

2024 Exam Revision Information Booklet

What do I need to remember about this exam?

- In the C questions, you **MUST** compare Catholic with Jewish, Liberal **OR** Fundamental Christians
- In the D questions, you **MUST** give an Atheist point of view as well as a Catholic view.
- Use Belief/Source/Impact in all your answers.

What do I need to revise for this exam?

Section 1: Origins & Meaning

- The stories of creation in Genesis 1 and 2
- Fundamental Christian views on creation (creationism)
- Catholic views on creation
- Creation Ex Nihilo and St Augustine
- Big Bang and Evolution
- The Bible: Inspiration and Word of God
- Imago Dei and St Catherine of Sienna
- The sanctity of life
- Catholic views on abortion
- Liberal Christian/Humanist views on abortion
- Stewardship
- Charities - CAFOD/SVP
- Catholic Social teaching – Work for Peace and Justice/interfaith dialogue
- Catholic art: Creation of Adam and the Tree of life



Key words for Paper 1:

Omnipotence
Stewardship
Inspiration
Transcendence
Imago Dei
Revelation
Creation ex nihilo
Evolution
Conscience
Evil
Free-will
Goodness
Incarnation
Natural Law
Privation
Suffering

Section 2: Good & Evil

- The Problem of Evil
- Different religious views on the origins of evil
- Catholic views on where evil comes from
- Catholic theodicies—St Augustine and St Irenaeus
- The Trinity
- Free will and conscience
- Natural Law
- Can good come from evil?
- The incarnation and Jesus' suffering
- Virtues
- The Rosary
- Pilgrimage
- Catholic art: Statues—Michelangelo's Pieta.



Where can I find help with revision?

- Use the knowledge organisers your teacher has given you
- Check your class team for revision powerpoints/resources.
- Log on to teams the night before to listen in to a live revision session (also recorded to watch later)
- Mr McMillan on youtube – EDUQAS Route B exam board

What do I need to remember about this exam?

Read the whole question carefully before attempting to answer it

Use the correct keywords

Remember you can bullet point your answers to 6-mark questions

Show all your working in calculations and remember units and conversions

Answer all questions and if struggling use a process of elimination or have an educated guess!

What do I need to revise for this exam?

Topics	Required Practicals
B1 Cell biology	B1- Microscopy
B2 Organisation	B1- Osmosis
B3 Infection and response	B2- Food tests
B4 Bioenergetics	B2- Enzymes and pH
	B3- Aseptic technique
	B4- Photosynthesis

Cell Biology Topics

- Animal and plant cells
- Eukaryotes and prokaryotes
- Cell specialisation and differentiation
- Microscopy
- Cell culture
- Cell division
- Transport in cells

Organisation Topics

- Organisation principles
- The human digestive system
- The heart and blood vessels
- Non-communicable disease (heart disease)
- Health issues
- Lifestyle effects of some non-communicable diseases
- Cancer
- Plant tissues
- Organ system of plants

Infection and Response Topics

- Communicable (infectious) diseases
- Viral diseases
- Bacterial diseases
- Fungal diseases
- Protist diseases
- Human defence systems
- Vaccination
- Antibiotics and painkillers
- Discovery and development of drugs
- Monoclonal antibodies
- Plant disease

Bioenergetics Topics

- Photosynthesis reaction
- Rate of photosynthesis
- Glucose use from photosynthesis
- Aerobic and anaerobic respiration
- Response to exercise
- Metabolism

Where can I find help with revision?

Educake : educake.co.uk

Seneca learning <https://senecalearning.com/en-GB/>

<https://www.freesciencelessons.co.uk/videos/>

Speak to your teacher!

Teams class pages and resources

Revision guide

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What do I need to revise for this exam? use the revision guide

Topic B1 — Cell Biology

Cells.....	11
Microscopy.....	12
More on Microscopy.....	13
Cell Differentiation and Specialisation.....	14
Chromosomes and Mitosis.....	15
Stem Cells.....	16
Diffusion.....	17
Osmosis.....	18
Active Transport.....	19
Exchange Surfaces.....	20
Exchanging Substances.....	21
More on Exchanging Substances.....	22
Revision Questions for Topic B1.....	23

Topic B2 — Organisation

Cell Organisation.....	24
Enzymes.....	25
Investigating Enzymatic Reactions.....	26
Enzymes and Digestion.....	27
More on Enzymes and Digestion.....	28
Food Tests.....	29
The Lungs.....	30
Circulatory System — The Heart.....	31
Circulatory System — Blood Vessels.....	32
Circulatory System — Blood.....	33
Cardiovascular Disease.....	34
More on Cardiovascular Disease.....	35
Health and Disease.....	36
Risk Factors for Non-Communicable Diseases.....	37
Cancer.....	38
Plant Cell Organisation.....	39
Transpiration and Translocation.....	40
Transpiration and Stomata.....	41
Revision Questions for Topic B2.....	42

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B2 Organisation	B1- Osmosis
B3 Infection and response	B2- Food tests
B4 Bioenergetics	B2- Enzymes and pH
	B4- Photosynthesis

Topic B3 — Infection and Response

Communicable Disease.....	43
Viral, Fungal and Protist Diseases.....	44
Bacterial Diseases and Preventing Disease.....	45
Fighting Disease.....	46
Fighting Disease — Vaccination.....	47
Fighting Disease — Drugs.....	48
Developing Drugs.....	49

Topic B4 — Bioenergetics

Photosynthesis and Limiting Factors.....	50
The Rate of Photosynthesis.....	51
Respiration and Metabolism.....	54
Aerobic and Anaerobic Respiration.....	55
Exercise.....	56
Revision Questions for Topics B3 & B4.....	57

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Bacterial Diseases.....	43
Viral Diseases.....	44
Fungal and Protist Diseases.....	45
Fighting Disease.....	46
Fighting Disease — Vaccination.....	47
Fighting Disease — Drugs.....	48
Developing Drugs.....	49

Topic B4 — Bioenergetics

Photosynthesis.....	50
The Rate of Photosynthesis.....	51
Respiration and Metabolism.....	53
Aerobic and Anaerobic Respiration.....	54
Exercise.....	55
Revision Questions for Topics B3 & B4.....	56

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Cells.....	11
Microscopy.....	12
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Cell Differentiation and Specialisation.....	14
Chromosomes and Mitosis.....	15
Stem Cells.....	16
Diffusion.....	17
Osmosis.....	18
Active Transport.....	19
Exchanging Substances.....	20
More on Exchanging Substances.....	21
Revision Questions for Topic B1.....	23

Topic B2 — Organisation

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Cancer.....	37
Plant Cell Organisation.....	38
Transpiration and Translocation.....	39
Transpiration and Stomata.....	40
Revision Questions for Topic B2.....	41

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Revision guide

What do I need to remember about this exam?

You need to answer the 'Macbeth' question in Section A. There are also 4 SPAG marks available for this question. Spend approx. 55 minutes on this task

You need to answer the 'A Christmas Carol' question in Section B. Spend approx. 50 minutes on this task.

Both questions include an extract from the text. You must discuss the extract **AND** other parts of the text.

What do I need to revise for this exam?

For both texts you need to have a confident understanding of:

- The plot
- The main characters
- Key themes
- Context
- Key quotations (learn some).

Skills you need to include:

- Analysing the language of the text. Picking key words from quotations to closely analyse.
- Including subject terminology when discussing the methods used by the writer.
- Having a clear line of argument in your response.
- Making relevant links to context.

Macbeth	A Christmas Carol
Macbeth, Lady Macbeth, their relationship. Macduff, Banquo, the Witches.	Scrooge, the Cratchits, Fred, the Ghosts.
Ambition, the supernatural, guilt, power.	Christmas, redemption, family.
Gender roles, Jacobean beliefs, witchcraft, The Great Chain of Being, James I. Conventions of tragedy plays.	Poverty, workhouses, religion, Victorian Christmas. Dickens' intentions/message.

Where can I find help with revision?

BBC Bitesize

YouTube Mr Bruff Videos

AQA website for examples of past papers

Your own copies of the texts

What do I need to remember about this exam?

There will be different question types in this exam, including multiple choice, short answer and longer answer.

Look at the number of marks for a question and give enough valid points within your answer.

Read each question carefully.

What do I need to revise for this exam?

Topic Area 1: Issues which affect participation in sport
1.1 User groups
1.2 Possible barriers
1.3 Possible barrier solutions
1.4 Factors which can positively and negatively impact upon the popularity of sport in the UK
1.5 Emerging/new sports in the UK
Topic Area 2: The role of sport in promoting values
2.1 Sport values
2.2 The Olympic and Paralympic movement
2.3 Sporting values initiative and campaigns
2.4 The importance of etiquette AND sporting behaviour
2.5 The use of Performance Enhancing Drugs (PEDs) in
Topic Area 3: The implications of hosting a major sporting event for a city or country
3.1 The features of a major sporting event
3.2 Positive and negative pre-event aspects of hosting a major sporting event
3.3 Potential positive and negative aspects of hosting a major sporting event
Topic Area 4: The role National Governing Bodies (NGBs) play in the development of their sport
4.1 National Governing Bodies (NGBs)
Topic Area 5: The use of technology in sport
5.1 The role of technology in sport
5.2 Positive and negative effects of the use of technology in sport

Where can I find help with revision?

YouTube, BBC Bitesize, OCR website for past papers, or see Mr Hall or Mr Raper.

What do I need to remember about this exam?

See below

What do I need to revise for this exam?

Question 1 - *Dracula* (Genre, Narrative, Contexts) 3 Stepped Questions

Question 2 - *The Lost Boys* (Genre, Narrative, Contexts) 3 Stepped questions

Question 3 - Comparison of *Dracula* and *The Lost Boys*. (Genre, Narrative, Contexts) Comparison - bullet points to respond to.

Question 4 - Film History (Timeline) Film History. Learn it and remember it!

Question 5 - *Whiplash* (Specialist writing) Answer in light of the specialist writing. **Refer to the key idea in the writing!**

Where can I find help with revision?

Use these **essential** sheets from the exam board:

https://resource.download.wjec.co.uk/vtc/2021-22/wjec21-22_7-1/pdf/film-factsheet-dracula.pdf

https://resource.download.wjec.co.uk/vtc/2021-22/wjec21-22_7-2/pdf/film-factsheet-the-lost-boys.pdf

[https://resource.download.wjec.co.uk/vtc/2016-17/16-17_1-23/ eng/whiplash.pdf](https://resource.download.wjec.co.uk/vtc/2016-17/16-17_1-23_eng/whiplash.pdf)

<https://www.wjec.co.uk/umbraco/surface/blobstorage/download?nodeId=36189>

What do I need to revise for this exam?

Conflict and Tension

- ❑ **Part One – Peace-making** = Big Three, Terms of TOV, Impact of wider peace settlement
- ❑ **Part Two – League of Nations** = Formation, Membership, Powers, Successes/ Failures in 1920s, Locarno Treaties and Kellogg-Briand Pact, Effects of the Depression, Manchuria, Abyssinia
- ❑ **Part Three – Origins and Outbreak of WW2** = Hitler's foreign policy aims, German Re-armament – conscription, Stresa Front, Anglo-German Naval Agreement, Remilitarisation of the Rhineland, Rome-Berlin Axis, Anti-Comintern Pact, Anschluss, Sudeten Crisis, Appeasement and Munich Agreement, Occupation of Czechoslovakia, Nazi-Soviet Pact, Invasion of Poland

Germany

- ❑ **Part One: Germany and Growth of Democracy** = The Kaiser – parliamentary government, Prussian militarism, industrialisation, socialism, naval laws, Impact of WW1 – Economic problems, defeat, abdication, occupation of the Ruhr and Hyperinflation, Weimar Republic – political unrest 1919-1923 (Spartacists, Kapp Putsch, Munich Putsch), Stresemann recovery (1924-1929)
- ❑ **Part Two: Germany and the Depression** = Growth in support for the Nazis – 1928-1932, Hitler's appeal, Failure of democracy – elections and chancellors (Von Papen, Von Schleicher), Hitler appointed as Chancellor, Establishing the dictatorship – Reichstag Fire, Enabling Act, Elimination of political opposition, trade unions, Night of Long Knives, Fuhrer
- ❑ **Part Three: Experiences of the Germans under Nazi Rule** = Economic Changes – benefit, employment, public works, rearmament, self-sufficiency, impact of WW2, Social Changes – Hitler Youth and Education, Women, Religion, Persecution, Final Solution, Control – Goebbels, propaganda, censorship, culture, police state (Himmler, SS, Gestapo), Opposition – White Rose, Swing Youth, Edelweiss Pirates, July 1944 Bomb Plot

How do I answer the exam questions?

Conflict / 44	Germany / 40
1. Source A supports/ opposes _____. How do you know? [4 Marks]	1. How do the authors of Interpretations A and B differ? [4 Marks] CONTENT
2. How useful are Sources B and C to a historian studying _____? [12 Marks]	2. Why do the authors of Interpretations A and B differ? [4 Marks] PROVENANCE
3. Write an account of _____. [8 Marks]	3. Which interpretation do you find most convincing about _____? [8 Marks] CONTENT – NEVER PROVENANCE
4. "_____ was the main reason for the _____". How far do you agree? [16 Marks + 4 SPAG]	4. Describe two _____. [4 Marks]
	5. In what ways were _____ affected by _____? [8 Marks]
	6. Which of the following was the most important reason for _____? - Bullet Point One - Bullet Point Two [12 Marks]

Where can I find help with revision?

Exercise Books, BBC Bitesize, Tiktok - @MrAtkoHistoryTeacher, YouTube, CleverLili

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What do I need to remember about this exam?

- This is the **computer systems theory** paper
- Any diagrams should be drawn in pencil
- Use keywords and vocabulary learnt in class – see below
- Read the questions **carefully**, especially number system conversion

What do I need to revise for this exam?

