MPW

Easter Revision in Cambridge

Course Outlines

30 March to 17 April 2026

www.mpw.ac.uk

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Introduction

About us

MPW Cambridge was founded in 1987 and is part of the MPW group of independent fifth and sixth form colleges. Our college is situated in attractive Victorian premises on the south side of Cambridge city centre with around 180 term-time GCSE and A level students on roll each year. We offer a broad range of subjects and have a tradition of expertise in intensive, exam-oriented courses. It is this expertise which forms the basis of our Easter Revision programme.

The college is a member of the Independent Schools Council (ISC) and, in common with most leading independent schools, is subject to regular inspections by the Independent Schools Inspectorate (ISI). The full report from our October 2023 inspection is available on our website.

Easter Revision at MPW Cambridge

MPW has been running successful Easter Revision courses for over 25 years. Our courses focus on the following aspects which are essential for students' confidence and good academic performance:

- Intensive revision of core topics and examination practice
- Emphasis on understanding rather than learning
- Identification of the most common types of exam question set on each topic
- Question-answering techniques and essay-writing skills
- Study and revision skills
- Exam board specificity

Our tutors are highly qualified graduates whose experience at MPW has trained them to be particularly adept at building students' confidence quickly and efficiently. Many are GCSE and A level examiners and are therefore attuned to the requirements and approaches of the various examination boards.

Group size is limited to nine students. Such small classes are essential in order to provide the close attention that each student requires. Students must expect to be worked hard for the duration of their courses and they are tested regularly and given advice on the best way to revise in the final run-up to their exams.

> *"Informative and engaging. No different from lessons in the classroom."*

> *"The lessons are very well planned and structured, and paced slowly making it easier to follow and understand the topics covered"*

Easter Revision 2026 Course Dates

Our course dates for Easter Revision 2026 are as follows:

- Week 1: Monday 30 March - Friday 3 April *(including Good Friday)*
- Week 2: Monday 6 April - Friday 10 April (including Easter Monday)
- Week 3: Monday 13 April - Friday 17 April

GCSE/IGCSE COURSES

Most GCSE and IGCSE courses run Monday to Friday from 9am to 12.30pm and/or from 1.30pm to 5pm and cost £710.

The following GCSE/IGCSE courses are available:

- Biology
- Chemistry
- Computer Science
- English Language
- English – Second Language
- English Literature
- French
- Geography
- German
- History
- Mathematics
- Physics
- Psychology
- Religious Studies
- Science
- Spanish

Our GCSE/IGCSE revision courses are designed for Year 11 students who will be sitting their exams in summer 2026.

A Level Courses (Year 12 and Year 13)

We run A level courses in the following subjects:

- Biology
- Business
- Chemistry
- Classical Civilisation
- Computer Science
- Economics
- English Language
- English Literature
- French
- Geography
- German
- History
- Mathematics
- Physical Education
- Philosophy
- Physics
- Politics
- Psychology
- Religious Studies
- Spanish
- Sociology

Year 13 A level Easter Revision courses are for students who are in their final year of A levels and sitting their exams in summer 2026. All Year 13 courses are full-day, week-long courses that run Monday to Friday from 9am to 5pm. The cost is £1363.

Year 12 A level Easter Revision courses are for students who are in their first year of A levels. These students will be sitting internal examinations at their school or college. All Year 12 courses run for a half-week, Monday to Friday from 9am to 12.30pm and/or from 1.30pm to 5pm. These courses cost £710.

A level French and Spanish courses are skills-based courses. Both Year 12 and Year 13 courses run for a half-week, Monday to Friday from 9am to 12.30pm and/or from 1.30pm to 5pm. These courses cost £710.

For A level English Language, A level English Literature and A level History, we offer more bespoke arrangements, typically 1:1 tuition. This is due to the range of topics and texts on offer for these subjects. These arrangements can be discussed in more detail with a member of our Easter Revision team. Specific topics must be given at the time of registration. 1.5 hours per day Monday - Friday.

