

Revision guidance

Year 10 Mock exams

2nd – 13th June

Please ensure you follow the instructions of your teachers and prepare well for upcoming mock exams after the half-term holidays. In this booklet there is advice on what to revise from

- English
- Mathematics (please choose Higher or Foundation)
- Science (combined and triple award)
- History
- Geography

Remember “Every Second Counts”, as it is now less than a year until you sit your GCSEs.

English Language Paper 2

Exam Approaches



Paper 2 Question 2 (Summary):

Write three **SQLSQI** paragraphs - Initially, additionally, furthermore.

Paragraph 1 deals with the start of the extracts and uses the sentence starter: **Initially...**

Paragraph 2 deal with the middle parts of the extracts and uses the sentence starter:

Additionally...

Paragraph 3 deals with the ending of the extracts and uses the sentence starter: **Furthermore...**

STATEMENT - summary of ideas linked to question from Source A

QUOTE - Word/ phrase/ sentence

INFERENCE - use the word infer when briefly exploring the quote.

LINK TO SOURCE B - In comparison, the writer of Source B ...

STATEMENT - summary of ideas linked to question from Source B

QUOTE - Word/ phrase/ sentence

INFERENCE - use the word infer when briefly exploring the quote.

Section B:

Question 5 – The Seven Steps for Non-Fiction:

1 Set the Scene/Imagine

2 One sentence paragraph

3 Best Reason

4 Second Best Reason

5 One sentence paragraph

6 Counter argument

7 Future & Final Reason

Section A:

Paper 2 Question 3 (Language):

Write 2 **PEALL** paragraphs

A well developed **PEALL** paragraph should be between ½ and ¾ of a page.

POINT - confident idea that addresses the question

EVIDENCE - word/ phrase or sentence

ANALYSIS - explore words/ analyse features/ literally/ metaphorically

LAYERS - the idea that ... is reiterated later on in the text when... (Analyse another quotation)

LINKS - link back to the question – evaluate ideas.

Paper 2 Question 4 (Comparison – same approach as poetry comparison)

Paragraph 1: Mini bold statement. This should take 30 seconds. E.g. *'On the whole the writer in Source A expresses feelings of sadness and anger due to his isolation from the wider community. In contrast, the writer in Source B expresses feelings of optimism towards spending the rest of her life on her own'.*

FEALL A – focuses on the feelings expressed in Source A ONLY

FEALL B – starts with a compare connective – focuses on the feelings presented in Source B with at least 3 cross-references to Source A, including the opening sentence.

FEALL is the same skills as **PEALL** but emphasising **FEELING** at the start of the paragraph:

FEELING - confident idea that addresses the question – how does the writer feel?

EVIDENCE - word/ phrase or sentence

ANALYSIS - explore words/ analyse features/ literally/ metaphorically

LAYERS - the idea that ... is reiterated later on in the text when... (Analyse another quotation)

LINKS - link back to the question – evaluate ideas.

Angle Facts - Video 35, 30, 34, 39
 Types of Angle - Video 38
 Angles in Parallel Lines - Video 25
 Angles in a Triangle - Video 37
 Angles in a Quadrilateral - Video 33
 Angles in Polygons - Video 32
 Bearings - Videos 26, 27
 Scales & Maps - Video 283
 Perimeter - Video 241
 Area of Rectangles/Triangles - Videos 45, 49
 Area of a Trapezium - Video 48
 Units - Videos 347, 349
 Sensible Estimates - Video 285
 Line Symmetry - Video 316
 Rotational Symmetry - Video 317
 Constructions - Videos 72, 78, 83
 Loci - Videos 75, 76, 77
 Faces, Edges, Vertices - Videos 5, 3
 Nets - Video 4
 Views and Elevations - Video 354
 Time Calculations - Video 322
 Timetables - Video 320
 Distance Charts - Video 318
 Speed, Distance, Time - Video 299
 Travel Graphs - Video 171
 Density - Video 384
 Pressure - Video 385
 Translations - Video 325, 326
 Reflections - Videos 272, 273
 Rotations - Video 275
 Enlargements - Videos 104, 105, 107
 Parts of the Circle - Video 61
 Circumference - Video 60, 243
 Area of a Circle - Video 59, 47
 Arc Length - Video 58
 Area of a Sector - Video 46
 Volume of a Cylinder - Video 357
 Pythagoras - Video 257
 Trigonometry - Videos 329, 330, 331
 Exact Trig Values - Video 341
 Similar Shapes (sides) - Video 292
 Congruent Triangles - Video 67
 Volume of a Cuboid/Prism - Video 355, 356
 Volume of a Sphere/Cone - Videos 359, 361
 Surface Area - Video 310
 Surface area of Sphere/Cone - Videos 313, 314
 Vectors - Video 353a, 353