Topic	Reference Code	Subtopic
1. Systems Architecture	1.1.1	Architecture of the CPU
	1.1.2	CPU Performance
	1.1.3	Embedded Systems
1.2 Memory and Storage	1.2.1	Primary Storage (Memory)
	1.2.2	Secondary Storage
	1.2.3	Units of Data Storage
	1.2.4	Data Storage: Numbers Characters Images Sound
	1.2.5	Compression
1.3 Computer Networks, Connections, and Protocols	1.3.1	Networks and Topologies
	1.3.2	Wired and Wireless Networks, Protocols and Layers
1.4 Network Security	1.4.1	Threats to Computer Systems and Networks
	1.4.2	Identifying and Preventing Vulnerabilities
1.5 Systems Software	1.5.1	Operating Systems
	1.5.2	Utility Software
1.6 Ethical, Legal, Cultural, and Environmental Impacts	1.6.1	Ethical, Legal, Cultural, and Environmental Impact Legal Acts

Key words for Paper 1:

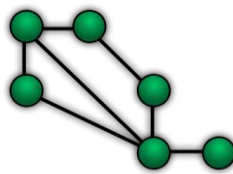
- CPU
- Fetch-execute cycle
- ALU
- Registers
- Von Neumann architecture
- Program Counter
- Accumulator
- MAR/MDR
- Clock speed
- Cache
- Cores
- RAM
- ROM
- Virtual Memory
- Secondary Storage
- Solid State
- Magnetic
- Optical
- LAN
- WAN
- Client-server
- Peer-to-peer
- TCP/IP
- HTTP(S)
- SMTP
- POP/IMAP
- FTP
- Firewall
- Malware
- Encryption
- Operating System



Fragmented Disk



Defragmented Disk



Mesh



Star

Where can I find help with revision?



- Seneca Learning
- CSNewbs
- Computer Science GCSE Guru
- BBC Bitesize
- YouTube – Craig 'n Dave

- <https://senecalearning.com/>
- <https://www.csnewbs.com/>
- <https://www.computerscience.gcse.guru/>
- <https://www.bbc.co.uk/bitesize>
- <https://www.youtube.com/craigndave>

What do I need to remember about this exam?

Non-Calculator,
You will have a formula sheet

What do I need to revise for this exam?

Grade 3	Finding the nth Term of a Sequence	Pie Charts	Simultaneous Equations Graphically	Exact Trigonometric Values	Similarity (Area and Volume)
Decimals	Currency Exchange	Stem and Leaf Diagrams	Similar Shapes	Grade 6	Sine Rule, Cosine Rule, Area
Negatives Numbers	Ratio (Sharing)	Scatter Diagrams	Grade 5	Vectors	Probability (And and Or)
Fraction of an Amount	Percentage Increase & Decrease	Averages from a table	The Difference of Two Squares	Triple Brackets	Histograms
Fractions 4 operations	Percentage Change	Grade 4	Equation of a Straight Line $y=mx+c$	Iteration (Trial and Improvement)	Grade 8/9
BIDMAS	Reverse Percentage	Forming Equations	Roots and Turning Points of Quadratics Graphs	Transformations	Upper and Lower Bounds
Reciprocals	Surface Area of a Prism	Index Notation	Cubic & Reciprocal Graphs	Circle Theorems	Simplifying Surds
Product of Primes	Volume of a Cuboid		Geometric Progressions	Cumulative Frequency	Rationalising the Denominator
HCF & LCM	Parts of a Circle	Midpoint of a Line on a Graph	Compound Interest and Depreciation	Boxplots	Perpendicular Lines
Standard Form	Area and circumference of a Circle		Congruent triangles	Grade 7	Completing the Square
Fractions, Decimals, Percentages	Angles in Parallel Lines	Expand and factorise Brackets	Sectors of a Circle	Fractional Indices	Algebraic Fractions
Substitution	Angles in a Triangle	Solving Equations	Trigonometry	Rearranging difficult Formulae	Quadratic Simultaneous Equations
Volume of a Prism	Angle of Polygons	Rearranging Formulae and Equations	Spheres, Pyramids, Cones	Algebraic Proof	Quadratic Inequalities Solving
Straight Line Graphs	Bearings	Pythagoras' Theorem	Tree Diagrams	Equation of a Circle	Finding the nth Term of a Quadratic Sequence
The Gradient of a Line	Experimental Probabilities	Inequalities on a Line	Stratified sampling	Direct and Inverse Proportion	Functions
Generating a Sequences	Venn Diagrams	Solving Linear Inequalities	Frustums	Quadratic Formula	Velocity-time graphs & Rate of Change

Where can I find help with revision?

Websites: Sparx Maths, Maths Ginie, onmaths, corberttmaths.
All have topic-based questions, papers and predicted papers.

Exam: Maths Paper 1 Tier F **Length of Exam:** 1h 30 mins **Date:** 16/5/24 AM

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Non Calculator, You will have a formula sheet

What do I need to revise for this exam?

Grade 1	Measuring Angles	Product of Primes	Percentage Increase & Decrease	Bounds Introduction
Ordering Decimals, Fractions	Drawing Angles	Highest Common Factor Lowest Common Multiple	Percentage Change	Midpoint of a Line on a Graph
Coordinates	Transformation - Reflections	Squares, Cubes and Roots	Reverse Percentage	Expanding Double Brackets
Polygons	Transformation - Rotations	Indices	Simple Interest	Solving Equations
The Probability Scale	Transformation - Translations	Standard Form	Metric Conversions	Rearranging Formulae and Equations
Tally Charts	Plans and Elevations	Fractions, Decimals, Percentages	Surface Area of a Prism	Pythagoras' Theorem
Bar Charts	Perimeters	Change to a Percentage	Volume of a Cuboid	Tree Diagrams (Basic)
Pictograms	Area Rectangle, Triangle, parallelogram, Trapezium	Rounding to Significant Figures	Parts of a Circle	Inequalities on a Line
Grade 2		Estimating	Area and circumference Circle	Solving Linear Inequalities
Add Subtract, Multiply and divide whole numbers, decimals and fractions.	Frequency Trees and Probability	Expanding and factorise (Single Brackets)	Angles in Parallel Lines	Simultaneous Equations Graphically
	Probability Listing Outcomes	Substitution	Angles in a Triangle	Similar Shapes
Fraction of a Shape	Calculating Probabilities	Volume of a Prism	Angle of Polygons	Grade 5
Equivalent Fractions	Two-Way Tables	Straight Line Graphs	Bearings	Equation of a Straight Line $y=mx+c$
Simplifying Fractions	Averages and Range	The Gradient of a Line	Scatter Diagrams	Trigonometry (exact values)
Factors, Multiples	Grade 3	Solving Equations	Venn Diagrams	Vectors - Introduction
Primes	Ratio (Sharing)	Changing the Subject of a Formula	Pie Charts	Roots and Turning Points of Graphs
Rounding	Negatives Numbers	Generating a Sequences	Stem and Leaf Diagrams	Cubic & Reciprocal Graphs
Generating a Sequence	Fraction of an Amount	Finding the nth Term of a Sequence	Grade 4	Geometric Progressions
Angles on a Line	BIDMAS	Currency Exchange	Forming Equations	Compound Interest and Depreciation
Angles at a Point	Reciprocals	Averages from a table	Index Notation	Congruent triangles

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- Use Belief/Source/Impact in all of your answers.
- C questions use the word 'BECAUSE' at least 3 times to fully explain.
- D questions – give 2 views, evaluate if it is a strong or weak argument and finish with a conclusion

What do I need to revise for this exam?

Section 1: Life & Death

- Is death the end? Paranormal and non-religious beliefs
- Catholic views on life after death
- Resurrection- St Paul's letter to Corinthians
- Judgement – Parables Rich man and Lazarus/Sheep and Goats
- Assisted suicide and euthanasia
- Catholic Church's view on euthanasia/palliative care and hospices
- The Magisterium and Second Vatican council
- Funeral rites
- The paschal candle and beliefs in the resurrection
- The purpose of Prayer
- The meaning of the 'Our Father' – Lord's prayer
- Catholic art: Sarcophagus with scenes of the passion and Music used in worship e.g. Faure's Requiem used at funerals

Section 2: Sin & Forgiveness

- Crime and sin
- Morality – absolutism and relativism
- Theories of Punishment – retribution, reform, protect, deterrence
- Catholic teaching on forgiveness – e.g. 77times, turn the other cheek
- Capital punishment
- Catholic teaching on capital punishment – St Augustine/ Pope John Paul II
- Salvation
- Hell or mercy? Does God forgive everyone? Is hell empty?
- The Church as One, Holy, Catholic and Apostolic – The nature/4 marks of the Church.
- The Church as the Body of Christ
- Mary as a model for the Church – Faith/Dedication/Discipleship
- The seven sacraments and salvation – Eucharist – source and summit of Christian life.
- Evangelisation – spreading the good news of the Gospel
- Catholic art: the Church building – architecture and internal features.



Key words for Paper 2:

Death
Eternal life
Heaven
Hell
Soul
Judgement
Magisterium
Resurrection
Absolutism
Relativism
Eucharist
Evangelisation
Forgiveness
Punishment
Salvation
Sin

Where can I find help with revision?

- Use the knowledge organisers your teacher has given you
- Check your class team for revision PowerPoints/resources.
- Log on to teams the night before to listen in to a live revision session (also recorded to watch later)
- Mr McMillan on YouTube – EDUQAS Route B exam board

What do I need to remember about this exam?

Do diagrams in pencil

Use keywords and vocabulary

Read all the questions as a rough guide 6 marker questions spend 6-10 minutes on.

You can bullet point your answers and answer all questions

Show all your working in calculation and drop in the values into the equations first then rearrange.

What do I need to revise for this exam?

Chemistry Paper 1 (Topics 1-5)

1. Atomic structure and the periodic table
2. Bonding, structure, and the properties of matter
3. Quantitative chemistry
4. Chemical changes
5. Energy changes

Required practical content which will be examined:

Making soluble salts (Unit 4)

Electrolysis (Unit 4)

Temperature changes (Unit 5)

[Separate ONLY - Neutralisation (Unit 4)]

Topic 1 — Atomic Structure and the Periodic Table

Atoms.....	12
Elements.....	13
Compounds.....	14
Chemical Equations.....	15
Mixtures and Chromatography.....	16
More Separation Techniques.....	17
Distillation.....	18
The History of The Atom.....	19
Electronic Structure.....	20
Development of the Periodic Table.....	21
The Modern Periodic Table.....	22
Metals and Non-Metals.....	23
Group 1 Elements.....	24
Group 7 Elements.....	25
Group 0 Elements.....	26
Revision Questions for Topic 1.....	27

Topic 2 — Bonding, Structure and Properties of Matter

Formation of Ions.....	28
Ionic Bonding.....	29
Ionic Compounds.....	30
Covalent Bonding.....	31
Simple Molecular Substances.....	32
Polymers and Giant Covalent Structures.....	33
Allotropes of Carbon.....	34
Metallic Bonding.....	35
States of Matter.....	36
Changing State.....	37
Nanoparticles.....	38
Uses of Nanoparticles.....	39
Revision Questions for Topic 2.....	40

Topic 4 — Chemical Changes

Acids and Bases.....	51
Titration.....	52
Strong Acids and Weak Acids.....	53
Reactions of Acids.....	54
The Reactivity Series.....	55
Separating Metals From Metal Oxides.....	56
Redox Reactions.....	57
Electrolysis.....	58
Electrolysis of Aqueous Solutions.....	59
Revision Questions for Topic 4.....	60

Topic 3 — Quantitative Chemistry

Relative Formula Mass.....	41
The Mole.....	42
Conservation of Mass.....	43
The Mole and Equations.....	44
Limiting Reactants.....	45
Gases and Solutions.....	46
Concentration Calculations.....	47
Atom Economy.....	48
Percentage Yield.....	49
Revision Questions for Topic 3.....	50

Topic 5 — Energy Changes

Exothermic and Endothermic Reactions.....	61
More Exothermic and Endothermic Reactions.....	62
Bond Energies.....	63
Cells and Batteries.....	64
Fuel Cells.....	65
Revision Questions for Topic 5.....	66

Where can I find help with revision?

Educake <https://www.educake.co.uk/>

Seneca learning <https://senecalearning.com/en-GB/>

<https://www.freesciencelessons.co.uk/videos/>

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The Modern Periodic Table.....	22
Metals and Non-Metals.....	23
Group 1 Elements.....	24
Group 7 Elements.....	25
Group 0 Elements.....	26
Revision Questions for Topic 1.....	27

Topic 2 — Bonding, Structure and Properties of Matter

Formation of Ions.....	28
Ionic Bonding.....	29
Ionic Compounds.....	30
Covalent Bonding.....	31
Simple Molecular Substances.....	32
Polymers and Giant Covalent Structures.....	33
Allotropes of Carbon.....	34
Metallic Bonding.....	35
States of Matter.....	36
Changing State.....	37
Nanoparticles.....	38
Uses of Nanoparticles.....	39
Revision Questions for Topic 2.....	40

Topic 4 — Chemical Changes

Acids and Bases.....	51
Titration.....	52
Strong Acids and Weak Acids.....	53
Reactions of Acids.....	54
The Reactivity Series.....	55
Separating Metals From Metal Oxides.....	56
Redox Reactions.....	57
Electrolysis.....	58
Electrolysis of Aqueous Solutions.....	59
Revision Questions for Topic 4.....	60

Topic 3 — Quantitative Chemistry

Relative Formula Mass.....	41
The Mole.....	42
Conservation of Mass.....	43
The Mole and Equations.....	44
Limiting Reactants.....	45
Gases and Solutions.....	46
Concentration Calculations.....	47
Atom Economy.....	48
Percentage Yield.....	49
Revision Questions for Topic 3.....	50

Topic 5 — Energy Changes

Exothermic and Endothermic Reactions.....	61
More Exothermic and Endothermic Reactions.....	62
Bond Energies.....	63
Cells and Batteries.....	64
Fuel Cells.....	65
Revision Questions for Topic 5.....	66

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What do I need to revise for this exam?

