• Mutually Exclusive / Independent Events
• Set Theory / Venn Diagrams
• Possibility Spaces
Tree Diagrams
Conditional Probability
<b>Statistics</b>
• Types of data / grouping / sampling
• Pie Charts / bar charts / Time Series
• Scatter Diagrams & Correlation
• Averages & Spread
• Averages from frequency tables
• Averages from grouped data tables
• Cumulative Frequency diagrams

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| <ul style="list-style-type: none"> <li>• Box Plots</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Histograms</li> </ul> |

### Music – 1hr 45 mins

Students must revise all eight of the set works which are:
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| <ul style="list-style-type: none"> <li>• J S Bach: 3rd Movement from Brandenburg Concerto no. 5 in D major</li> <li>• L van Beethoven: 1st Movement from Piano Sonata no. 8 in C minor 'Pathétique'</li> <li>• H Purcell: Music for a While</li> <li>• Queen: Killer Queen (from the album 'Sheer Heart Attack')</li> <li>• S Schwartz: Defying Gravity (from the album of the cast recording of Wicked)</li> <li>• J Williams: Main title/rebel blockade runner (from the soundtrack to Star Wars Episode IV: A New Hope)</li> <li>• Afro Celt Sound System: Release (from the album 'Volume 2: Release')</li> <li>• Esperanza Spalding: Samba Em Preludio (from the album 'Esperanza')</li> </ul> |
| <ul style="list-style-type: none"> <li>• Revision material is in the form of the Edexcel Pearson notes, the CGP Revision Guide and the Edexcel GCSE Music text book.</li> </ul>   |

### Physical Education – 1hr 15 mins

The topics that students will need to revise are:
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| <ul style="list-style-type: none"> <li>• The skeletal system</li> </ul>           |
| <ul style="list-style-type: none"> <li>• The muscular system</li> </ul>           |
| <ul style="list-style-type: none"> <li>• Movement analysis</li> </ul>             |
| <ul style="list-style-type: none"> <li>• Respiratory system</li> </ul>            |
| <ul style="list-style-type: none"> <li>• Cardiac system</li> </ul>                |
| <ul style="list-style-type: none"> <li>• Aerobic and Anaerobic systems</li> </ul> |
| <ul style="list-style-type: none"> <li>• Effects of exercise</li> </ul>           |
| <ul style="list-style-type: none"> <li>• Avoiding injury and recovery</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Training seasons</li> </ul>              |

### Physics 1hr 45 mins

You will be completing a full paper 1 Mock
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| <ul style="list-style-type: none"> <li>• To revise thoroughly for this exam you will need to complete pages 1-70 of your workbook. Answer are in the back.</li> </ul>         |
| <ul style="list-style-type: none"> <li>• Make flashcards for the key formulas you need to remember. A formula sheet should have been given to you by your teachers</li> </ul> |
| <ul style="list-style-type: none"> <li>• Additionally you should practice past papers from the Edexcel website.</li> </ul>  |
| <ul style="list-style-type: none"> <li>• You can use your class book as a revision guide pages 1 -128</li> </ul>  |

### Religious Studies 1hr 45 mins

The exam will be on the four 'Religious, philosophical and ethical studies themes':
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| <ol style="list-style-type: none"> <li>1. Theme A: Relationships and families.</li> <li>2. Theme B: Religion and life.</li> <li>3. Theme C: The existence of God and revelation.</li> </ol> |
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4. Theme F: Religion, human rights and social justice

Your revision:

- Make sure you know all the vocabulary for each Theme.
- Make sure that you know Christian views on each Theme.
- Make sure that you know another Christian view on each Theme (when relevant).
- Make sure you know 'non-Christian' or 'non-religious' views on each theme.

## Spanish

**Paper 1: Writing: Foundation:** 1 hour 15

**Higher:** 1 hour 30 minutes

be confident **writing extended paragraphs** on these topics – For the writing exam, students will need to write about the topics we have studied – according to the bullet points given and the set word count (90/120 and/or 150/180), and a translation into Spanish from English

use your books and your knowledge organizer/gcse guide - An important tool is the TORTILLA memory aid. By using each element of it in the work the you produce, you will be climbing up the language ladder.

**Topics :**

**Foundation:** school (3A) - 2B (transport) - 4A (food/drink)

**Higher:** 4A (food/drink)- Spanish speaking countries - 8A (environment)

**Paper 2: Reading: Foundation:** 1 hour

**Higher:** 1 hour 15 minutes

**Topics :**

**Foundation:** 2A local area - 6A (jobs) 4B (entertainment and leisure) - 8A (environment -no specialised vocab needed) 3A school

**Higher:** 2A local area - 3A school - 6A (Jobs) 5A ( holidays) - 8A (environment) - 4B (entertainment and leisure)

**Paper 3: Listening Foundation:** 35 minutes

**Higher:** 45 minutes

**Topics :**

**Foundation:** 5A ( holidays) Personal information - 6A( jobs) 4B (entertainment and leisure) 3A (school)

**Higher:** 3A (school) 5A (holidays) 4B (Festival/leisure) 6A (jobs)

For the speaking exam, students will have 12 mins to prepare a description of a photo, a role play - they describe the photo, and answer questions on 2 of the areas that we have studied (they can choose the first topic area.)

**DATES of Speaking mocks: week of 22/01**

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[https://www.eduqas.co.uk/qualifications/spanish-gcse/#tab\\_pastpapers](https://www.eduqas.co.uk/qualifications/spanish-gcse/#tab_pastpapers)

INTERACTIVE VOCAB REVISION: Quizlet.com

Excellent website provided by the BBC, organized by skill (eg Reading or Listening) and then by topic for Eduqas

<https://www.bbc.co.uk/bitesize/examspecs/zdggmfr>