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GCSE Foundation Tier Checklist

Multiplication - Video 199, 200
 Division - Video 98
 Addition - Video 6
 Subtraction - Video 304
 Rounding - Video 276, 277a, 277b, 278, 280
 Estimation - Video 215
 Order of Operations - Video 211
 Ordering Decimals - Video 95
 Arithmetic with Decimals - Videos 90, 91, 92, 93, 94
 Multiples and Factors - Videos 220, 216
 Prime Numbers - Video 225
 Square Numbers and Square Roots - Videos 226, 228
 Cube Numbers and Cube Roots - Videos 212, 214
 Product of Primes - Video 223
 LCM/HCF - Videos 218, 219, 224
 Indices - Videos 172, 174
 Negative Indices - Video 175
 Standard Form - Video 300, 302, 303
 Fractions of Amounts - Video 137
 Adding Fractions - Video 133
 Multiplying Fractions - Video 142
 Dividing Fractions - Video 134
 Reciprocals - Video 145
 Fractions, Decimals, Percentages - Videos 121 to 129
 Expressing as Fraction or % - Videos 136, 237
 Percentages of Amounts - Videos 234, 235, 238
 Percentage Change - Video 233
 Simple Interest - Video 236a
 Compound Interest - Video 236
 Reverse Percentages - Video 240
 Ratio - Videos 269, 270, 271
 Currency - Video 214a
 Recipes - Video 256
 Negative Numbers - Videos 205-209
 Place Value - Video 222, 222a
 Error Intervals - Video 377
 Money - Video 400
 Best Buys - Video 210
 Proportion - Videos 255a, 254
 Use of a Calculator - Video 352

Tally Charts - Video 321
 Frequency Trees - Video 376
 Two-way Tables - Video 319
 Pictograms - Videos 161, 162
 Bar Charts - Videos 147, 148
 Line Graphs - Video 160
 Pie Charts - Video 163, 164
 Probability - Videos 245, 246, 248
 Relative Frequency - Video 248
 Listing Outcomes - Video 253
 Scatter Graphs - Videos 165 to 168
 Averages & Range - Videos 56, 50, 53, 57
 Mode: Frequency Table - Video 56a
 Median: Frequency Table - Video 51
 Combined Mean - Video 53a
 Estimated Mean - Video 55
 Venn Diagrams - Video 380
 Tree Diagrams - Video 252
 Reading Tables - Video 387
 Samples - Video 281a
 Coordinates - Video 84
 Function Machine - Video 386
 Writing Expressions - Video 16
 Collecting Like Terms - Video 9
 Multiplying & Dividing Terms - Videos 18, 11
 Laws of Indices - Video 174
 Sequences - Videos 286, 287, 290, 287a
 Geometric Progressions - Video 375
 The nth Term - Video 288
 Expanding Brackets - Videos 13, 14
 Factorising - Video 117
 Factorising Quadratics - Videos 118, 120
 Solving Equations - Video 110, 113, 266
 Forming Equations - Videos 114, 115
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 Conversion Graphs - Video 151
 Drawing Linear Graphs - Video 186
 $y = mx + c$ - Video 191
 Gradient - Video 189
 Real Life Graphs - Video 171a
 Parallel graphs - Video 196
 Substitution - Video 20
 Changing the Subject - Video 7
 Simultaneous Equations - Videos 295, 297
 Quadratic Graphs - Video 264
 Cubic Graphs - Video 344
 Reciprocal Graphs - Video 346