Topic C1 — Atomic Structure and the Periodic Table

Atoms.....	96
Elements.....	97
Compounds.....	98
Chemical Equations.....	99
Mixtures and Chromatography.....	100
More Separation Techniques.....	101
Distillation.....	102
The History of the Atom.....	103
Electronic Structure.....	104

Development of the Periodic Table.....	105
The Modern Periodic Table.....	106
Metals and Non-Metals.....	107
Group 1 Elements.....	108
Group 7 Elements.....	109
Group 0 Elements.....	110
Revision Questions for Topic C1.....	111

Topic C2 — Bonding, Structure and Properties of Matter

Formation of Ions.....	112
Ionic Bonding.....	113
Ionic Compounds.....	114
Covalent Bonding.....	115
Simple Molecular Substances.....	116
Polymers and Giant Covalent Structures.....	117
Allotropes of Carbon.....	118
Metallic Bonding.....	119
States of Matter.....	120
Changing State.....	121
Revision Questions for Topic C2.....	122

Topic C3 — Quantitative Chemistry

Relative Formula Mass.....	123
The Mole.....	124
Conservation of Mass.....	125
The Mole and Equations.....	126
Limiting Reactants.....	127
Concentrations of Solutions.....	128

Topic C4 — Chemical Changes

Acids and Bases.....	129
Strong Acids and Weak Acids.....	130
Reactions of Acids.....	131
The Reactivity Series.....	132
Separating Metals from Metal Oxides.....	133
Redox Reactions.....	134
Electrolysis.....	135
Electrolysis of Aqueous Solutions.....	136
Revision Questions for Topics C3 & C4.....	137

Topic C5 — Energy Changes

Exothermic and Endothermic Reactions.....	138
More Exothermic and Endothermic Reactions.....	139
Bond Energies.....	140
Revision Questions for Topic C5.....	141

Topic C6 — The Rate and Extent of Chemical Change

Rates of Reaction.....	142
Factors Affecting Rates of Reaction.....	143
Measuring Rates of Reaction.....	144
Two Rates Experiments.....	145
Finding Reaction Rates from Graphs.....	146
Reversible Reactions.....	147
Le Chatelier's Principle.....	148
Revision Questions for Topic C6.....	149

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Show all your working in calculation and drop in the values into the equations first then rearrange.

What do I need to revise for this exam?

Topic C1 — Atomic Structure and the Periodic Table

Atoms.....	96
Elements.....	97
Compounds.....	98
Chemical Equations.....	99
Mixtures.....	100
Chromatography.....	101
More Separation Techniques.....	102
Distillation.....	103
The History of the Atom.....	104
Electronic Structure.....	105
Development of the Periodic Table.....	106
The Modern Periodic Table.....	107
Metals and Non-Metals.....	108
Group 1 Elements.....	109
Group 7 Elements.....	110
Group 0 Elements.....	111
Revision Questions for Topic C1.....	112

Topic C2 — Bonding, Structure and Properties of Matter

Formation of Ions.....	113
Ionic Bonding.....	114
Ionic Compounds.....	115
Covalent Bonding.....	116
Simple Molecular Substances.....	117
Polymers and Giant Covalent Structures.....	118
Structures of Carbon.....	119
Metallic Bonding.....	120
States of Matter.....	121
Changing State.....	122

Topic C3 — Quantitative Chemistry

Relative Formula Mass.....	123
Conservation of Mass.....	124
More on Conservation of Mass.....	125
Concentrations of Solutions.....	126
Revision Questions for Topics C2 & C3.....	127

Topic C4 — Chemical Changes

Acids and Bases.....	128
Reactions of Acids.....	129
The Reactivity Series and Extracting Metals.....	130
Reactions of Metals.....	131
Electrolysis.....	132
Electrolysis of Aqueous Solutions.....	133

Topic C5 — Energy Changes

Exothermic and Endothermic Reactions.....	134
Measuring Energy Changes.....	135
Reaction Profiles.....	136
Revision Questions for Topics C4 & C5.....	137

Topic C6 — The Rate and Extent of Chemical Change

Rates of Reaction.....	138
Factors Affecting Rates of Reaction.....	139
Measuring Rates of Reaction.....	140
More on Measuring Rates.....	141
Graphs of Reaction Rate Experiments.....	142
Working Out Reaction Rates.....	143
Reversible Reactions.....	144
Revision Questions for Topic C6.....	145

Where can I find help with revision?

Educake <https://www.educake.co.uk/>

Seneca learning <https://senecalearning.com/en-GB/>

<https://www.freesciencelessons.co.uk/videos/>

What do I need to remember about this exam?

- Challenge of Natural Hazards
- Living World
- UK Physical Landscapes – Coasts
- UK Physical Landscapes - Rivers

What do I need to revise for this exam?

Question 1: Challenge of Natural Hazards	Question 2: The Living World	Question 3: UK Physical Landscapes - Coasts	Question 4: UK Physical Landscapes - Rivers
<p>Including:</p> <p>Tectonic Hazards</p> <ul style="list-style-type: none"> <input type="checkbox"/> Plate boundaries and formation of Volcanoes/ Earthquakes <input type="checkbox"/> Location of Volcanoes/ Earthquakes <input type="checkbox"/> Cause, Effects and Responses to Earthquakes in a HIC (L’Aquila) and LIC (Haiti) and how they differ <input type="checkbox"/> Why people live in areas of tectonic activity (Iceland) <input type="checkbox"/> Monitoring Volcanoes and Earthquakes <p>Weather Hazards</p> <ul style="list-style-type: none"> <input type="checkbox"/> Structure, formation and location of Tropical Storms <input type="checkbox"/> Example of the cause, effect and response to a tropical storm (Hurricane Katrina) <input type="checkbox"/> Monitoring tropical storms <input type="checkbox"/> Extreme weather in the UK <input type="checkbox"/> Cause, effect and response to an extreme weather event in the UK (Beast from the East) <p>Climate Change</p> <ul style="list-style-type: none"> <input type="checkbox"/> Physical and human causes of climate change <input type="checkbox"/> Effects of climate change <input type="checkbox"/> Mitigation and Adaptation responses to climate change 	<p>Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Location of Biomes <input type="checkbox"/> Nutrient Cycle and Food Webs <input type="checkbox"/> Factors that affect the climate in different biomes <p>Tropical Rainforests</p> <ul style="list-style-type: none"> <input type="checkbox"/> Location, climate characteristics, soil structure and reasons for biodiversity <input type="checkbox"/> Plants structure and types found in the rainforest and how they adapt to the conditions <input type="checkbox"/> Animals found in the rainforest and how they adapt to the conditions <p>Case Study: Amazon Rainforest</p> <ul style="list-style-type: none"> <input type="checkbox"/> Causes of deforestation <input type="checkbox"/> Effects of deforestation <input type="checkbox"/> Sustainable management techniques to prevent deforestation <p>Cold Environments</p> <ul style="list-style-type: none"> <input type="checkbox"/> Location, climate characteristics, soil structure and reasons for biodiversity <input type="checkbox"/> Plants structure and types found in the rainforest and how they adapt to the conditions <input type="checkbox"/> Animals found in the rainforest and how they adapt to the conditions <input type="checkbox"/> Example of the opportunities and challenges in cold environments (Alaska) <input type="checkbox"/> Issues with fragility in cold environments <input type="checkbox"/> Sustainable management techniques to protect cold environments 	<p>Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Processes that effect coasts (Weathering, Erosion, Mass Movement, Transportation , Longshore Drift) <input type="checkbox"/> Geology of the coastline <input type="checkbox"/> Formation of features by erosion (headlands and bays, wave cut notches, wave cut platforms, caves, arches, stacks and stumps) <input type="checkbox"/> Formation of features by deposition (Beaches, sand dunes, spits, bars and tombolo’s) <input type="checkbox"/> Coastal Management techniques <input type="checkbox"/> Issues with Coastal Erosion (Holderness Coastline) 	<p>Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Processes that effect rivers (Erosion, Transportation) <input type="checkbox"/> The long and cross profile of a river <input type="checkbox"/> Formation of features by erosion (V-Shaped Valley, Waterfalls, Plunge Pools, Gorges) <input type="checkbox"/> Formation of features by erosion and deposition (Meanders and Oxbow Lakes) <input type="checkbox"/> Formation of features by deposition (Floodplains, Levees, Estuaries) <input type="checkbox"/> Causes of Flooding and the drainage basin system <input type="checkbox"/> Flood Hydrographs <input type="checkbox"/> Flood Management techniques <input type="checkbox"/> Issues and solutions to River Flooding (Somerset Levels)

Where can I find help with revision?

Teams has Knowledge organisers, Revision PowerPoints and Revision Cards
www.internetgeography.net/1fc (Click on each week 1-7 to help revise each topic)

What do I need to remember about this exam?

You need to answer **one** question (there is a choice of 2) on 'An Inspector Calls' in Section A. There are 4 SPAG marks available for this question,

You need to answer the 'Power and Conflict' poetry question in Section B.

You need to answer both unseen poetry questions in Section C.

Spend 45 minutes on each section.

What do I need to revise for this exam?

Section A:

For 'An Inspector Calls' you need to have a good understanding of

- The plot
- The main characters: especially Sheila, Mrs Birling and Goole.
- Key themes: responsibility, social class.
- Context: capitalism vs socialism, gender, the class system.
- Key quotations (learn some).

Section B:

Revise what each poem is about and how they fit into the themes of power/conflict.

Remains	War Photographer	London	Kamikaze	The Prelude
Poppies	The Emigree	Tissue	The Charge of the Light Brigade	Ozymandias
Exposure	Bayonet Charge	Storm on the Island	Checking Out Me History	My Last Duchess

Know which poems can be paired up for comparisons.

Learn important quotations so that you can use them in your response.

Section C:

27.1: Revise how to approach the task: read the question first, look at the title of the poem, consider the first line. Comment on around three quotations considering the methods used too.

27.2: Comparing the two unseen poems. Focus on the methods used. Only worth 8 marks so only spend around 15 minutes answering.

Where can I find help with revision?

YouTube: Mr Bruff and Click Revision

BBC Bitesize

Your own copy of the texts.

What do I need to remember about this exam?

- Computer algorithms and programming paper
- Answer programming questions using Python language
- Read each bullet point on programming questions **carefully**
- Binary conversion questions may make an appearance!

What do I need to revise for this exam?

Topic	Reference Code	Subtopic
2.1 Algorithms	2.1.1	Computational Thinking
	2.1.2	Designing, Creating, and Refining Algorithms
	2.1.3	Searching and Sorting Algorithms
2.2 Programming Fundamentals	2.2.1	Programming Fundamentals
	2.2.2	Data Types
	2.2.3	Additional Programming Techniques
2.3 Producing Robust Programs	2.3.1	Defensive Design
	2.3.2	Testing
2.4 Boolean Logic	2.4.1	Boolean Logic
2.5 Programming Languages and IDEs	2.5.1	Programming Languages
	2.5.2	The Integrated Development Environment (IDE)

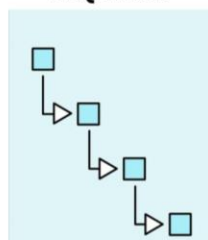
Key words for Paper 2:

Algorithm
Pseudocode
Flowchart
Variable
Programming constructs
Sequence
Selection
Iteration
Array
Subprogram
Function/Procedure
Data type
Syntax error
Logic error
IDE
Runtime environment

FLOWCHART SYMBOLS

Symbol	Name	Usage
	Line	Represents the flow from one component to the next
	Process	An action
	Input/Output	An input or output
	Decision	A yes/no/true/false decision
	Terminal	The start or end of the process

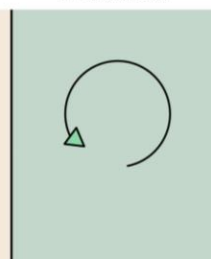
SEQUENCE



SELECTION



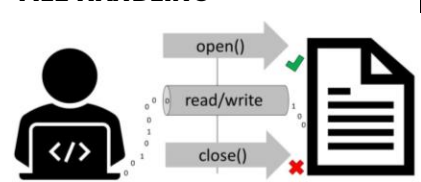
ITERATION



FUNCTION

```
def square(number):
    return number ** 2
```

FILE HANDLING



Where can I find help with revision?

- Seneca Learning
- CSNewbs
- Computer Science GCSE Guru
- BBC Bitesize
- YouTube – Craig 'n Dave

- <https://senecalearning.com/>
- <https://www.csnewbs.com/>
- <https://www.computerscience.gcse.guru/>
- <https://www.bbc.co.uk/bitesize>
- <https://www.youtube.com/craigndave>

What do I need to remember about this exam?

Draw diagrams in pencil.

Identify key words in extended answer questions.

Remember you can bullet point your answers.

Show full working out in calculations.

Substitute the values into the equation before rearranging.

Attempt all questions.