All listed tuition fees are exclusive of VAT at the standard 20% which will be applied, where applicable, in accordance with government legislation.

Accommodation

For students who cannot commute each day, we offer supervised, full-board accommodation. Full details and costs are available on request.

Timetables

MPW will be happy to email a provisional timetable with costs for your consideration. To receive a provisional timetable, please email us at CambridgeEaster@mpw.ac.uk with the following information:

- ✓ Your name and contact telephone number
- ✓ Full name of student
- ✓ Student's Easter holiday dates/availability
- ✓ Level of student (ie GCSE/IGCSE/Year 12/Year 13)
- ✓ Subject(s) required (and entry tier where applicable)
- ✓ Examination board(s)/specification number for each subject
- ✓ Accommodation requirements (if applicable)

Testimonials

Every year we receive many letters, emails and telephone calls from students who attended revision courses and went on to achieve excellent exam grades, securing places at top universities. Here are a few comments from previous years:

Students say...

"I had a 1-2-1 over Easter for A level Philosophy. My teacher specialised the course to suit me which really helped, I enjoyed my time and the support from everyone around me. My teacher provided resources and is staying in contact with me until my exams. I personally feel the course has provided me with the extra support and confidence needed to get the grades I want."

Philosophy student, Easter Revision

*"I am fortunate enough to have had the opportunity to be part of two Easter Revision weeks and I could not recommend them enough. I left feeling reassured that I was on track to succeed and the overwhelming feeling of "Where do I begin?!" squashed. I am hugely grateful to * and * for their support."*

Politics student, Easter Revision

"This was an absolutely amazing course. Before the course I was quite weak in a few areas but by the end of the week I felt confident with every topic. The practice papers and questions was also very useful indeed. The tutor was first class."

Physics student, Easter Revision

"I found MPW really useful as I am doing my GCSEs in May and I have really enjoyed my time here. The teachers have been really great focusing on what I need to be studying more before my exams."

GCSE student, Easter Revision

"I had a really great time at MPW - I attended the history course so I was only there a couple hours a day. However, my tutor was great and I left feeling much more confident in both my subjects and my own potential - thank you!"

History student, Easter Revision

"I have found the Easter Revision sessions for A level Chemistry at MPW really useful as it has allowed me to highlight my weaknesses and work on bettering them. I really like how even though it's only a week, it manages to touch on every topic in enough depth as well as going over any areas which I still struggled with afterwards."

Chemistry student, Easter Revision

"I found my week of A level Chemistry revision as part of the Easter revision programme really useful. We have been able to cover almost the whole course which has enabled me to see my areas of strengths and weaknesses. Going forward this allows me to target my revision going forward. As well as coming away feeling more confident in areas I have been able to have help in."

Chemistry student, Easter Revision

Parents say...

"My daughter thoroughly enjoyed her Maths course and feels more confident in her sublet then before. Thank you very much!"

Parent of A level Maths student

*"I think the course was hugely beneficial to ** and it has certainly improved his understanding and his confidence in his maths skills. The report was very accurate in highlighting **'s strengths and weaknesses."*

Parent of Physics student

"Thank you very much for providing a great service to the students through the Easter Revision Courses. She has got a lot out of both weeks. She said that the Tutors were excellent – clearly very experienced and helpful. We knew that this week (Chemistry) was going to be tough, especially as she has ADHD and finds it hard to concentrate for long periods, however she feels she has really benefitted. We were delighted to see her grade performance in class (although appreciate that this will not necessarily be possible under exam situations so won't hold her to it!). Almost more importantly, she will have gained a lot of confidence, we feel, through seeing that she can perform and that self-belief will really help."

Parent of A level Geography and Chemistry student

"Many thanks for a successful course for our son – he achieved considerably higher scores than we'd expected, thanks in a large part, to the MPW courses he did over the Easter. We will be sending our second son, for Easter 2025."

