

Year 13 – Mock exam revision list

Subject content and exam information

Leventhorpe Year 13 Mock Exam Revision

Subject	BIOLOGY	Exam Board	OCR	Number of Exams	2 exams 2 hours each
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Structure of Papers

Paper 1 Biological processes

Development of practical skills in biology, foundations of biology, exchange and transport, communication homeostasis and energy.

Paper 2 Biological diversity

Development of practical skills in biology, foundations of biology, Biodiversity evolution and disease, Genetics, evolution and ecosystems

Revision Topic List

Module 1 – Development of practical skills in biology

1.1 Practical skills assessed in a written examination

Module 2 – Foundations in biology

- 2.1.1 Cell structure
- 2.1.2 Biological molecules
- 2.1.3 Nucleotides and nucleic acids
- 2.1.4 Enzymes
- 2.1.5 Biological membranes
- 2.1.6 Cell division, cell diversity and cellular organisation

Module 3 – Exchange and transport

- 3.1.1 Exchange surfaces
- 3.1.2 Transport in animals
- 3.1.3 Transport in plants

Module 4 – Biodiversity, evolution and disease

- 4.1.1 Communicable diseases, disease prevention and the immune system
- 4.2.1 Biodiversity
- 4.2.2 Classification and evolution

Module 5 – Communication, homeostasis and energy

- 5.1.1 Communication and homeostasis
- 5.1.2 Excretion as an example of homeostatic control
- 5.1.3 Neuronal communication (not muscle contraction)
- 5.1.4 Hormonal communication

Module 6 – Genetics, evolution and ecosystems

- 6.1.1 Cellular control
- 6.1.3 Manipulating genomes

Leventhorpe Year 13 Mock Exam Revision

Subject	BUSINESS	Exam Board	AQA	Number of Exams plus length	One 2 hour paper
<p>Structure of Papers One compulsory case study followed by approximately six questions which includes 2 x 12 marks, 2 x 16 marks, a 20 mark and 24 mark questions.</p>					
<p>Revision Topic List All of Yr 12 topics Unit 3.1 – What is a business? Unit 3.2 – Managers, leadership and decision making Unit 3.3 – Decision making to improve marketing performance Unit 3.4 – Decision making to improve operational performance Unit 3.5 – Decision making to improve financial performance Unit 3.6 – Decision making to improve human resource performance</p>					
<p>Yr 2 Topics Unit 3.7- Analysing the strategic position of a business Up to How to analyse data other than financial statements to assess the strengths and weaknesses of a business as well as Porters Five Forces Unit 3.8 – Choosing strategic direction Unit 3.9 – Strategic method: How to pursue strategies Unit 3.10 – Managing change Up to The importance of organisational culture</p>					
<p>You will need to focus on essay technique and we expect you to be using materials issued in class to produce essay plans to practice. Remember your structure strips!</p>					

Leventhorpe Year 13 Mock Exam Revision

Subject	DRAMA	Exam Board		Number of Exams plus length	1 EXAM 3 HOURS
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Structure of Papers

The written exam is 3 hours long and is made up of 3 sections.

Section A - Much Ado About Nothing

Section B - Our Country's Good

Section C - War Horse

Revision Topic List

For section A and B students have a copy of the text they can be reading. They also need to create and revise from materials made in lesson and at home, focussing on performing, designing and directing the texts. They need to have in mind the following elements when revising the text:

Character

Relationships between characters

Themes

Feelings and emotions of character(s)

Meaning communicated to audience

Creating mood and atmosphere

Historical, cultural and social aspects

For Section C students need to go over their notes to ensure they are as extensive and detailed as possible. Consider the same list as above but have the live theatre seen in mind.

Leventhorpe Year 13 Mock Exam Revision

Subject	ECONOMICS	Exam Board	AQA	Number of Exams plus length	2 papers 2hrs each
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Structure of Papers

Section A – Case Study plus questions 2,4,9,25 marks

Section B – Essay – one from three questions – two parts 15 and 25 marks

Revision Topic List**Macro Paper 2**

- financial regulation - roles of regulators, problems and benefits of regulation, consequences (positive and negative) of a long period of low interest rates.
- LEDC's - problems of achieving sustainable growth. Impact of multinationals on LEDC's (positive and negative)
- Unemployment - types and causes. Impact of low unemployment rates on standard of living, why low U/E might not lead to better standards of living.
- Fiscal policy impact on AD and AS, impact of a policy of achieving a fiscal surplus on other economic objectives.