What do I need to revise for this exam? Use your revision guide

Topics	Required Practicals
1. Energy	Topic 1: Thermal insulation
2. Electricity	Topic 2: IV characteristics, length of wire
3. Particle model of matter	Topic 3 - Density, specific heat capacity.
4. Atomic structure	

Working Scientifically

The Scientific Method.....	1
Communication & Issues Created by Science.....	2
Risk.....	3
Designing Investigations.....	4
Collecting Data.....	5
Processing and Presenting Data.....	6
Units and Equations.....	8
Drawing Conclusions.....	9
Uncertainties and Evaluations.....	10

Topic 1 — Energy

Energy Stores and Systems.....	11
Kinetic and Potential Energy Stores.....	12
Specific Heat Capacity.....	13
Conservation of Energy and Power.....	14
Conduction and Convection.....	15
Reducing Unwanted Energy Transfers.....	16
Efficiency.....	17
Energy Resources and their Uses.....	18
Wind, Solar and Geothermal.....	19
Hydro-electricity, Waves and Tides.....	20
Bio-fuels and Non-renewables.....	21
Trends in Energy Resource Use.....	22
Revision Questions for Topic 1.....	23

Topic 2 — Electricity

Current and Circuit Symbols.....	24
Resistance and $V = IR$	25
Resistance and I-V Characteristics.....	26
Circuit Devices.....	27
Series Circuits.....	28
Parallel Circuits.....	29
Investigating Resistance.....	30
Electricity in the Home.....	31
Power of Electrical Appliances.....	32
More on Power.....	33
The National Grid.....	34
Static Electricity.....	35
Electric Fields.....	36
Revision Questions for Topic 2.....	37

Topic 3 — Particle Model of Matter

Density of Materials.....	38
Internal Energy and Changes of State.....	39
Specific Latent Heat.....	40
Particle Motion in Gases.....	41
Revision Questions for Topic 3.....	42

Topic 4 — Atomic Structure

Developing the Model of the Atom.....	43
Isotopes and Nuclear Radiation.....	44
Nuclear Equations.....	45
Half-life.....	46
Background Radiation and Contamination.....	47
Uses and Risk.....	48
Fission and Fusion.....	49
Revision Questions for Topic 4.....	50

Where can I find help with revision?

Educake

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"Boring blue guy".... <https://www.freesciencelessons.co.uk/videos/>

BBC Bitesize AQA Trilogy

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- Substitute values into equation before rearranging.
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What do I need to revise for this exam?

Topics	Required Practicals
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2. Electricity	Topic 2: IV characteristics, length of wire
3. Particle model of matter	Topic 3 - Density, specific heat capacity.
4. Atomic structure	

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 Units and Equations.....8
 Drawing Conclusions.....9
 Uncertainties and Evaluations.....10

Topic 1 — Energy

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 Hydro-electricity, Waves and Tides.....20
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 Trends in Energy Resource Use.....22
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 Electric Fields.....36
 Revision Questions for Topic 2.....37

Topic 3 — Particle Model of Matter

Density of Materials.....38
 Internal Energy and Changes of State.....39
 Specific Latent Heat.....40
 Particle Motion in Gases.....41
 Revision Questions for Topic 3.....42

Topic 4 — Atomic Structure

Developing the Model of the Atom.....43
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 Revision Questions for Topic 4.....50

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What do I need to revise for this exam?

Topics	Required Practicals
1. Energy 2. Electricity 3. Particle model of matter 4. Atomic structure	Topic 2: IV characteristics, length of wire Topic 3: Density, specific heat capacity.

Working Scientifically

The Scientific Method.....	1
Communication & Issues Created by Science.....	2
Risk.....	3
Designing Investigations.....	4
Collecting Data.....	5
Processing and Presenting Data.....	6
Units and Equations.....	8
Drawing Conclusions.....	9
Uncertainties and Evaluations.....	10

Topic P1 — Energy

Energy Stores and Systems.....	167
Kinetic and Potential Energy Stores.....	168
Specific Heat Capacity.....	169
Conservation of Energy and Power.....	170
Reducing Unwanted Energy Transfers.....	171
Efficiency.....	172
Energy Resources and Their Uses.....	173
Wind, Solar and Geothermal.....	174
Hydro-electricity, Waves and Tides.....	175
Bio-fuels and Non-renewables.....	176
Trends in Energy Resource Use.....	177
Revision Questions for Topic P1.....	178

Topic P2 — Electricity

Current and Circuit Symbols.....	179
Resistance and $V = IR$	180
Resistance and I - V Characteristics.....	181
Circuit Devices.....	182
Series Circuits.....	183
Parallel Circuits.....	184
Investigating Resistance.....	185
Electricity in the Home.....	186
Power of Electrical Appliances.....	187
More on Power.....	188
The National Grid.....	189
Revision Questions for Topic P2.....	190

Topic P3 — Particle Model of Matter

The Particle Model and Motion in Gases.....	191
Density of Materials.....	192
Internal Energy and Changes of State.....	193
Specific Latent Heat.....	194

Topic P4 — Atomic Structure

Developing the Model of the Atom.....	195
Isotopes and Nuclear Radiation.....	196
Nuclear Equations.....	197
Half-life.....	198
Irradiation and Contamination.....	199
Revision Questions for Topics P3 & P4.....	200

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BBC Bitesize AQA Trilogy

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Attempt all questions.

What do I need to revise for this exam?

Topics	Required Practicals
1. Energy	Topic 2: IV characteristics, length of wire Topic 3: Density, specific heat capacity.
2. Electricity	
3. Particle model of matter	
4. Atomic structure	

Working Scientifically

The Scientific Method.....	1
Communication & Issues Created by Science.....	2
Risk.....	3
Designing Investigations.....	4
Collecting Data.....	5
Processing and Presenting Data.....	6
Units.....	8
Drawing Conclusions.....	9
Uncertainties and Evaluations.....	10

Topic P1 — Energy

Energy Stores and Systems.....	167
Conservation of Energy and Energy Transfers.....	168
Kinetic and Potential Energy Stores.....	169
Energy Transfers by Heating.....	170
Investigating Specific Heat Capacity.....	171
Power.....	172
Reducing Unwanted Energy Transfers.....	173
Efficiency.....	174
Energy Resources and Their Uses.....	175
Wind, Solar and Geothermal.....	176
Hydro-electricity, Waves and Tides.....	177
Bio-fuels and Non-renewables.....	178
Trends in Energy Resource Use.....	179

Topic P2 — Electricity

Current and Circuit Symbols.....	180
Resistance and $V = IR$	181
Investigating Resistance.....	182
I-V Characteristics.....	183
Circuit Devices.....	184
Series Circuits.....	185
Parallel Circuits.....	186
Investigating Circuits.....	187
Electricity in the Home.....	188
Power of Electrical Appliances.....	189
More on Power.....	190
The National Grid.....	191
Revision Questions for Topics P1 & P2.....	192

Topic P3 — Particle Model of Matter

The Particle Model and Motion in Gases.....	193
Density of Materials.....	194
Internal Energy and Changes of State.....	195
Specific Latent Heat.....	196

Topic P4 — Atomic Structure

The Current Model of the Atom.....	197
Isotopes and Nuclear Radiation.....	198
Nuclear Equations.....	199
Half-life.....	200
Irradiation and Contamination.....	201
Revision Questions for Topics P3 & P4.....	202

Where can I find help with revision?

Educake

Seneca learning <https://senecalearning.com/en-GB/>

"Boring blue guy".... <https://www.freesciencelessons.co.uk/videos/>

BBC Bitesize AQA Trilogy

What do I need to remember about this exam?

- Answer all questions
- Read through the multiple-choice questions carefully as they can help you with content for other questions.
- Use the 3-paragraph structure for the 6- and 9-mark questions.

What do I need to revise for this exam?

3.1 The human body and movement in physical activity and sport

3.1.1 Applied anatomy and physiology

3.1.1.1 The structure and functions of the musculoskeletal system

3.1.1.2 The structure and functions of the cardio-respiratory system

3.1.1.3 Anaerobic and aerobic exercise

3.1.1.4 The short and long term effects of exercise

3.1.2 Movement analysis

3.1.2.1 Lever systems, examples of their use in activity and the mechanical advantage they provide in

3.1.2.2 Planes and axes of movement

3.1.3 Physical training

3.1.3.1 The relationship between health and fitness and the role that exercise plays in both

3.1.3.2 The components of fitness, benefits for sport and how fitness is measured and improved

3.1.3.3 The principles of training and their application to personal exercise/training programmes

3.1.3.4 How to optimise training and prevent injury

3.1.3.5 Effective use of warm up and cool down

3.1.4.1 Demonstrate an understanding of how data are collected – both qualitative and quantitative

3.1.4.2 Present data (including tables and graphs)

3.1.4.3 Analyse and evaluate data

Where can I find help with revision?

BBC Bitesize, Youtube, AQA website for past papers, or Mr Raper and Miss Dunning.

What do I need to remember about this exam?

You will be given one unseen fiction text to read. You will need to answer four questions about it.

You will then need to write either a description or a story.

What do I need to revise for this exam?

Section A

- Timings for each question.
- Selecting information from texts.
- Analysing the language and structure of a text.
- Evaluating a text.
- Methods/subject terminology.
- Useful sentence starters for each question.

Section B

- Descriptive writing.
- Narrative writing.
- Using a wide and ambitious vocabulary.
- Using appropriate language devices.
- Using a range of punctuation.
- Using a range of sentence types.
- Varying paragraph lengths.

Where can I find help with revision?

BBC Bitesize. YouTube.
AQA website for past papers.

What do I need to remember about this exam?

See below

What do I need to revise for this exam?

Question 1 – *Slumdog Millionaire*. The focus is on narrative (story!).
Main themes - **poverty, status and corruption.**

Question 2 – *Let the Right One In*. The focus is on representation
(how people, places and things are made to look). Main themes -
issues

about **young people and the problems of integrating**

Question 3 – *Submarine*. The focus is on aesthetics (film style). Main
theme –

a **commentary on first love.**

As with Paper , all questions will be related to these core study areas:

1. the key elements of film form (cinematography, mise-en-scène, editing and sound)
2. the contexts of film (social, cultural, historical, political, technological and institutional)
including key aspects of the history of film and film technology.

Where can I find help with revision?

Use these essential sheets from the exam board:

https://resource.download.wjec.co.uk/vtc/2016-17/16-17_1-23/_eng/slumdog-millionaire.pdf

https://resource.download.wjec.co.uk/vtc/2016-17/16-17_1-23/_eng/let-the-right-one-in.pdf

https://resource.download.wjec.co.uk/vtc/2016-17/16-17_1-23/_eng/submarine.pdf

What do I need to remember about this exam?

You will have a calculator

- Write down everything you type in your calculator for method marks.
- Reset your calculator at the start of the exam or ask for a new one if you don't think it is giving correct answers.
- Answer everything on the paper.

What do I need to revise for this exam?

Everything on the paper 1 list can come up but we will issue new revision list after paper 1 of what we think is most likely.

Ensure you have a list from **after Paper 1**

- From your teacher
- On Teams

These will update lists after Paper 1.

- <https://www.1stclassmaths.com/exam-papers>
- <https://corbettmaths.com/2023/02/15/edexcel-gcse-higher-revision/>
- <https://corbettmaths.com/2023/02/15/edexcel-gcse-foundation-revision/>

Where can I find help with revision?

Websites: Sparx Maths, Maths Ginie, onmaths, corbettmaths.
All have topic-based questions, papers and predicted papers.

What do I need to remember about this exam?

- Answer all questions
- Read through the multiple-choice questions carefully as they can help you with content for other questions.
- Use the 3-paragraph structure for the 6- and 9-mark questions.

What do I need to revise for this exam?

3.2 Socio-cultural influences and wellbeing in physical activity and sport

3.2.1 Sports psychology

3.2.1.1 Classification of skills (basic/complex, open/closed)

3.2.1.2 The use of goal setting and SMART targets to improve and/or optimise performance

3.2.1.3 Basic information processing

3.2.1.4 Guidance and feedback on performance

3.2.1.5 Mental preparation for performance

3.2.2 Socio-cultural influences

3.2.2.1 Engagement patterns of different social groups in physical activity and sport

3.2.2.2 Commercialisation of physical activity and sport

3.2.2.3 Ethical and socio-cultural issues in physical activity and sport

3.2.3 Health, fitness and wellbeing

3.2.3.1 Physical, emotional and social health, fitness and wellbeing

3.2.3.2 The consequences of a sedentary lifestyle

3.2.3.3 Energy use, diet, nutrition and hydration

Where can I find help with revision?

BBC Bitesize, Youtube, AQA website for past papers, or Mr Raper and Miss Dunning.

What do I need to remember about this exam?

1. Read all instructions carefully. Be clear as to exactly what each question wants.
2. Answer in the correct language.
3. Don't panic – if you stay calm you will be able to understand something. Be positive. Concentrate on what you do understand.
4. Ensure your answer is clear e.g. do not try to change an 'A' to a 'B'. Cross out any incorrect answers and replace it with the correct answer.
5. Use your knowledge of grammar. For example, it may be important to know whether someone is talking about the past or the future.
6. Use your time wisely. Stay calm and ensure you are preparing yourself for what you will hear. Annotate the question. What are you listening for? Set the context.
7. Use the example – how much are you required to write? Do you need an infinitive + a noun? The example will show you the level of detail required. Look at the marks the question is worth – if it is worth two marks you will probably need to make two points etc.
8. Be aware in listening – 1a / 1b = you will hear 1a x2 then 1b x2 but 1.1 / 1.2 / 1.3 = you will hear all of the text for that question twice and then move on to the next question.
9. Answers in target language in listening paper – this is simply transcription. Use your phonics, be as accurate as you can.
10. Do not leave gaps – if you really have absolutely no idea – look at the example for guidance and then write an answer for your question – try to make an educated guess.

What do I need to revise for this exam?

Everything! You need vocabulary on all topics for this component!

Hints and Tips for success:

- Vocabulary learning is key. It is essential to learn the vocabulary we have been covering in class and anything from the wider topic which may show from the class notes. If a word comes up that you do not know, use your strategies. Look for cognates and near cognates, use process of elimination and word families. Remember to look at your vocab lists and practise on languagenut.

Where can I find help with revision?

