



VALLEY PARK
S C H O O L

Year 12
Mock Examinations
27 April - 8 May

Revision
Booklet

COMPUTER SCIENCE

OVERVIEW

PAPER 1

The characteristics of contemporary processors, input, output and storage devices • Software and software development • Exchanging data • Data types, data structures and algorithms • Legal, moral, cultural and ethical issues

PAPER 2

Elements of computational thinking • Problem solving and programming • Algorithms to solve problems and standard algorithms

WEEK 1 REVISION FOCUS

16-20 March

- ▶ Binary conversions - including two's complement, sign and magnitude, hexadecimal, floating and fixed point binary.
- ▶ Computational Thinking skills - decomposition, abstraction and data mining

WEEK 2 REVISION FOCUS

23-27 March

- ▶ Boolean Algebra - including rules, maps and simplification.
- ▶ Key programming skills and pseudocode skills.

WEEK 3 REVISION FOCUS

30 March - 3 April

- ▶ Networking.
- ▶ Key programming skills and pseudocode skills.

WEEK 4 REVISION FOCUS

Easter W1 - 6-10 April

- ▶ Hardware and Software.
- ▶ Key programming skills and pseudocode skills.

WEEK 5 REVISION FOCUS

Easter W2 - 13-17 April

- ▶ Legal, Ethical, Cultural and Moral Issues.
- ▶ Key programming skills and pseudocode skills.

WEEK 6 REVISION FOCUS

20-24 April

- ▶ Long Answer Questions.
- ▶ Key programming skills and pseudocode skills.

RESOURCES

- ▶ TeachICT
- ▶ Isaac Computing
- ▶ Textbooks
- ▶ Presentations within Teams
- ▶ MathsAndPhysicsTutor
- ▶ CSRevise
- ▶ CSWizard

USEFUL LINKS



CAMBRIDGE
OCR



ENGLISH OVERVIEW

PAPER 3: POETRY

*Post 2000 poetry
comparison with an unseen
poem*

PAPER 2: PROSE

The Handmaid's Tale

WEEK 1 REVISION FOCUS

16-20 March

- ▶ Poetry- using the revision grids and resources you created, pick 5 poems you feel least confident in and research/analyse so you clearly understand them.
- ▶ The Handmaid's Tale- Identify key themes and track moments across the novel that evidence these themes; include key quotations and links to context.

WEEK 2 REVISION FOCUS

23-27 March

- ▶ Poetry- using your grids and resources, pick 5 different poems from last week and research/analyse so you clearly understand them.
- ▶ The Handmaid's Tale - Identify key moments from the narrative and explore its structural features, e.g. fragmented narrative; historical notes; first-person perspective; biblical allusion.

WEEK 3 REVISION FOCUS

30 March - 3 April

- ▶ Poetry- using your grids and resources, pick 5 more poems different to the last 2 weeks and research/analyse so you clearly understand them.
- ▶ Re-read chapters you didn't understand the first time and summarise them. Research further to clarify any remaining misunderstandings.

WEEK 4 REVISION FOCUS

Easter W1 - 6-10 April

- ▶ Poetry - Find an unseen poem from past papers online. Read and annotate it using the 5 steps to unseen poetry approach. Plan an essay response to the question and poem from the past paper.
- ▶ The Handmaid's Tale - Identify Paper 2 questions from past papers. Choose one and plan your response using The Handmaid's Tale.

WEEK 5 REVISION FOCUS

Easter W2 - 13-17 April

- ▶ Poetry - Find an unseen poem from past papers online. Read and annotate it using the 5 steps to unseen poetry approach. Plan an essay response to the question and poem from the past paper.
- ▶ The Handmaid's Tale - Identify Paper 2 questions from past papers. Choose one and plan your response using The Handmaid's Tale.

WEEK 6 REVISION FOCUS

20-24 April

- ▶ Poetry - Using your plans, spend an hour writing timed practice responses to past exam papers you've studied.
- ▶ The Handmaid's Tale - Identify Paper 2 questions from past papers. Choose one and plan your response using The Handmaid's Tale.

RESOURCES

- ▶ Poetry- Using your plans, give yourself 1 hour to write timed practice responses to the past exam papers that you explored.
- ▶ The Handmaid's Tale - Using your essay plans, time yourself answering a Handmaid's essay question.

USEFUL LINKS

The logo for 'revision world' features the text 'revision world' in a green, rounded font. A green arrow starts under the 'i' in 'revision' and points to the 'o' in 'world'.