Adding Fractions - Video 133
 Multiplying Fractions - Video 142
 Dividing Fractions - Video 134
 Reciprocal - Video 145
 Decimals - Video 90, 91, 92, 93, 94
 Use of a Calculator - Video 352
 Estimation - Video 215
 Best Buys - Video 210
 Currency - Video 214a
 Conversion Graphs - Video 151, 152
 LCM/HCF - Videos 218, 219
 Product of Primes - Videos 223, 224
 Indices - Videos 172, 174
 Indices (fractional/negative) - Videos 173, 175
 Standard Form - Videos 300, 301, 302, 303
 Percentages of Amounts - Videos 234, 235, 238
 Percentage change - Video 233
 Simple Interest - Video 236a
 Compound Interest - Video 236
 Reverse Percentages - Video 240
 Recurring Decimals to Fractions - Video 96
 Ratio - Videos 270, 271, 271a, 271b, 271c
 Direct Proportion - Video 254
 Inverse Proportion - Video 255
 Proportional Graphs - Video 255b
 Proportion (application) - Video 255c
 Limits of Accuracy - Videos 183, 184
 Surds - Videos 305, 306, 307, 308
 Product Rule for Counting - Video 383
 Error Intervals - Video 377, 280
 Collecting Like Terms - Video 9
 Expanding Brackets - Videos 13, 14, 15
 Factorising - Video 117
 Factorising Quadratics - Videos 118, 119, 120, 119a
 Algebraic Fractions - Videos 21, 22, 23, 24
 Sequences (nth term) - Videos 288, 289
 nth term (quadratics) - Video 388
 Substitution - Video 20
 Equations - Videos 110, 113, 114, 115
 Changing the Subject - Videos 7, 8
 Inequalities - Videos 177, 178, 179
 Inequalities (Regions) - Video 182
 Quadratic Inequalities - Video 378
 Linear Graphs - Videos 191, 186, 189, 194
 Midpoint of a Line - Video 198
 Distance between 2 points - Video 185
 Real-life Linear Graphs - Video 171a
 Parallel or Perpendicular Lines - Videos 196, 197
 Simultaneous Equations - Video 295
 Non-linear Simultaneous Equations - Video 298
 Graphical Simultaneous Equations - Video 297

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GCSE Higher Tier Checklist



Angles in Parallel Lines - Video 25, 39
 Bearings - Video 26, 27
 Angles in Polygons - Video 32
 Constructions - Video 78, 72, 79, 80, 70
 Loci - Videos 75, 76, 77
 Views - Video 354
 Area of a Trapezium - Video 48
 Circumference - Video 60
 Area of a Circle - Video 40
 Arc Length - Video 58
 Area of a Sector - Video 48
 Volume of a Cylinder - Video 357
 Pythagoras - Video 257, 259
 Trigonometry - Videos 329, 330, 331
 3D Trig and Pythagoras - Videos 259, 332
 Exact Trig Values - Video 341
 Volume of a Prism - Video 356
 Volume of Cone/Pyramid/Sphere - Videos 359-361
 Volume of a Frustum - Video 360a
 Surface Area of a Prism - Video 311
 Surface Area of Cone/Sphere - Videos 314, 313
 Metric Units (area/volume) - Videos 350, 351
 Translations - Video 325
 Reflections - Video 272
 Rotations - Video 275
 Enlargements - Videos 104, 106, 107, 108
 Similar Shapes - Videos 292, 293a, 293b
 Circle Theorems - Videos 64, 65
 Sine Rule - Video 333
 Cosine Rule - Videos 335, 336
 $1/2ab\sin C$ - Video 337
 Vectors - Video 353
 Column Vectors - Video 353a
 Travel Graphs - Video 171
 Speed, Distance, Time - Video 299
 Density - Video 384
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 Geometric Proof - Video 366
 Congruent Triangles - Video 67
 Invariant Points - Video 392