Revising vocabulary for the listening & reading exams

- Use Language Nut (you have your own log ins) 20 mins a day (4x5min slots) is proven to be the most successful way to learn vocabulary. This vocabulary is key to success in each skill. If you don't know the word, you won't get the answer right!
- Use BBC bitesize and quizlet (Sign up for free via the attached welcome link or you will have to pay <https://quizlet.com/join/T3ZUzMegr>)
- Use the revision guides and vocabulary booklets you were given by your teacher (if you have misplaced it, ask for another one)

What do I need to remember about this exam?

1. Read all instructions carefully. Be clear as to exactly what each question wants.
2. Answer in the correct language.
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9. Answers in target language in listening paper – this is simply transcription. Use your phonics, be as accurate as you can.
10. Do not leave gaps – if you really have absolutely no idea – look at the example for guidance and then write an answer for your question – try to make an educated guess.

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- Use BBC bitesize and quizlet (Sign up for free via the attached welcome link or you will have to pay <https://quizlet.com/join/T3ZUzMegr>)
- Use the revision guides and vocabulary booklets you were given by your teacher (if you have misplaced it, ask for another one)

Exam: Spanish Reading Tier F Length of Exam: 45mins Date: 4/6/24 AM

What do I need to remember about this exam?

We recommend starting with the last question – translation as it is worth the most marks – ensure you complete the paper and get these valuable marks.

Translation to English

- Annotate the text – what tense are you in? What is the person of the verb? Check your translation against the target language text and ensure you have translated the correct person and the correct time frame.
- Proof read – you are a fluent English speaker, if it does not make sense something is wrong – look over it and correct.
- Attempt every part – marks are available for various areas – secure the marks by making educated guesses where needed.

Rest of Reading Paper

1. Read all instructions carefully. Be clear as to exactly what each question wants.
2. Answer in the correct language.
3. Don't panic – if you stay calm you will be able to understand something. Be positive. Concentrate on what you do understand. We have spent a great deal of time working towards analysing a text. You can do this, follow your training!
4. Ensure your answer is clear e.g. do not try to change an 'A' to a 'B'. Cross out any incorrect answers and replace it with the correct answer.
5. Use your knowledge of grammar. For example, it may be important to know whether someone is talking about the past or the future.
6. Use your time wisely. Stay calm and ensure you are preparing yourself for what you will read. Annotate the question. What are you reading for? Set the context.
7. Use the example – how much are you required to write? Do you need an infinitive + a noun? The example will show you the level of detail required. Look at the marks the question is worth – if it is worth two marks you will probably need to make two points etc.
8. Do not leave gaps – if you really have absolutely no idea – look at the example for guidance and then write an answer for your question – try to make an educated guess.

What do I need to revise for this exam?

Everything! You need vocabulary on all topics for this component!

Hints and Tips for success:

- Vocabulary learning is key. It is essential to learn the vocabulary we have been covering in class and anything from the wider topic which may show from the class notes. If a word comes up that you do not know, use your strategies. Look for cognates and near cognates, use process of elimination and word families. Remember to look at your vocab lists and practise on languagenut.
- Translation to English – proofread. If it does not make sense to you who are fluent in English, it is incorrect and so you must check it over. Check the verbs- are you using the correct person of the verb?

Where can I find help with revision?

Revising vocabulary for the listening & reading exams

- Use Language Nut (you have your own log ins) 20 mins a day (4x5min slots) is proven to be the most successful way to learn vocabulary. This vocabulary is key to success in each skill. If you don't know the word, you won't get the answer right!
- Use BBC bitesize and quizlet (Sign up for free via the attached welcome link or you will have to pay <https://quizlet.com/join/T3ZUzMeqr>)
- Use the revision guides and vocabulary booklets you were given by your teacher (if you have misplaced it, ask for another one)

What do I need to remember about this exam?

We recommend starting with the last question – translation as it is worth the most marks – ensure you complete the paper and get these valuable marks.

Translation to English

- Annotate the text – what tense are you in? What is the person of the verb? Check your translation against the target language text and ensure you have translated the correct person and the correct time frame.
- Proof read –you are a fluent English speaker, if it does not make sense something is wrong –look over it and correct.
- Attempt every part –marks are available for various areas –secure the marks by making educated guesses where needed.

Rest of Reading Paper

1. Read all instructions carefully. Be clear as to exactly what each question wants.
2. Answer in the correct language.
3. Don't panic – if you stay calm you will be able to understand something. Be positive. Concentrate on what you do understand. We have spent a great deal of time working towards analysing a text. You can do this, follow your training!
4. Ensure your answer is clear e.g. do not try to change an 'A' to a 'B'. Cross out any incorrect answers and replace it with the correct answer.
5. Use your knowledge of grammar. For example, it may be important to know whether someone is talking about the past or the future.
6. Use your time wisely. Stay calm and ensure you are preparing yourself for what you will read. Annotate the question. What are you reading for? Set the context.
7. Use the example – how much are you required to write? Do you need an infinitive + a noun? The example will show you the level of detail required. Look at the marks the question is worth – if it is worth two marks you will probably need to make two points etc.
8. Do not leave gaps – if you really have absolutely no idea –look at the example for guidance and then write an answer for your question –try to make an educated guess.

What do I need to revise for this exam?

Everything! You need vocabulary on all topics for this component!

Hints and Tips for success:

- Vocabulary learning is key. It is essential to learn the vocabulary we have been covering in class and anything from the wider topic which may show from the class notes. If a word comes up that you do not know, use your strategies. Look for cognates and near cognates, use process of elimination and word families. Remember to look at your vocab lists and practise on languagenut.
- Translation to English - proofread. If it does not make sense to you who are fluent in English, it is incorrect and so you must check it over. Check the verbs- are you using the correct person of the verb?

Where can I find help with revision?

Revising vocabulary for the listening & reading exams

- Use Language Nut (you have your own log ins) 20 mins a day (4x5min slots) is proven to be the most successful way to learn vocabulary. This vocabulary is key to success in each skill. If you don't know the word, you won't get the answer right!
- Use BBC bitesize and quizlet (Sign up for free via the attached welcome link or you will have to pay <https://quizlet.com/join/T3ZUzMegr>)
- Use the revision guides and vocabulary booklets you were given by your teacher (if you have misplaced it, ask for another one)

What do I need to revise for this exam?

Medicine

Factors which influence Medicine through time – Chance, Government, Communication, Religion, Individuals, Science and Technology, War

- ❑ **Medieval** - Hippocrates & Galen, Medieval doctors i.e., training, beliefs about causes of illness, Christianity and Islam (Hospitals), Surgery – ideas, techniques, Public Health i.e., towns, monasteries and the Black Death
- ❑ **Renaissance - 're-birth'**, works of Vesalius, Pare and Harvey, opposition to change, New methods of treating disease, Great Plague 1665, growth of hospitals, changes to status and training of surgeons and physicians – John Hunter, Edward Jenner and vaccinations
- ❑ **Industrial** – Pasteur, Koch, Microbes, Anaesthetics (Simpson, chloroform), Antiseptics (Lister, Carbolic Acid), Public Health – cholera epidemics, public health reformers – John Snow, Bazalgette, Public Health Acts and role of local and national governments
- ❑ **Modern** – Magic bullets, pharmaceutical industry – Penicillin and Fleming, Florey and Chain, antibiotic resistance and alternative treatments. Impact of war – plastic surgery, blood transfusions, X Rays, Transplant surgery, radiation therapy, Public Health Reforms – Boer War, Booth and Rowntree, Liberal Reform, Beveridge Report and Welfare State, NHS.

Elizabeth

- ❑ **Part One** – Elizabeth's Court. Background and character, court life, key ministers, relations with parliament, problem of marriage and the succession, strength of her authority – Essex Rebellion
- ❑ **Part Two** – Living Standards, rise of the gentry, theatre and achievements, increase in poverty (poor laws), sailors – Hawkins and Drake
- ❑ **Part Three** – Catholicism vs Protestantism, The Religious Settlement (Act of Supremacy, Act of Uniformity) Northern Rebellion, excommunication, Catholic plots, Government Responses, Mary Queen of Scots and her involvement in the plots, issues with Spain, execution of MQS. Reasons, Events, Outcomes of the Spanish Armada
- ❑ **Part Four** – Site Study (Drake's Circumnavigation of the Globe)

How do I answer the exam questions?

Medicine /44	Elizabeth /40
1. How useful (factual) is Source A to an historian studying _____? [8 Marks] CONTENT, PROVENANCE, UTILITY	1. How convincing is Interpretation A about ...? [8 Marks] CONTENT from the source
2. Explain the significance of [8 Marks] i.e., an individual, an event, a contribution, a development (short term, long term)	2. Explain what was important about [8 Marks] Cause and Consequence
3. Compare _____ and _____. In what ways were they similar? [8 Marks] i.e., individuals, developments, events	3. Write an account... [8 Marks] Write an account means EXPLAIN! Chronology, Cause, Consequence
4. Has the role of [factor] been the main factor in the development of _____ [theme]? [16 Marks + 4 SPAG] • FACTORS - Chance, Government, Communication, Religion, Individuals, Science and Technology, War • THEMES – Public Health, Surgery, Medicine, Causes of Illness, Treatment of Illness	4. "Statement". How far does a study of Drake's circumnavigation of the globe support this statement? Explain your answer. [16 Marks] Discuss stated factor Discuss 2 other contributing factors Conclusion

Where can I find help with revision?

Exercise Books ,BBC Bitesize, Tiktok - @MrAtkoHistoryTeacher, YouTube, CleverLili

What do I need to remember about this exam?

Urban Issues and Challenges
 Changing Economic World
 Resource Management and Issues
 Energy

What do I need to revise for this exam?

Question 1: Urban issues and challenges	Question 2: changing economic world	Question 3: Resource management	Question 6: Energy
<p>Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Reasons for Urbanisation <input type="checkbox"/> Megacities <p>Case study of a city in a LIC or NEE: <u>Rio De Janeiro</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> The location and importance of Rio in a local, national and international point of view <input type="checkbox"/> Causes of growth of the city (natural increase and migration) <input type="checkbox"/> Social opportunities of urban growth (Access to services, health, education, access to resources) <input type="checkbox"/> Economic opportunities of urban growth (how industry can stimulate economic development) <input type="checkbox"/> Challenges of urban growth (Social and Economic) <input type="checkbox"/> Environmental opportunities and challenges of urban growth <input type="checkbox"/> Challenges of squatter settlements (<u>e.g. Rocinha</u>) <input type="checkbox"/> An example of how urban planning is helping the urban poor (<u>Barrio Project</u>) <p>Case study of a city in the UK: <u>London</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Location and importance of the city on a local, global and national scale <input type="checkbox"/> Impacts of national (from the UK) and international (from the world) migration has impacted on the city <input type="checkbox"/> Social and Economic opportunities of urban growth (cultural mix, recreation and entertainment, transport) <input type="checkbox"/> Environmental opportunities of urban growth (Urban greening) <input type="checkbox"/> Social and economic challenges of urban growth (urban deprivation, inequalities in housing, education, health and employment and Environmental: dereliction, building on brownfield and greenfield sites and waste disposal, and the impact of urban sprawl on the rural-urban fringe and the growth of commuter settlements) <input type="checkbox"/> Regeneration in London (<u>Stratford regeneration for the Olympics</u>) <input type="checkbox"/> Features of sustainable urban living including energy and water usage, waste disposal, green space, transport. An example of a sustainable city (<u>Curitiba, Brazil</u>) 	<p>Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> The differences between HIC, LIC, NEE, BRICS, MINT countries <input type="checkbox"/> The different ways to measure development (Birth Rate, Death Rate, Gross National Income (GNI), Human Development Index (HDI), infant mortality, life expectancy, people per doctor, literacy rates, access to safe water) and the limitations of them <input type="checkbox"/> The structure of the demographic transition model and population pyramids <input type="checkbox"/> The causes and consequences of uneven development <input type="checkbox"/> Strategies used to overcome the development gap (Fairtrade, aid, debt relief, etc) <input type="checkbox"/> An example of how tourism has improved the quality of life in a LIC (<u>Kenya</u>) <p>Case Study of the development of a LIC or NEE: (<u>Nigeria</u>)</p> <ul style="list-style-type: none"> <input type="checkbox"/> The location and importance of Nigeria in a local, national and international point of view <input type="checkbox"/> The changes in the economy of Nigeria through Primary, Secondary and Tertiary industry focusing on manufacturing and the introduction and importance of TNC's (<u>Shell Petroleum</u>) <input type="checkbox"/> Nigeria's changing Political and Trading relationships with other countries in Africa and the rest of the world <input type="checkbox"/> Impact of global aid on Nigeria's development <input type="checkbox"/> Environmental and economic impacts of development and its impact on the quality of life for people living in Nigeria <p>Economic development in the UK:</p> <ul style="list-style-type: none"> <input type="checkbox"/> The changes in the economy of the UK through Primary, Secondary and Tertiary and the causes of economic change (Deindustrialisation, Globalisation and Government Policies) <input type="checkbox"/> How industry is now developing in the UK (information technology, services, finance and research) and the introduction of science parks (<u>Cambridge</u>) and business parks (<u>Colbart, Newcastle</u>) <input type="checkbox"/> Impact of industry on the environment (<u>Nissan, Sunderland</u>) <input type="checkbox"/> How has population changed in rural areas including an area of growth (<u>South Cambridgeshire</u>) and an area of decline (<u>Outer Hebrides</u>) <input type="checkbox"/> Improvements to transport (Road, Rail, Shipping and Airports) <input type="checkbox"/> What is the North-South Divide and strategies used to minimise regional differences <input type="checkbox"/> How the UK is part of the wider world with reference to trade, culture, transport, communications, the EU and the commonwealth 	<p>Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> The global distribution of resources and why countries around the world may not have equal access to resources such as food, water and energy <p>Food in the UK:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Growth in demand for food (e.g. seasonal) <input type="checkbox"/> New initiatives in the UK for sourcing food (Agribusiness and organic produce) <p>Water in the UK:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Areas of surplus and deficit <input type="checkbox"/> Water pollution and management of water quality <input type="checkbox"/> Water transfer schemes <p>Energy in the UK:</p> <ul style="list-style-type: none"> <input type="checkbox"/> The changing mix of energy (Renewable vs non-renewable) <input type="checkbox"/> Economic issues with energy exploitation 	<p>Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> The global distribution of energy production and energy consumption <input type="checkbox"/> The physical, economic, political and technological factors affecting energy supply <input type="checkbox"/> Impacts of energy security (Economic and environmental costs, food production, industrial output and conflict) <input type="checkbox"/> Ways to increase global energy supply (Nuclear, Fossil Fuels and renewable energy) and an example of how to increase energy supply (<u>Fracking in the UK</u>) <input type="checkbox"/> Issues with energy consumption (Carbon footprint and individual use) and sustainable ways to solve energy issues <input type="checkbox"/> Example of how a LIC/NEE creates sustainable energy (<u>Rice Husks in Bihar, India</u>)

Where can I find help with revision?