**EDEXCEL A-LEVEL
ENGLISH LITERATURE
PAST PAPERS**



GEOGRAPHY OVERVIEW

PAPER 1 (Physical Geography) TECTONICS AND COASTS

PAPER 2 (Human Geography) GLOBALISATION AND REGENERATION

WEEK 1 REVISION FOCUS 16-20 March

- ▶ Tectonics Enquiry Question 1: Why are some locations more at risk from tectonic hazards?
- ▶ Globalisation Enquiry Question 1: What are the causes of globalisation and why has it accelerated in recent decades?

WEEK 2 REVISION FOCUS 23-27 March

- ▶ Tectonics Enquiry Question 2: Why do some tectonic hazards develop into disasters?
- ▶ Globalisation Enquiry Question 2: What are the impacts of globalisation for countries, different groups of people, cultures and the physical environment?

WEEK 3 REVISION FOCUS 30 March - 3 April

- ▶ Tectonics Enquiry Question 3: How successful is the management of tectonic hazards and disasters?
- ▶ Globalisation Enquiry Question 3: What are the consequences of globalisation for global development and the physical environment and how should different players respond to its challenges?

WEEK 4 REVISION FOCUS Easter W1 - 6-10 April

- ▶ Coasts Enquiry Question 1: Why are coastal landscapes different and what processes cause these differences?
- ▶ Regeneration Enquiry Question 1: How and why do places vary?

WEEK 5 REVISION FOCUS Easter W2 - 13-17 April

- ▶ Coasts Enquiry Question 2: How do characteristic coastal landforms contribute to coastal landscapes?
- ▶ Regeneration Enquiry Question 2: Why might regeneration be needed?

WEEK 6 REVISION FOCUS 20-24 April

- ▶ Coasts Enquiry Question 3: How do coastal erosion and sea level change alter the physical characteristics of coastlines and increase risk?
- ▶ Regeneration Enquiry Question 3: How is regeneration managed?
- ▶ Regeneration Enquiry Question 4: How successful is regeneration?

RESOURCES

Students can access revision materials on their Teams class page:

- ▶ 12Z Geography - Shared - Class Materials - Edexcel A Level Revision Materials.

There are knowledge checklists/organisers, revision guides, case study flashcards and practice questions.

USEFUL LINKS


Edexcel A level
Geography





WEEK 1 REVISION FOCUS 16-20 March

- ▶ Paper 1, Britain: Why did industrial relations change, 1918-39? -
- ▶ Paper 2, USA: How far did the New Frontier programme achieve its aims?

WEEK 2 REVISION FOCUS 23-27 March

- ▶ Paper 1, Britain: Did living standards improve 1939-79?
- ▶ Paper 2, USA: "Carter was an unsuccessful president." How far do you agree with this interpretation of Carter's presidency?

WEEK 3 REVISION FOCUS 30 March - 3 April

- ▶ Paper 1, Britain: When did women experience the most rapid progress in their rights and freedoms, 1918-79?
- ▶ Paper 2, USA: How far did Carter, Nixon and Ford achieve their environmental aims?

WEEK 4 REVISION FOCUS Easter W1 - 6-10 April

- ▶ Paper 1, Britain: Was welfare after the Second World War completely different to welfare before?
- ▶ Paper 2, USA: How far was Martin Luther King still the lead of the Civil Rights Movement in the 1960s?

WEEK 5 REVISION FOCUS Easter W2 - 13-17 April

- ▶ Paper 1, Britain: How far did Thatcher's economic policies transform Britain?

WEEK 6 REVISION FOCUS 20-24 April

- ▶ Paper 1, Britain
- ▶ Paper 2, USA:
Focus on areas of personal weakness.

RESOURCES



USEFUL LINKS



Edexcel AS and A level
History (2015)



WE ARE
OPTION 1H AND 2H.2

MATHS OVERVIEW

PURE MATHS PAPER
2 Hours for 100 marks

Calculator required

CONTENT OF EXAM
Chapters 1-14 of the Pure Math Textbook

WEEK ONE REVISION FOCUS

16-20 March

- ▶ Chapter 1 - 6 - GCSE maths topics retrieval
- ▶ Algebraic expressions, Quadratics, Equations and Inequalities, Graphs and transformations and circles.