Micro Paper 1

- Behavioural economics
- Theory of the firm
- Market and government failure
- Government intervention

Leventhorpe Year 13 Mock Exam Revision

Subject	ENGLISH LANGUAGE	Exam Board	AQA	Number of Exams plus length	2 Exams 90 Mins 105 Mins
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Revision Topic List

90 minute exam - requiring candidates to analyse how two texts “create meanings and representations” before comparing them both. Revision of standard language terminology (Chapters 1-11) will be useful here, as well as Chapter 13.

105 minute exam - asking students to analyse how language is used in two texts “to present views about” a language issue before writing an article about that issue. Revision of Diversity and Change (Chapters 15 and 16) will be useful here.

Leventhorpe Year 13 Mock Exam Revision

Subject	English Literature	Exam Board	OCR	Number of Exams plus length	2 papers 75 minutes per paper
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Structure of Papers

Paper 1

Section 2 - Drama and Poetry pre-1900

A choice of 5 thematic questions, wherein you should compare *A Doll's House* and Rossetti's poetry (try to cover 2-3 poems).

Assessment Focus and weighting

AO3 - (50%) Context

AO4 - (25%) Relationships between texts

AO1 - (12.5%) Essay writing

AO5 - (12.5%) Different interpretations

Paper 2

Question 4 - The Gothic comparison

A choice of 3 questions. You need to compare Shelley's *Frankenstein* and Angela Carter's *The Bloody Chamber and Other Stories*. You should also refer to other Gothic texts you have read.

Assessment Focus and weighting

AO3 - (50%) Context (written and received)

AO4 - (25%) Relationships between texts

AO1 - (12.5%) Essay writing

AO5 - (12.5%) Different interpretations

Revision Topic List

Texts -

Ibsen's *A Doll's House*

Christina Rossetti's collection of poetry

Shelley's *Frankenstein*

Angela Carter's *The Bloody Chamber and Other Stories*

Revision strategies-

Read and analyse key moments from all texts.

Learn key quotations.

Analyse themes and characters from texts.

Read criticism surrounding texts. Learn key quotes from critics.

Revise the context in which the texts were written and received.

Practise planning past essay questions.

Leventhorpe Year 13 Mock Exam Revision

Subject	Geography	Exam Board	Edexcel	Number of Exams plus length	Paper 1 - 2hr 15mins Paper 2 – 75mins
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Structure of Papers

Paper 1 – 2hr 15mins

Three sections:

Section A: **Tectonic Processes & Hazards (16 marks)**

Section B: **Glaciated Landscapes & Change (40 marks)**

Section C: **Physical Systems & Sustainability: *The Water Cycle and Water Insecurity and The Carbon Cycle and Energy Security.* (49 marks)**

Total marks = 105

Paper 2 – 75mins

Section A: **Globalisation (16 marks)**

Section B: **Regenerating Places (35 marks)**

Total marks = 51

Paper 1 Revision Topic List

You need to revise the statistical tests you were taught in Year 12 as part of your preparation for this paper.

Tectonic Processes & Hazards

- Physical causes of earthquakes and tsunamis
- Hazard Profiles

Glaciated landscapes & Change

- Erosional and subaerial processes
- The economic value of glaciated landscapes
- Impact of climate change on glaciated landscapes

Physical Systems & Sustainability

- Impacts of fossil fuel consumption on the carbon cycle
- Energy Pathways
- The hydrological cycle/processes and the impact of changes on these processes
- Approaches to managing water insecurity

Paper 2 Revision Topic List

Globalisation

- Migration
- Reasons for variations in the impacts of globalisation

Regenerating Places

- Changing function of places
- The role of media in portraying regeneration schemes
- The role of local and national governments in regeneration schemes

Leventhorpe Year 13 Mock Exam Revision

Subject	History	Exam Board	AQA	Number of Exams plus length	2 exams 2 hours 30 mins
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Structure of Papers

1C Part A (extract question, 3 extracts/interpretations – 1 hour), Part B (2x essays from a choice of 3)
2N Part A (source question, 3 sources – 1 hour), Part B (2x essays from a choice of 3)

Revision Topic List

1C Tudors

- Henry VII – royal finances and management of the economy
- Henry VIII as king
- Foreign Policy of Henry VIII, Edward VI and Mary I
- Mid Tudor Crisis 1540-1558 – reasons for instability

2N Russia

- Civil War 1918-21
- February and October Revolutions 1917
- Five Year Plans for Industry
- Causes of Stalin's Purges

Leventhorpe Year 13 Mock Exam Revision					
Subject	MATHS	Exam Board	EdExcel	Number of Exams plus length	2, 2 hrs (for mock)
<p><u>Structure of Papers</u></p> <p>For the mock exams:</p> <p>2 papers covering pure content</p> <p>Each exam is 2 hours long</p> <p><u>Revision Topic List</u></p> <p>All pure content from Year 12 until Christmas Year 13. A detailed summary of this is available of Moodle.</p>					