Frequency Trees - Video 376
 Two-way Tables - Video 319
 Pie Charts - Videos 163, 164
 Scatter Graphs - Videos 165, 166
 Histograms - Video 157, 158, 159
 Cumulative Frequency - Videos 153, 154
 Box Plots - Video 149
 Quartiles - Video 57a
 Estimated Mean - Video 55
 Combined Mean - Video 53a
 Median (frequency table) - Videos 51, 52
 Modal class (frequency table) - Video 56a
 Probability - Video 250
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 Samples - Video 281a
 Tree Diagrams - Video 252
 Conditional Probability - Video 247
 Venn Diagrams - Video 380
 Equation of a Circle - Video 12
 Equation of a tangent - Video 372
 Instantaneous rates of change - Video 390a
 Average rates of change - Video 390b
 Area under a curve - Video 389
 Composite Functions - Video 370
 Inverse Functions - Video 369
 Quadratic Graphs - Video 264
 Solving Quadratics Graphically - Videos 367c, 367d
 Sketching Quadratics - Video 265
 Trigonometric Graphs - Videos 338, 339
 Cubic Graphs - Video 344
 Reciprocal Graphs - Video 346
 Exponential Graphs - Video 345
 Geometric Sequences - Video 375
 Algebraic Proof - Video 365
 Quadratic Formula - Video 267
 Completing the Square - Video 10, 371
 Transformations of Graphs - Video 323, 324
 Identities - Video 16a
 Iteration - Video 373, 373a, 373b

Which science papers will I be sitting in the year 10 mocks in June?

Combined: Biology Paper 1 (1 hour 15minutes)

Triple Science: Biology Paper 1 (1 hour 45 minutes)

Chemistry Paper 1 (1 hour 45 minutes)

Physics Paper 1 (1 hour 45 minutes)

What should I revise for the Year 10 Science mocks?

Combined

Biology Paper 1 topics
<ul style="list-style-type: none">• Cell Biology topic and Required practical's (Microscopy and osmosis)• Organisation topic and Required practical's (Enzymes and food tests)• Infection and response topic• Bioenergetics and Required practical's (Photosynthesis)

Triple

Biology Paper 1 topics
<ul style="list-style-type: none">• Cell Biology topic and Required practical's (Microscopy, osmosis, effect of antibiotics on bacterial growth)• Organisation topic and Required practical's (Enzymes and food tests)• Infection and response topic• Bioenergetics and Required practical's (Photosynthesis)

Chemistry Paper 1 topics
<ul style="list-style-type: none">• Atomic structure and the periodic table topic• Bonding, structure and the properties of matter topic• Quantitative chemistry topic• Chemical changes topic and Required practical's (Making salts, neutralisation, electrolysis)• Energy changes topic and Required practical (Temperature change)

Physics Paper 1 topics
<ul style="list-style-type: none">• Energy topic and Required practical's (Specific heat capacity, thermal insulation)• Electricity topic and Required practical's (Resistance in a wire, IV characteristics)• Particle model of matter topic (Density)• Atomic structure topic

What can I use to support me with my revision?

- **CGP revision guide**
- **AQA science specification (emailed)**
- **Required practical handbook (emailed)**

- **BBC Bitesize:** revision notes, mini quizzes, 4-6 marker questions
- **Physics and maths tutor:** flashcards, mind map's, required practical notes, past papers
- **YouTube channels:**
 - Free science lessons: sort and concise revision clips
 - Malmsbury school: required practical's
 - Fuse school
 - Cognito

And of course there is **Seneca!**

How can you use these resources?

Mind maps
Blurting
Flashcards
Exam style questions



OSCA History Department revision support

Y10 June 2025

Paper 2 (1hour 45 mins)

Part 1 Queen Elizabeth 1558-1588

Question structure and key topics to revise (some of these topics)

Q2 – Explain why... (12 marks, 3 PEEL paragraphs)

Skills – You will need to be able to write 3 PEEL paragraphs explaining the causes of a particular event. **Content to revise: Mary Queen of Scots and her execution.**

Q3 – How far do you agree question (16 marks + 4 SPAG, balanced answer)

Skills: Judging the significance of key events; comparing events; reaching a judgement.

In this question, you will be given a choice between two questions. You will select just ONE. **Content to revise: Leisure activities of the rich and poor in Elizabethan England AND the four plots/revolts against**

You can use online resources such as the bbc bitesize ([Tudors and Stuarts \(15th to 17th century\) - GCSE History Revision - Edexcel - BBC Bitesize](#)), a tutor website ([Elizabeth I | Topics | History | tutor2u](#)), Rapid Revision ([GCSE History Rapid Revision: Elizabeth I - The Virgin Queen](#)) and various other tutorials on youtube.

You can also use your KO's/exercise books/work books and design mindmaps, flashcards and test yourself.

If there is anything else you need, please email your teacher

Elizabeth including their significance.

Part 2 – American West

Question structure: (use the revision guide for more details/help)

Q3 – 16 marks. You have to explain the IMPORTANCE of 2 key events. It is 8 marks for each explanation. You will have a choice of 3; you will choose 2 of them.