Teams has Knowledge organisers, Revision PowerPoints and Revision Cards
www.internetgeography.net/tfc (Click on each week 7-13 to help revise each topic)

What do I need to remember about this exam?

There is a range of short – medium length questions worth 50 marks, one extended response question worth 8 marks and two extended response questions worth 6 marks each. A total of 70 marks for the paper. Make sure you check to see how many marks a question is worth before you answer it, so you can get an idea of how much information you need to write down.

Some questions will be based on scenarios in care settings, you will need to apply your knowledge of the R032 unit to give an answer relevant to that scenario.

What do I need to revise for this exam?

- 1.1 Types of care settings
- 1.2 The rights of service users
- 1.3 The benefits to service users' health and wellbeing when their rights are maintained.
- 2.1 Person-centred values and how they are applied by service providers.
- 2.2 Benefits of applying the person-centred values
- 2.3 Effects on service users' health and wellbeing if person-centred values are not applied.
- 3.1 The importance of verbal communication skills in health and social care settings
- 3.2 The importance of non-verbal communication skills in health and social care settings
- 3.3 The importance of active listening in health and social care settings
- 3.4 The importance of special methods of communication in health and social care settings
- 3.5 The importance of effective communication in health and social care settings concerns, and opinions enables them to feel valued and respected.
- 4.1 Safeguarding
- 4.2 Infection prevention
- 4.3 Safety procedures and measures
- 4.4 How security measures protect service users and staff.



Where can I find help with revision?

- Everyone has been given a revision guide to use at home.
- Revision resources available on teams.
- Box of revision resources available in Science 3 - Knowledge Organisers, Flash Cards etc.

What do I need to remember about this exam?

You will be given two unseen non-fiction texts to read. You will need to answer four questions about them.

You will then need to write a letter/article/speech in which you present your viewpoint on a particular topic.

What do I need to revise for this exam?

Section A

- Timings for each question.
- Retrieving information from texts
- Summarising the similarities OR differences between texts.
- Analysing the language of a text.
- Comparing the viewpoints expressed in the texts.
- Methods/subject terminology

Section B

- Writing to argue
- Writing to explain
- Writing to persuade
- Features of a letter
- Features of a speech
- Features of an article
- Using appropriate language devices
- Using a range of punctuation
- Using a range of sentence types
- Varying paragraph lengths
- Using an ambitious vocabulary

Where can I find help with revision?

BBC Bitesize. YouTube.
AQA website for past papers.

What do I need to remember about this exam?

- This is the JUDAISM paper.
- You do not need to write about Catholic views in this exam.
- Use Belief/ Source/Impact in all questions

What do I need to revise for this exam?

Section 1: Jewish Beliefs

- God as one – Shema Prayer
- God as creator – Genesis 1 and 2
- God as Lawmaker and judge – 10 Commandments and 613 Mitzvot
- Shekinah – divine presence of God
- Covenant with Abraham
- Covenant with Moses
- Messiah
- Sanctity of life- Pikuach Nefesh
- Life after death.



Section 2: Jewish Practices

- Shabbat
- Synagogue
- Brit Milah
- Bar Mitzvah
- Marriage
- Funerals
- Pesach (Passover)
- Sukkot
- Rosh Hashanah
- Yom Kippur
- Kosher.



Where can I find help with revision?

- Use the knowledge organisers your teacher has given you
- Check your class team for revision powerpoints/resources.
- Log on to teams the night before to listen in to a live revision session (also recorded to watch later)
- BBC Bitesize – Judaism – Eduqas
- Youtube – Mr McMillan or RE Beck have good revision videos.

What do I need to remember about this exam?

Read the whole question carefully before attempting to answer it

Use the correct keywords

Remember you can bullet point your answers to 6 mark questions

Show all your working in calculations and remember units and conversions

Answer all questions and if struggling use a process of elimination or have an educated guess!

What do I need to revise for this exam?

Topics	Required Practicals
B5- Homeostasis and response	B5- Reaction times
B6- Inheritance, variation and evolution	B6- Germination, effect of auxins
B7- Ecology	B7- Decay
	B7- Quadrats

Topic 5 — Homeostasis and Response

Homeostasis.....	65
The Nervous System.....	66
Synapses and Reflexes.....	67
Investigating Reaction Time.....	68
The Brain.....	69
The Eye.....	70
Correcting Vision Defects.....	71
Controlling Body Temperature.....	72
The Endocrine System.....	73
Controlling Blood Glucose.....	74
The Kidneys.....	75
Kidney Failure.....	76
Puberty and the Menstrual Cycle.....	77
Controlling Fertility.....	78
More on Controlling Fertility.....	79
Adrenaline and Thyroxine.....	80
Plant Hormones.....	81
Commercial Uses of Plant Hormones.....	82
Revision Questions for Topic 5.....	83

Topic 6 — Inheritance, Variation and Evolution

DNA.....	84
The Structure of DNA and Protein Synthesis.....	85
Mutations.....	86
Reproduction.....	87
Meiosis.....	88
More on Reproduction.....	89
X and Y Chromosomes.....	90
Genetic Diagrams.....	91
More Genetic Diagrams.....	92
Inherited Disorders.....	93
The Work of Mendel.....	94
Variation.....	95
Evolution.....	96
More About Evolution.....	97
Selective Breeding.....	98
Genetic Engineering.....	99
Cloning.....	100
Fossils.....	101
Speciation.....	102
Antibiotic-Resistant Bacteria.....	103
Classification.....	104
Revision Questions for Topic 6.....	105

Topic 7 — Ecology

Competition.....	106
Abiotic and Biotic Factors.....	107
Adaptations.....	108
Food Chains.....	109
Using Quadrats.....	110
Using Transects.....	111
Environmental Change & The Water Cycle.....	112
The Carbon Cycle.....	113
Decay.....	114
Investigating Decay.....	115
Biodiversity and Waste Management.....	116
Global Warming.....	117
Deforestation and Land Use.....	118
Maintaining Ecosystems and Biodiversity.....	119
Trophic Levels.....	120
Pyramids of Biomass.....	121
Biomass Transfer.....	122
Food Security and Farming.....	123
Biotechnology.....	124
Revision Questions for Topic 7.....	125

Practical Skills

Measuring Substances.....	126
Heating, Safety and Ethics.....	127
Potometers and Microscopes.....	128
Sampling.....	129
Comparing Results.....	130
Answers.....	131
Glossary.....	135
Index.....	142

Where can I find help with revision?

Educake : educake.co.uk

Seneca learning <https://senecalearning.com/en-GB/>

<https://www.freesciencelessons.co.uk/videos/>

Speak to your teacher!

Teams class pages and resources

Revision guide

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What do I need to revise for this exam?

Topics	Required Practicals
B5- Homeostasis and response B6- Inheritance, variation and evolution B7- Ecology	B5- Reaction times B6- Germination, effect of auxins B7- Decay B7- Quadrats

Topic 5 — Homeostasis and Response

Homeostasis.....	65
The Nervous System.....	66
Synapses and Reflexes.....	67
Investigating Reaction Time.....	68
The Brain.....	69
The Eye.....	70
Correcting Vision Defects.....	71
Controlling Body Temperature.....	72
The Endocrine System.....	73
Controlling Blood Glucose.....	74
The Kidneys.....	75
Kidney Failure.....	76
Puberty and the Menstrual Cycle.....	77
Controlling Fertility.....	78
More on Controlling Fertility.....	79
Adrenaline and Thyroxine.....	80
Plant Hormones.....	81
Commercial Uses of Plant Hormones.....	82
Revision Questions for Topic 5.....	83

Topic 6 — Inheritance, Variation and Evolution

DNA.....	84
The Structure of DNA and Protein Synthesis.....	85
Mutations.....	86
Reproduction.....	87
Meiosis.....	88
More on Reproduction.....	89
X and Y Chromosomes.....	90
Genetic Diagrams.....	91
More Genetic Diagrams.....	92
Inherited Disorders.....	93
The Work of Mendel.....	94
Variation.....	95
Evolution.....	96
More About Evolution.....	97
Selective Breeding.....	98
Genetic Engineering.....	99
Cloning.....	100
Fossils.....	101
Speciation.....	102
Antibiotic-Resistant Bacteria.....	103
Classification.....	104
Revision Questions for Topic 6.....	105

Topic 7 — Ecology

Competition.....	106
Abiotic and Biotic Factors.....	107
Adaptations.....	108
Food Chains.....	109
Using Quadrats.....	110
Using Transects.....	111
Environmental Change & The Water Cycle.....	112
The Carbon Cycle.....	113
Decay.....	114
Investigating Decay.....	115
Biodiversity and Waste Management.....	116
Global Warming.....	117
Deforestation and Land Use.....	118
Maintaining Ecosystems and Biodiversity.....	119
Trophic Levels.....	120
Pyramids of Biomass.....	121
Biomass Transfer.....	122
Food Security and Farming.....	123
Biotechnology.....	124
Revision Questions for Topic 7.....	125

Practical Skills

Measuring Substances.....	126
Heating, Safety and Ethics.....	127
Potometers and Microscopes.....	128
Sampling.....	129
Comparing Results.....	130
Answers.....	131
Glossary.....	135
Index.....	142

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What do I need to revise for this exam?

Topics	Required Practicals
B5- Homeostasis and response	B5- Reaction times
B6- Inheritance, variation and evolution	B7- Quadrats
B7- Ecology	

Topic B5 — Homeostasis and Response

Homeostasis.....	58
The Nervous System.....	59
Synapses and Reflexes.....	60
Investigating Reaction Time.....	61
The Endocrine System.....	62
Controlling Blood Glucose.....	63
Puberty and the Menstrual Cycle.....	64
Controlling Fertility.....	65
More on Controlling Fertility.....	66
Adrenaline and Thyroxine.....	67

Topic B6 — Inheritance, Variation and Evolution

DNA.....	68
Reproduction.....	69
Meiosis.....	70
X and Y Chromosomes.....	71
Genetic Diagrams.....	72
More Genetic Diagrams.....	73
Inherited Disorders.....	74
Variation.....	75
Evolution.....	76
Selective Breeding.....	77
Genetic Engineering.....	78
Fossils.....	79
Antibiotic-Resistant Bacteria.....	80
Classification.....	81
Revision Questions for Topics B5 & B6.....	82

Topic B7 — Ecology

Competition.....	83
Abiotic and Biotic Factors.....	84
Adaptations.....	85
Food Chains.....	86
Using Quadrats.....	87
Using Transects.....	88
The Water Cycle.....	89
The Carbon Cycle.....	90
Biodiversity and Waste Management.....	91
Global Warming.....	92
Deforestation and Land Use.....	93
Maintaining Ecosystems and Biodiversity.....	94
Revision Questions for Topic B7.....	95

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Topics	Required Practicals
B5- Homeostasis and response B6- Inheritance, variation and evolution B7- Ecology	B5- Reaction times B7- Quadrats

Topic B5 — Homeostasis and Response

Homeostasis.....	57
The Nervous System.....	58
Synapses and Reflexes.....	59
Investigating Reaction Time.....	60
The Endocrine System.....	61
Controlling Blood Glucose.....	62
Puberty and the Menstrual Cycle.....	63
Controlling Fertility.....	64
More on Controlling Fertility.....	65

Topic B6 — Inheritance, Variation and Evolution

DNA.....	66
Reproduction.....	67
Meiosis.....	68
X and Y Chromosomes.....	69
Genetic Diagrams.....	70
Inherited Disorders.....	71
Family Trees and Embryo Screening.....	72
Variation.....	73
Evolution.....	74
Antibiotic-Resistant Bacteria.....	75
More on Antibiotic-Resistant Bacteria.....	76
Selective Breeding.....	77
Genetic Engineering.....	78
Fossils.....	79
Classification.....	80
Revision Questions for Topics B5 & B6.....	82

Topic B7 — Ecology

Competition.....	83
Abiotic and Biotic Factors.....	84
Adaptations.....	85
Food Chains.....	86
Using Quadrats.....	87
Using Transects.....	88
The Water Cycle.....	89
The Carbon Cycle.....	90
Biodiversity and Waste Management.....	91
Global Warming.....	92
Deforestation and Land Use.....	93
Maintaining Ecosystems and Biodiversity.....	94
Revision Questions for Topic B7.....	95

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Revision guide

What do I need to remember about this exam?

You will have a calculator

- Write down everything you type in your calculator for method marks.
- Reset your calculator at the start of the exam or ask for a new one if you don't think it is giving correct answers.
- Answer everything on the paper.

What do I need to revise for this exam?

Everything on the paper 1 list can come up but we will issue new revision list after paper 2 of what we think is most likely.

Ensure you have a list from **after Paper 2**

- From your teacher
- On Teams

These will update lists after Paper 2.

- <https://www.1stclassmaths.com/exam-papers>
- <https://corbettmaths.com/2023/02/15/edexcel-gcse-higher-revision/>
- <https://corbettmaths.com/2023/02/15/edexcel-gcse-foundation-revision/>

Where can I find help with revision?