Leventhorpe Year 13 Mock Exam Revision					
Subject	FURTHER MATHS	Exam Board	EdExcel	Number of Exams plus length	3, 90mins (for mock)
<p><u>Structure of Papers</u></p> <p>For the mock exams:</p> <p>1 paper pure content 1 paper decision content 1 paper mechanics content</p> <p>Each is 90 mins long</p> <p><u>Revision Topic List</u></p> <p>Pure: All of Book 1, Chapter 1,2 and 5 of Book 2 Decision: All Decision content Mechanics: Chapters 1 to 3</p>					

Leventhorpe Year 13 Mock Exam Revision

Subject	CORE MATHS	Exam Board	AQA	Number of Exams plus length	2, 90 mins
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Structure of Papers

Paper 1 will cover chapters 1 to 3

Paper 2 will cover chapters 4 to 7

Each paper is 90 mins in duration

Revision Topic List

Paper 1: Chapters 1 to 3

Paper 2: Chapters 4 to 7

Leventhorpe Year 13 Mock Exam Revision

Subject	Music	Exam Board	AQA	Number of Exams plus length	1 Listening Paper 2hours, 30 mins
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Structure of Papers

2 hours 30 mins

Each student needs access to a computer to listen to the excerpts.

Revision Topic List

- All Baroque Solo Set Works
- All Mozart Opera Set Works (covered so far)
- All Romantic piano music Set Works (covered so far)
- Revision of both own choice areas of study and associated set works.
- General musicianship revision.
- Music Theory.

Leventhorpe Year 13 Mock Exam Revision

Subject	Product Design	Exam Board	Edexcel	Number of Exams plus length	1 x 2.5 hours
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Structure of Papers

Short and long answer exam questions – some drawing required – calculators necessary

Revision Topic List

Topic 1: Materials

Topic 2: Performance characteristics of materials

Topic 3: Processes and techniques

Topic 4: Digital technologies

Topic 5: Factors influencing the development of products

Topic 6: Effects of technological developments

Topic 7: Potential hazards and risk assessment

Topic 8: Features of manufacturing industries

Topic 9: Designing for maintenance and the cleaner environment

Topic 10: Current legislation

Topic 11: Information handling, Modelling and forward planning

Topic 12 Further processes and techniques

Leventhorpe Year 13 Mock Exam Revision

Subject	Religion, Philosophy and Ethics	Exam Board	OCR	Number of Exams plus length	2 papers 2 hours each
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Structure of Papers

2 Papers lasting 2 hours long. Each paper will have 5 questions and 3 will need to be answered. You should spend 40 minutes on each question.

There will be a restructure to the usual papers that you sit. As we have 2 papers only, the **first** paper will consist of 3 Philosophy and 2 development in Christian thought questions. 2 Philosophy questions need to be answered and 1 DCT question. The **second** paper will consist of 3 Ethics and 2 development in Christian thought questions. 2 Ethics questions need to be answered and 1 DCT question.

Overall, this will ensure that you have answered 2 questions from each 3 topic areas.

Revision Topic List:

Philosophy:

Ancient Philosophical influences
Soul, Mind and Body
Arguments based on observation
Arguments based on reason
Religious Experience
The Problem of Evil
The Nature of God
Religious Language
Religious Language 20th Century perspectives

Ethics:

Natural Law
Situation Ethics
Kantian Ethics
Utilitarianism
Euthanasia
Business Ethics
Meta-Ethics
Conscience
Sexual Ethics

DCT:

Augustine's teaching on human nature
Death and the afterlife
Knowledge of God's existence
The person of Jesus Christ
Christian moral principles
Christian moral action

Please focus on essay technique and on your ability to write detailed, critical essays in the timed conditions. All the revision materials you should need are in your folders and in your text books. You may also want to consult:

<https://divinityphilosophy.net/>

<http://www.rsrevision.com/contents/index.htm>

<http://peped.org/>

<https://mrlivermore.pushmepress.com/category/a2-level/>

<http://www.philosopherkings.co.uk/>

Leventhorpe Year 13 Mock Exam Revision 2018-19

Subject	Psychology	Exam Board	AQA	Number of Exams plus length	2x 60 minute
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Structure of Papers

2 sections in each paper-24 marks each section

48 marks per paper

2 papers of 60 mins each on two separate days

Revision Topic List

Attachment year - 12 content

Social Influence – yr 12 content

Psychopathology – yr 13 content

Memory- yr 12 content

Learning approach

Cognitive approach

Biological approach

Mark Judge

Subject Lead 2018-20

Leventhorpe Year 13 Mock Exam Revision

Subject

POLITICS

Exam Board

Number of Exams
plus length

Structure of Papers

Revision Topic List

3.2.1 Government and politics of the USA

3.2.1.1 The constitutional framework of US government

3.2.1.2 The legislative branch of government: Congress

3.2.1.3 The executive branch of government: President

You also need to be able to directly compare all this with the UK Political System