Topics:

Indian Appropriations Act and the impact on the Plains Indians

The Oregon Trail and the impact on migrants

The Civil War for settlement in the West

[Edexcel GCSE: The American West c1835-c1895 | History | tutor2u](#)
[History: Edexcel GCSE The American West, c1835-c1895](#)
[\(senecalearning.com\)](#)
[GCSE History Rapid Revision: The Plains Indians - YouTube](#)

Again, don't forget to use your revision guide to help

If there is anything else you need, please
email your teacher

Paper 2

Part 3 Medicine in Britain

Public Health 1200-present day

Question structure: (use the revision guide for more details/help)

Section B Q3 – 6 Medicine

Q3 – Explain a comparison of an aspect of medicine from 2 key time periods (4).

Skills: Use PEEL structure to identify a comparison and use evidence to explain why they are different or similar (read the question carefully).

Topics to revise –Care provided in hospitals in the Medieval period (1250-1500) and Care provided in hospitals in the Industrial period (1750-1900)

Q4 – Explain why question (12)

Skills: Use 3 PEEL paragraphs to fully explain the main focus of the question

Content: Prevention of illness in the Industrial period (1750-1900) Smallpox & Edward Jenner & Vaccinations, John Snow & Cholera, Public Health Act 1875 and Bazalgette.

Q5 OR 6 – How far do you agree question (16+4)

Skills: Produce a BALANCED answer. Include a BOLD statement. Then argue whether you agree or not. Then complete a counter argument. Finish with a THOUGHTFUL conclusion.

Content: 1 - Care and Treatment in the Industrial period (1750-1900), Florence Nightingale, Anaesthetics & Antiseptics, Pasteur's Germ Theory and Care and Treatment in the Renaissance period (1500-1750) Great Plague.

You can use online resources such as the bbc bitesize ([Change and continuity across time - Medicine in Britain overview - Edexcel - GCSE History Revision - Edexcel - BBC Bitesize](#)), a tutor website ([Medicine in Britain c1250-present | Topics | History | tutor2u](#)), Rapid revision ([Rapid Revision: Medicine Through Time c.1250-Present - YouTube](#)) and various other tutorials on youtube.

You can also use your KO's/exercise books/work books and design mindmaps, flashcards and test yourself.

Blended learning resources

For extra resources and a digital version of your revision guide, you can access this on Blended Learning.

Go to the Blended learning folder on Teams and follow the pathway below (don't forget to click on 'files', not 'posts'):

Documents > General > BLENDED LEARNING RESOURCES > YEAR 10 > History

Geography Year 10 Mock Exam Support










- We follow the AQA Specification for GCSE Geography
- The geography mock exam will be 1 hour 30 Minutes Long
- The paper will consist of the 3 units that students have completed so far this year -
 - The Living World – Rainforests and Deserts – 25 Marks
 - Physical Landscapes – Rivers and Coasts – 30 Marks
 - Urban Issues and Challenges - Rio and Birmingham – 33 Marks

The first resource for revision support should be completed exercise books.
For Geography, not all of our case studies can be found in revision guides/online.

Support materials are also available on the blended learning Teams Channel -

In the folder there is a digital textbook, revision activities to complete, revision notes to offer support throughout and after the mock exams.

Documents > General > BLENDED LEARNING RESOURCES > YEAR 10 > GEOGRAPHY

	Name ▾	Date Time ▾	Modified ▾	File Size ▾
	1. Specification - A list of everything you ne...		February 1, 2024	9 items
	1.1 Homework PPT and Calendar		February 1, 2024	4 items
	2. GCSE AQA Textbook		February 1, 2024	1 item
	3. Teacher Revision Lessons		February 1, 2024	3 items
	4. Geography Revision Support		February 1, 2024	6 items
	5. Exam Papers		February 1, 2024	4 items
	Archive		November 10, 2022	17 items
	Mr Kettles Additional Support Folder		February 2, 2023	3 items

Other, more generic resources are -

GCSE Geography - AQA - BBC Bitesize <https://www.bbc.co.uk/bitesize/examspecs/zy3ptyc>

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

Any additional support, please contact dixona@ormistonsandwell.org.uk or your child's teacher.