Websites: Sparx Maths, Maths Ginie, onmaths, corbettmaths.
All have topic-based questions, papers and predicted papers.

What do I need to remember about this exam?

- There are 3 questions, and all 3 questions need to be answered. There will be a choice of 2 questions for the 90-word task and a choice of 2 questions for the 150-word task. Only complete 1 x 90 word and 1 x 150 word.
- Do not forget to complete the Translation question (Q3)
- When writing it is essential to use 3-time frames (past, present & future).
- Justify opinión phrases using a connective such as porque / dado que / justo que / ya que.
- Don't be too repetitive, do not repeat the same vocabulary / adjectives more than twice.
- Think about what you can say rather than what you want to say.
- **Can you upgrade your work? Use a variety of complex structures where possible.**

What do I need to revise for this exam?

- Key Vocabulary.
- Grammar – you must revise tense formation.

This will help you with ensuring accurate grammar is included!

Past Time Phrases - Past	Present Time Phrases - Present	Future Time Phrases - Future
ayer - yesterday el año pasado - last year cuando era pequeña - when I was younger	normalmente - normally todos los días - every day cada noche - every evening	mañana - tomorrow el día siguiente - the next day el fin de semana próximo - next weekend en el futuro - in the future
Key Verbs Era - I used to be Iba - I used to go / Fui - I went Fue - it was Tuve - I had / Tenía - I used to have Hice - I did Jugué - I played Vi - I saw Tomé (el sol) - I sunbathed Comí - I ate Bebí - I drank Viví - I lived / Vivía - I used to live Trabajé - I worked Estudí - I studied Ayudé - I helped Me gustaba - I used to like Odaba - I used to hate	Key Verbs Soy - I am Voy - I go Es - it is Tengo - I have Hago - I do Juego - I play Veo - I see Tomo (el sol) - I sunbathe Como - I eat Bebo - I drink Vivo - I live Trabajo - I work estudio - I study ayudo - I help me gusta - I like Odio - I hate	Key Verbs Seré - I will be / sería - I would be Iría - I would go Sería - it would be Tendría - it would have Haría - I would do Jugaría - I would play Vería - I would see Tomaría (el sol) - I would sunbathe Comería - I would eat Bebería - I would drink Viviría - I would live Trabajaría - I would work Estudiaría - I would study Ayudaría - I would help Me gustaría - I would like Odiaría - I would hate
Excellent Vocab to know muy - very mucho - a lot bastante - quite poco - a little sin embargo - however	Excellent expressions to use donde se puede - where you can donde es posible - where it is possible si tuviera la oportunidad - if I had the opportunity si tuviera más tiempo - if I had more time	Your own additions

Remember to use spicy phrases to upgrade your work!

Instead of writing this...	Write this...	Instead of writing this...	Write this...
...es... <i>Mi hermano es molesto</i>	...puede ser ... <i>Mi hermano puede ser molesto</i>	Fuimos a ... <i>Fuimos a Italia</i>	Decidimos ir a ... <i>Decidimos ir a Italia</i>
Me gusta... <i>Me gusta la historia</i>	Siempre me ha gustado... <i>Siempre me ha gustado la historia</i>	Me gustaria ... <i>Me gustaria ir a Barcelona</i>	Tengo ganas de ... <i>Tengo ganas de ir a Barcelona</i>
No me gusta... <i>No me gusta el fútbol</i>	No aguanto ... <i>No aguanto el fútbol</i>	Creo que ... <i>Creo que soy una persona creativa</i>	Diria que ... <i>Diria que soy una persona creativa</i>
... porque es divertido <i>Me gusta ver las comedias porque es divertido.</i>	... porque me hace reír <i>Me gusta ver las comedias porque me hacen reír.</i>	En el futuro... <i>En el futuro me gustaria ser ingeniero</i>	Quando sea mayor ... <i>Quando sea mayor me gustaria ser ingeniero</i>
... porque es aburrido <i>Nunca leo porque es aburrido</i>	... porque me aburre <i>Nunca leo porque me aburre</i>	No hay ... <i>No hay piscina</i>	No hay ni ... ni ... <i>No hay ni piscina ni cine</i>
... porque es relajante <i>Me gusta hacer deporte porque es relajante</i>	... porque me relaja <i>Me gusta hacer deporte porque me relaja</i>	En mi tiempo libre ... <i>En mi tiempo libre me gusta salir con mis amigos</i>	Quando tengo tiempo <i>Quando tengo tiempo me gusta salir con mis amigos</i>
Normalmente <i>Normalmente voy al cine con mis amigos</i>	Suelo ... <i>Suelo ir al cine con mis amigos</i>	Me gustaria ... <i>Me gustaria trabajar al extranjero.</i>	Si pudiera me gustaria <i>Si pudiera me gustaria trabajar al extranjero.</i>

Where can I find help with revision?

- **EZigZag Revision** <https://erevision.uk/> you will have received an email with instructions to follow to set up an account. This is an excellent resource to practise all 3 examined skills (listening, reading and writing).
- **Languagenut.** The department has paid for all pupils in the school to have a languagenut account. Pupils have been given their username and password and if anyone has forgotten it, they should ask their teacher to reset it. Revision has been assigned on the app / website and pupils can complete extra revision across all topics.

What do I need to remember about this exam?

- There are 4 questions and all 4 questions need to be answered. There will be a choice of 2 questions for the 90 word task. Only complete 1 x 90 word task.
- Attempt all parts of the Translation question (Q3)
- When writing it is essential to use 3 time frames (past, present & future).
- Justify opinion phrases using a connective such as porque / dado que / justo que / ya que.
- Don't be too repetitive, do not repeat the same vocabulary / adjectives more than twice.
- Think about what you can say rather than what you want to say.
- Can you upgrade your work? Use a variety of complex structures where possible.

What do I need to revise for this exam?

- Key Vocabulary.
- Grammar – you must revise tense formation.

This table will help you complete the 40 word task (Q2)

Para mí	me encanta me gusta	+ vocabulary from the bullet point ENSURE YOU CHANGE ANY 'tu' TO a 'mi'	porque dado que puesto que ya que	es	genial fenomenal interesante delicioso útil importante super emocionante (estupendo) (divertido) (perfecto)	en mi opinión.
	no me gusta no me chifla				terrible (aburrido) mal horrible desagradable difícil	

This table will help you with ensuring accurate grammar is included!

Past	Present	Future
<p>Time Phrases - Past</p> <p>ayer - yesterday el año pasado - last year cuando era pequeña - when I was younger</p> <p>Key Verbs</p> <p>Era - I used to be Iba - I used to go / Fui - I went Fue - it was Tuve - I had / Tenía - I used to have Hice - I did Jugué - I played Vi - I saw Tomé (el sol) - I sunbathed Comí - I ate Bebí - I drank Viví - I lived / Vivía - I used to live Trabajé - I worked Estudí - I studied Ayudé - I helped Me gustaba - I used to like Odiaba - I used to hate</p> <p>Excellent Vocab to know</p> <p>muy - very mucho - a lot bastante - quite poco - a little sin embargo - however</p>	<p>Time Phrases - Present</p> <p>normalmente - normally todos los días - every day cada noche - every evening</p> <p>Key Verbs</p> <p>Soy - I am Voy - I go Es - it is Tengo - I have Hago - I do Juego - I play Veo - I see Tomo (el sol) - I sunbathe Como - I eat Bebo - I drink Vivo - I live Trabajo - I work estudio - I study ayudo - I help me gusta - I like Odio - I hate</p> <p>Excellent expressions to use</p> <p>donde se puede - where you can donde es posible - where it is possible si tuviera la oportunidad - if I had the opportunity si tuviera más tiempo - if I had more time</p>	<p>Time Phrases - Future</p> <p>mañana - tomorrow el día siguiente - the next day el fin de semana próximo - next weekend en el futuro - in the future</p> <p>Key Verbs</p> <p>Seré - I will be / sería - I would be Iría - I would go Sería - it would be Tendría - it would have Haría - I would do Jugaría - I would play Vería - I would see Tomaría (el sol) - I would sunbathe Comería - I would eat Bebería - I would drink Viviría - I would live Trabajaría - I would work Estudiaría - I would study Ayudaría - I would help Me gustaría - I would like Odiaría - I would hate</p> <p>Your own additions</p>

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What do I need to remember about this exam?

- The exam is split into two sections
- Section A (10 marks) contains multiple choice/short written answers
- Section B (60 marks) contains a range of questions on a scenario, and three extended answer questions

What do I need to revise for this exam?

Topic Area	Subtopic	Details
1. Media Industry	1.1 Media industry sectors and products	Traditional media New media Products in the media industry
	1.2 Job roles in the media industry	Creative roles Technical roles Senior roles
2. Media Design and Planning	2.1 How style, content, and layout link to purpose	Purposes: Advertise, educate, entertain, inform, influence Elements: Colour, genre conventions, tone, positioning
	2.2 Client requirements	Type of product, purpose, audience, ethos Client brief formats: Commission, formal, informal
	2.3 Audience demographics and segmentation	Age, gender, occupation, income, education, etc.
	2.4 Research methods and data types	Primary: Focus groups, surveys Secondary: Internet, books, TV Data: Qualitative, quantitative
	2.5 Media codes	Techniques: Camera, colour, graphics, lighting, transitions
3. Pre-production	3.1 Pre-production planning	Components of work plans
	3.2 Documents for ideas generation	Mind map, mood board
	3.3 Documents for designing media products	Asset log, flow chart, script, storyboard, etc.
	3.4 Legal issues in media	Privacy, defamation, data protection Intellectual property, regulation, health, and safety
4. Media Distribution	4.1 Distributed platforms and media	Online platforms, physical platforms, physical media
	4.2 Properties and formats of media files	Image, audio, moving image files File compression: Lossy, lossless



Establishing Shot



Full Shot



Medium Shot



Close Shot



Extreme Close Shot



Up Shot



Down Shot



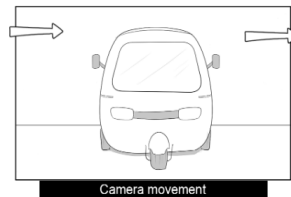
Over The Shoulder



Two-Shot






POV shot



How to Draw Storyboards

Where can I find help with revision?

- | | | |
|--|--------------------------|---|
|  | Seneca Learning | https://senecalearning.com/ |
|  | BBC Bitesize | https://www.bbc.co.uk/bitesize |
|  | YouTube – KnowItAllNinja | https://www.youtube.com/@knowitallninjalearn |

What do I need to remember about this exam?

Do diagrams in pencil

Use keywords and vocabulary

Read all the questions as a rough guide 6 marker questions spend 6-10 minutes on.

You can bullet point your answers and answer all questions

Show all your working in calculation and drop in the values into the equations first then rearrange.

What do I need to revise for this exam?

Topics	Required Practicals
C6 Rates of reaction and equilibrium	C6 Rates of reaction
C7 Hydrocarbons	C8 Chromatography
C8 Chemical analysis	C10 Potable water
C9 Chemicals of the atmosphere	
C10 Sustainable development	

Topic C6 — The Rate and Extent of Chemical Change

Rates of Reaction.....	138
Factors Affecting Rates of Reaction.....	139
Measuring Rates of Reaction.....	140
More on Measuring Rates.....	141
Graphs of Reaction Rate Experiments.....	142
Working Out Reaction Rates.....	143
Reversible Reactions.....	144
Revision Questions for Topic C6.....	145

Topic C7 — Organic Chemistry

Hydrocarbons.....	146
Crude Oil.....	147
Fractional Distillation.....	148
Cracking.....	149

Topic C8 — Chemical Analysis

Purity and Formulations.....	150
Paper Chromatography.....	151
Using Chromatograms.....	152
Tests for Gases.....	153
Revision Questions for Topics C7 & C8.....	154

Topic C9 — Chemistry of the Atmosphere

The Evolution of the Atmosphere.....	155
Greenhouse Gases and Climate Change.....	156
Carbon Footprints.....	157
Air Pollution.....	158

Topic C10 — Using Resources

Finite and Renewable Resources.....	159
Reuse and Recycling.....	160
Life Cycle Assessments.....	161
Using Life Cycle Assessments.....	162
Potable Water.....	163
Desalination.....	164
Waste Water Treatment.....	165
Revision Questions for Topics C9 & C10.....	166

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C6 Rates of reaction and equilibrium C7 Hydrocarbons C8 Chemical analysis C9 Chemicals of the atmosphere C10 Sustainable development	C6 Rates of reaction C8 Chromatography C10 Potable water

Topic C6 — The Rate and Extent of Chemical Change

Rates of Reaction.....	142
Factors Affecting Rates of Reaction.....	143
Measuring Rates of Reaction.....	144
Two Rates Experiments.....	145
Finding Reaction Rates from Graphs.....	146
Reversible Reactions.....	147
Le Chatelier's Principle.....	148
Revision Questions for Topic C6.....	149

Topic C7 — Organic Chemistry

Hydrocarbons.....	150
Fractional Distillation.....	151
Uses and Cracking of Crude Oil	152

Topic C8 — Chemical Analysis

Purity and Formulations.....	153
Paper Chromatography.....	154
Tests for Gases.....	155
Revision Questions for Topics C7 & C8.....	156

Topic C9 — Chemistry of the Atmosphere

The Evolution of the Atmosphere.....	157
Greenhouse Gases and Climate Change.....	158
Carbon Footprints.....	159
Air Pollution	160

Topic C10 — Using Resources

Finite and Renewable Resources.....	161
Reuse and Recycling.....	162
Life Cycle Assessments.....	163
Potable Water.....	164
Waste Water Treatment.....	165
Revision Questions for Topics C9 & C10.....	166

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You can bullet point your answers and answer all questions

Show all your working in calculation and drop in the values into the equations first then rearrange.