3.2.2.1 Constitutional arrangements

3.2.2.2 The executives

You must know the definitions of Structural, Cultural and Rational Theory

Leventhorpe Year 13 Mock Exam Revision

Subject	SOCIOLOGY	Exam Board	AQA	Number of Exams plus length	2 x 1hr 15mins
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Structure of Papers

Paper One: Crime & Deviance (4,6, 10 & 30 mark questions)

Paper Two: Education (4,6, 10 & 30 mark questions)

Revision Topic List

Crime

- crime, deviance, social order and social control
- the social distribution of crime and deviance by ethnicity, gender and social class, including recent patterns and trends in crime
- globalisation and crime in contemporary society; the media and crime; green crime; human rights and state crimes
- crime control, surveillance, prevention and punishment, victims, and the role of the criminal justice system and other agencies.

Education

- the role and functions of the education system, including its relationship to the economy and to class structure
- differential educational achievement of social groups by social class, gender and ethnicity in contemporary society
- relationships and processes within schools, with particular reference to teacher/pupil relationships, pupil identities and subcultures, the hidden curriculum, and the organisation of teaching and learning
- the significance of educational policies, including policies of selection, marketization 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

Leventhorpe Year 13 Mock Exam Revision

Subject	SPANISH	Exam Board	Edexcel	Number of Exams plus length	3 exams: 2 written (2 hours & 2 hours 40 mins) 1 speaking exam (21-23 mins)
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Structure of Papers

Paper 1 – Listening, reading & Translation (80 marks) – 2 hours

- Section A: Listening - 4 passages with questions & answers in Spanish (30 marks) – 50 mins
- Section B: Reading – 5 texts with questions & answers in Spanish (30 marks) – 50 mins
- Section C: Translation into English (20 marks) – 20 minutes

Paper 2 – Written Response to works and translation (120 marks) – 2 hours 40

- Section A: Translation (into Spanish) (20 marks) – 30 mins
- Section B: Written Response to Works (Literary Texts) (50 marks) – 65 mins
- Section C: Written Response to Works (Films) (50 marks) – 65 mins

Paper 3 – Speaking (72 marks) – 21-23 mins including 5 mins preparation time

- Task 1: Discussion on a theme (6-7 mins)
 - Part 1: 2 compulsory questions & appropriate follow up questions relating to chosen sub-theme.
 - Part 2: Broader discussion on other aspects of the overall theme
- Task 2: Mini-independent research (10-11mins)
 - Part 1: Presentation of research on 1 text (not exceeding 2 mins)
 - Part 2: Discussion on the text

Please note that for the purpose of the Mock Exam, the original format of the final examination (part 2 of Task 2 of Speaking examination ONLY) will have to be slightly modified as students cannot be asked about the Independent Research Project they are working on for the final exam. This part of the examination in the final exam will be as follows:

- *Task 2: Independent Research Project (10-11 mins)*
 - *Part 1: Presentation of Independent Research Project (not exceed 2 mins)*
 - *Part 2: Discussion on independent research*

Revision Topic List:

Paper 1:

Theme 1: Evolution of Spanish society (family, work and tourism)

Theme 2: Culture in the Spanish speaking world (music, media and traditions)

Theme 3: Immigration and multicultural society in Spain

Theme 4 : Franco's dictatorship and the Spanish Civil War

Extended vocabulary list

Translation into English techniques

Grammar topics studied

Paper 2:

- El laberinto del fauno
- La casa de Bernarda Alba
- Literary & film vocabulary & expressions
- Translation techniques
- Grammar rules

Paper 3:

Same topics as Paper 1

Extended vocabulary list

Grammar topics studied

Leventhorpe Year 13 Mock Exam Revision

Subject	TEXTILES	Exam Board	Edexcel	Number of Exams plus length	1 x 2.5 hours
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Structure of Papers

Short and long answer exam questions – some drawing required – calculators necessary

Revision Topic List

Fibres – Structures and Properties

Fabric Structures – Woven, Knitted and Non-woven – Production, Uses and Properties

Finishes – Physical, Chemical and Biological

Fabric Testing

Maintenance/Care of Textiles

Environmental Issues

Pattern Drafting

Health and Safety

Fashion Cycles

Product Analysis and Design Justification

Maths Topics – Percentages, Pie-charts, Surface Areas, Histograms