WEEK 2 REVISION FOCUS

23-27 March

- ▶ Chapter 7 and Chapter 8 on Algebraic Methods and Binomial Expansion.
- ▶ Complete the Practice Exam in the Textbook

WEEK 3 REVISION FOCUS

30 March - 3 April

- ▶ Chapter 9 and 10 on Trigonometric ratios, identities and equations.
- ▶ Complete past exam paper questions from the Mock revision folder in Teams.

WEEK 4 REVISION FOCUS

Easter W1 - 6-10 April

- ▶ Chapter 11 on Vectors.
- ▶ Complete past exam paper questions from the Mock revision folder in Teams.

WEEK 5 REVISION FOCUS

Easter W2 - 13-17 April

- ▶ Chapter 12 and 13 on Differentiation and Integration.
- ▶ Complete past exam paper questions from the Mock revision folder in Teams.

WEEK 6 REVISION FOCUS

20-24 April

- ▶ Chapter 14 on Exponentials and Logs.
- ▶ Complete past exam paper questions from the Mock revision folder in Teams.

RESOURCES

- ▶ Past exam papers and resources can be found on the Maths Class Team Folder of Mock Revision Resources.
- ▶ Online resources to use are Mathsgenie, PMT and Jethwamaths websites.

USEFUL LINKS

Maths Genie

Jethwa Maths

 **PHYSICS & MATHS TUTOR**

POLITICS OVERVIEW

PAPER 1

- *Rights protection*
- *Pressure groups*
- *Party Divisions*
- *General Elections*
- *Socialism & human nature*
- *Liberalism & Democracy*

WEEK 1 REVISION FOCUS 16-20 March

- ▶ Democracy and Participation
- ▶ Rights in the UK
- ▶ Context/Collective and Individual Rights/Civil Liberties/Case studies.

WEEK 2 REVISION FOCUS 23-27 March

- ▶ Democracy and Participation
- ▶ Pressure Groups and other influences
- ▶ Types/Factors for Success/Case studies/Lobbyists Think Tanks and Other Bodies

WEEK 3 REVISION FOCUS 30 March - 3 April

- ▶ Political Parties
- ▶ Established Political Parties
- ▶ Conflict and Divisions within the Parties

WEEK 4 REVISION FOCUS Easter W1 - 6-10 April

- ▶ Electoral Systems
- ▶ FPTP
- ▶ Strength and weaknesses/ Electoral Reform

WEEK 5 REVISION FOCUS Easter W2 - 13-17 April

- ▶ Voting Behaviour and the media
- ▶ Social factors/Political Context/Campaigns/3 General Election Case Studies/Turnout trends/Media Impact/Opinion Polls

WEEK 6 REVISION FOCUS 20-24 April

- ▶ Socialism and Human Nature/ Liberalism and Democracy

RESOURCES

- ▶ Question a Day Calendar
- ▶ Prechewed Politics
- ▶ Revision Folder on Team
- ▶ Revision Home Learning set on Edulink
- ▶ Paper 1 PLC
- ▶ Knowledge Tests
- ▶ Example Essays Book
- ▶ Learning Academy Politics Channel YouTube
- ▶ Knowledge organisers

USEFUL LINKS



Select subject year etc.

There is no page specifically for Politics exam papers.



PSYCHOLOGY OVERVIEW

PAPER 1

Social Influence
Memory
Attachment
Clinical psychology

WEEK 1 REVISION FOCUS 16-20 March

- ▶ Memory models of memory
multi store model
- ▶ The work memory model
- ▶ Reason for forgetting and Eye
witness testimony

WEEK 2 REVISION FOCUS 23-27 March

- ▶ Social influence
- ▶ Asch conformity
- ▶ Milgram's Obedience
- ▶ The F Scale
- ▶ Social support

WEEK 3 REVISION FOCUS 30 March - 3 April

- ▶ Attachment
- ▶ Animal studies
- ▶ The learning theory
- ▶ The monotropic and maternal
deprivation

WEEK 4 REVISION FOCUS Easter W1 - 6-10 April

- ▶ Clinical psychology
- ▶ Definitions of mental health

WEEK 5 REVISION FOCUS Easter W2 - 13-17 April

- ▶ Phobias
- ▶ Depression
- ▶ Explanations and treatments

WEEK 6 REVISION FOCUS 20-24 April

- ▶ Clinical psychology
- ▶ OCD treatments and
explanations

RESOURCES

PHYSICS &
MATHS TUTOR

USEFUL LINKS

AQA
Questions matter