What do I need to revise for this exam?

Topics	Required Practicals
C6 Rates of reaction and equilibrium	C6 Rates of reaction
C7 Hydrocarbons	C8 Chromatography
C8 Chemical analysis	C8 Identification of cations and anions
C9 Chemicals of the atmosphere	C10 Potable water
C10 Sustainable development	

Topic 6 — The Rate and Extent of Chemical Change

Rates of Reaction.....	67
Factors Affecting Rates of Reaction.....	68
Measuring Rates of Reaction.....	69
Two Rates Experiments.....	70
Finding Reaction Rates from Graphs.....	71
Reversible Reactions.....	72
Le Chatelier's Principle.....	73
Revision Questions for Topic 6.....	74

Topic 7 — Organic Chemistry

Hydrocarbons.....	75
Fractional Distillation.....	76
Uses and Cracking of Crude Oil	77
Alkenes.....	78
Reactions of Alkenes.....	79
Addition Polymers.....	80
Alcohols.....	81
Carboxylic Acids.....	82
Condensation Polymers.....	83
Naturally Occurring Polymers.....	84
Revision Questions for Topic 7.....	85

Topic 8 — Chemical Analysis

Purity and Formulations.....	86
Paper Chromatography.....	87
Tests for Gases and Anions.....	88
Tests for Cations.....	89
Flame Emission Spectroscopy.....	90

Topic 9 — Chemistry of the Atmosphere

The Evolution of the Atmosphere.....	91
Greenhouse Gases and Climate Change.....	92
Carbon Footprints.....	93
Air Pollution	94
Revision Questions for Topics 8 & 9.....	95

Topic 10 — Using Resources

Ceramics, Composites and Polymers.....	96
Properties of Materials.....	97
Corrosion.....	98
Finite and Renewable Resources.....	99
Reuse and Recycling.....	100
Life Cycle Assessments.....	101
Potable Water.....	102
Waste Water Treatment.....	103
The Haber Process.....	104
NPK Fertilisers.....	105
Revision Questions for Topic 10.....	106

Where can I find help with revision?

Educake <https://www.educake.co.uk/>

Seneca learning <https://senecalearning.com/en-GB/>

<https://www.freesciencelessons.co.uk/videos/>

What do I need to remember about this exam?

Do diagrams in pencil

Use keywords and vocabulary

Read all the questions as a rough guide 6 marker questions spend 6-10 minutes on.

You can bullet point your answers and answer all questions

Show all your working in calculation and drop in the values into the equations first then rearrange.

What do I need to revise for this exam?

Topics	Required Practicals
C6 Rates of reaction and equilibrium C7 Hydrocarbons C8 Chemical analysis C9 Chemicals of the atmosphere C10 Sustainable development	C6 Rates of reaction C8 Chromatography C10 Potable water

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What do I need to remember about this exam?

Decision Making Exercise – The proposed Tudeley Village Development (links to Urban Issues and Challenges)

Geographical Skills – map skills, mathematical skills, unfamiliar fieldwork

Fieldwork – Physical (Hendon) and Human (South Sheilds)

What do I need to revise for this exam?

Section A: Question 1-3 Decision Making Exercise	Section B: Question 4 Unfamiliar Fieldwork Questions	Q5: Own Fieldwork Opportunities
<p>Based on the pre release figure focusing on the proposed Tudeley Village Development Links to Urban Issues and Challenges: Greenfield/Brownfield sites, Urban Sprawl, Transportation, Waste management, Sustainable Cities, Sustainable energy</p>	<p>Being able to plan and analyse unfamiliar fieldwork topics and ideas Including:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Creating an appropriate questions for a geographical enquiry <input type="checkbox"/> Selecting appropriate ways to measure and record data, including understanding the advantages and disadvantages of each technique <input type="checkbox"/> Selecting appropriate ways to present data including interpreting data and graphs, and being aware of their limitations of each method. <input type="checkbox"/> Use of statistical data (mean, mode, median and range, interquartile range) and the limitations of these methods. <input type="checkbox"/> Describing and analysing fieldwork data 	<p>1. Suitable question for geographical enquiry</p> <ul style="list-style-type: none"> <input type="checkbox"/> The factors that need to be considered when selecting suitable questions/hypotheses for geographical enquiry. <input type="checkbox"/> The geographical theory/concept underpinning the enquiry. <input type="checkbox"/> Appropriate sources of primary and secondary evidence, including locations for fieldwork. <input type="checkbox"/> The potential risks of both human and physical fieldwork and how these risks might be reduced. <p>2. Selecting, measuring and recording data appropriate to the chosen enquiry</p> <ul style="list-style-type: none"> <input type="checkbox"/> Difference between primary and secondary data. <input type="checkbox"/> Identification and selection of appropriate physical and human data. <input type="checkbox"/> Measuring and recording data using different sampling methods. <input type="checkbox"/> Description and justification of data collection methods. <p>3. Selecting appropriate ways of processing and presenting fieldwork data</p> <ul style="list-style-type: none"> <input type="checkbox"/> Appreciation that a range of visual, graphical and cartographic methods is available. <input type="checkbox"/> Selection and accurate use of appropriate presentation methods. <input type="checkbox"/> Description, explanation and adaptation of presentation methods <p>4. Describing, analysing and explaining fieldwork data</p> <ul style="list-style-type: none"> <input type="checkbox"/> Description, analysis and explanation of the results of fieldwork data. <input type="checkbox"/> Establish links between data sets. <input type="checkbox"/> Use appropriate statistical techniques. <input type="checkbox"/> Identification of anomalies in fieldwork data. <p>5. Reaching conclusions Draw evidenced conclusions in relation to original aims of the enquiry.</p> <p>6. Evaluation of geographical enquiry</p> <ul style="list-style-type: none"> <input type="checkbox"/> Identification of problems of data collection methods. <input type="checkbox"/> Identification of limitations of data collected. <input type="checkbox"/> Suggestions for other data that might be useful. <input type="checkbox"/> Extent to which conclusions were reliable.

Where can I find help with revision?

Teams has Knowledge organisers, Revision PowerPoints and Revision Cards

Internet Geography: <https://www.internetgeography.net/aqa-gcse-geography-pre-release/>

Youtube: Search **AQA Geography 2024 Pre Release. Unit 3. Tudeley Village Development**

What do I need to remember about this exam?

- Draw diagrams in pencil.
- Identify key words in extended answer questions.
- Remember you can bullet point your answers.
- Show full working out in calculations.
- Substitute the values into the equation before rearranging.
- Attempt all questions.

What do I need to revise for this exam?

Topics	Required Practicals
5. Forces 6. Waves 7. Magnetism and electromagnetism 8. Space	Topic 5: extension of a spring, acceleration. Topic 6: wavespeed, reflection and refraction, infrared radiation

Topic 5 — Forces

Contact and Non-Contact Forces.....	51
Weight, Mass and Gravity.....	52
Resultant Forces and Work Done.....	53
Calculating Forces.....	54
Forces and Elasticity.....	55
Investigating Springs.....	56
Moments.....	57
Fluid Pressure.....	58
Upthrust and Atmospheric Pressure.....	59
Distance, Displacement, Speed and Velocity.....	60
Acceleration.....	61
Distance-Time and Velocity-Time Graphs.....	62
Terminal Velocity.....	63
Newton's First and Second Laws.....	64
Inertia and Newton's Third Law.....	65
Investigating Motion.....	66
Stopping Distances.....	67
Reaction Times.....	68
More on Stopping Distances.....	69
Momentum.....	70
Changes in Momentum.....	71
Revision Questions for Topic 5.....	72

Topic 8 — Space Physics

The Life Cycle of Stars.....	100
The Solar System and Orbits.....	101
Red-shift and the Big Bang.....	102
Revision Questions for Topic 8.....	103

Topic 6 — Waves

Transverse and Longitudinal Waves.....	73
Experiments With Waves.....	74
Reflection.....	75
Electromagnetic Waves and Refraction.....	76
Investigating Light.....	77
Radio Waves.....	78
EM Waves and Their Uses.....	79
More Uses of EM Waves.....	80
Dangers of Electromagnetic Waves.....	81
Lenses.....	82
Images and Ray Diagrams.....	83
Concave Lenses and Magnification.....	84
Visible Light.....	85
Infrared Radiation and Temperature.....	86
Black Body Radiation.....	87
Sound Waves.....	88
Ultrasound.....	89
Exploring Structures Using Waves.....	90
Revision Questions for Topic 6.....	91

Topic 7 — Magnetism and Electromagnetism

Permanent and Induced Magnets.....	92
Electromagnetism.....	93
The Motor Effect.....	94
Electric Motors and Loudspeakers.....	95
The Generator Effect.....	96
Generators and Microphones.....	97
Transformers.....	98
Revision Questions for Topic 7.....	99

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Working Scientifically

The Scientific Method.....	1
Communication & Issues Created by Science.....	2
Risk.....	3
Designing Investigations.....	4
Collecting Data.....	5
Processing and Presenting Data.....	6
Units and Equations.....	8
Drawing Conclusions.....	9
Uncertainties and Evaluations.....	10

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6. Waves	
7. Magnetism and electromagnetism	

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Topic P5 — Forces

Contact and Non-Contact Forces.....	201
Weight, Mass and Gravity.....	202
Resultant Forces and Work Done.....	203
Calculating Forces.....	204
Forces and Elasticity.....	205
Investigating Springs.....	206
Distance, Displacement, Speed and Velocity.....	207
Acceleration.....	208
Distance-Time and Velocity-Time Graphs.....	209
Terminal Velocity.....	210
Newton's First and Second Laws.....	211
Inertia and Newton's Third Law.....	212
Investigating Motion.....	213
Stopping Distances.....	214
Reaction Times.....	215
Momentum.....	216
Revision Questions for Topic P5.....	217

Topic P6 — Waves

Transverse and Longitudinal Waves.....	218
Experiments With Waves.....	219
Wave Behaviour and Electromagnetic Waves.....	220
Refraction.....	221
Radio Waves.....	222
EM Waves and Their Uses.....	223
More Uses of EM Waves.....	224
Investigating Infrared Radiation.....	225
Dangers of Electromagnetic Waves.....	226

Topic P7 — Magnetism and Electromagnetism

Permanent and Induced Magnets.....	227
Electromagnetism.....	228
The Motor Effect.....	229
Electric Motors.....	230
Revision Questions for Topics P6 & P7.....	231

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The Motor Effect.....	229
Electric Motors.....	230
Revision Questions for Topics P6 & P7.....	231

Where can I find help with revision?

Educake

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What do I need to remember about this exam?

- ❑ Section A - The first 20 marks are multiple choice questions – you must attempt all questions in section A.
- ❑ Section B – These are all of your written answers. Check the marks available for each question, this will indicate how much you are expected to write/how in depth your answer needs to be.
- ❑ 10–12-mark questions will always ask you to **analyse** and **evaluate**. To gain maximum marks include an analysis point along with an evaluation point – aim for 5 of each for a 10-mark question and 6 of each for a 12-mark question.

What do I need to revise for this exam?

Section 1 - Food, nutrition & health

- Proteins
- Fats
- Carbohydrates
- Vitamins – fat/water soluble
- Minerals and trace elements
- Fibre and water
- Healthy eating guidelines
- Nutritional needs of age groups
- Diet-related health problems
- Energy needs (BMR/PAL)
- Nutritional analysis
- Planning and adapting meals

Section 3 - Food safety

- Food spoilage
- Storing food safely (fridge/freezer/ambient)
- Preparing food safely (cross contamination/personal hygiene/coloured chopping boards)
- KEY TEMPERATURES
- Food poisoning – symptoms/causes/ways to avoid
- Uses of micro-organisms (cheese/yeast)

Section 5 - Food provenance

- Grown food and GM crops
- Reared & caught food
- Waste food and packaging
- Primary & secondary processing

Section 2 - Food science

- Why food is cooked
- Heat transfer – conduction/convection/radiation
- Water/fat/dry based cooking methods
- Changing properties – protein (denaturation/foam/coagulation)
- Changing properties – carbohydrates (caramelisation/dextrinisation/gelatinisation)
- Changing properties – fats & oils (emulsion)
- Raising agents

Section 4 - Food choice

- Influences on food choice
- Cultural, religious and moral food choices
- Food labelling
- Influences on marketing
- British & international cuisine
- Sensory testing

- Waste food and packaging
- Food miles & carbon footprint
- Global food production
- Food fortification and modification

Where can I find help with revision?

- Use the knowledge organisers your teacher has given you
- Check your class team for revision PowerPoint's/resources. You will also be given a weekly quizziz code to practice multiple choice questions
- Use your CGP textbook!

Exam: Retail Business **Length of Exam:** 1 hr 30mins **Date:** 20/6/24 PM

What do I need to remember about this exam?

Answer all Multiple choice questions.
Answer all 2 –4-mark questions
Attempt all questions.

What do I need to revise for this exam?

Visual Merchandising principles
Z pathway- Rule of thirds
E- Commence
M- Commerce

Persuasive Language
4- P's

Product, Price, Place, Promotion

Different types of landscaping

Advertising Techniques – Football, impulse buys, unwanted stock.

Sales increase – shop – how? Layout?

Promotions – Social media/ email/ blog/ smart phone/ FB/ LinkedIn.

Where can I find help with revision?

Use the help sheets/ revision questions given out in class.

Before anything else,
**preparation is the key
to success.**

– Alexander Graham Bell



"Passing the exams is a simple two-step process: believe in yourself and back it up with hard work."

Striving for success without hard work is like trying to harvest where you haven't planted.

–David Bly

“

THOMAS JEFFERSON

I find that the harder I work, the more luck I seem to have.

”

Stay
positive,
work hard,
make it
happen.

Forget all the reasons it won't work and believe the one reason that it will.