Parent of a GCSE Student

"Overall, Maddie scored one 9 (History) two 8 English Language & Literature We will definitely look to send the girls on courses with you again! "

Parent of a GCSE student

"My son did your recent residential Chemistry revision course and he said that his Chemistry tutor was perhaps the best teacher he had ever had. So congratulations!"

Parent of a GCSE Chemistry student

"Thank you for the email and report. My daughter found last week very useful. She said she had never worked so hard. She liked the teacher who she felt had a very good teaching style and explained things really well."

Parent of A level Biology student

"Thank you for the feedback – my daughter found the course invaluable and I would be happy to recommend MPW courses for future students. This has made a real difference to her confidence."

Parent of A level Chemistry student

"A quick email to say that my daughter really enjoyed her Easter Revision Course at MPW. Her tutor was incredibly helpful, thorough and humorous and has even given her revision notes to help her on her way."

Parent of A level Maths student

Biology GCSE AQA

Length of course: 5 half-day sessions

Boards: AQA 8461

This course is suitable only for students studying single GCSE Biology with AQA (8461). It is **not suitable** for those students studying AQA Science or Additional Science or Biology specifications with other exam boards. This award for this specification is graded on the 9-1 scale.

Please note that students can be entered for either higher tier or foundation tier exams for this specification. This course will be delivered to higher tier standard.

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology
- Key ideas

Biology GCSE Edexcel

Length of course: 5 half day sessions

Boards: Edexcel 1BIO

This course is Suitable only for students studying single GCSE Biology with Edexcel (1BIO). It is **not suitable** for those students studying AQA Science or additional science or Biology specifications with other exam boards.

This specification is graded on the 1-9 scale.

Please note that students can be entered for either higher or foundation tier exams for this specification. **The course will be delivered to the higher tier standard.**

- Key concepts in Biology
- Cells and control
- Genetics
- Natural selection and genetic modification
- Health, disease, and the development of medicines
- Plant structures and their functions
- Animal coordination, control, and homeostasis
- Exchange and transport in animals
- Ecosystems and material cycles.

Biology IGCSE Edexcel

Length of course: 5 half-day sessions

Boards: Edexcel 4BI1

This course is designed for students studying IGCSE Biology with Edexcel.

This course is **not suitable** for those students studying IGCSE Double/Dual Award Science or for those students studying any science courses which are not International.

This course will be delivered to higher tier standard. The following topics will be covered:

- Characteristics of living organisms
- Features of eukaryotic and prokaryotic organisms
- Cell structure and organisation
- Movement of substances into and out of cells
- Food tests for reducing sugars, fats, starch and protein
- Enzymes, Photosynthesis, Diet and nutrition
- Alimentary canal
- Transport in plants and Transport in animals
- Disease and immunity
- Gas exchange in humans, Respiration, Gas exchange in plants
- Excretion in humans
- Co-ordination and response
- Tropic responses in plants
- Antibiotics
- Reproduction in plants and Reproduction in animals
- DNA and protein synthesis
- Meiosis and Mitosis
- Monohybrid crosses
- Codominance
- Mutation and evolution
- Selective breeding
- Ecology
- Nitrogen cycle and carbon cycle
- Biotechnology and genetic engineering
- Food supply
- Eutrophication, greenhouse gases and deforestation
- Advantages and disadvantages of using stem cells in medicine
- The importance of cell differentiation in the development of specialised cells
- GM food
- Transgenic animals and cloning
- Fish farming

Chemistry GCSE AQA

Length of course: 5 half-day sessions

Boards: AQA 8462

This course is suitable only for students studying single GCSE Chemistry with AQA (8462). It is **not suitable** for those students studying AQA Science or Additional Science or Chemistry specifications with other exam boards. This award for this specification is graded on the 9-1 scale.

Please note that students can be entered for either higher tier or foundation tier exams for this specification. This course will be delivered to higher tier standard.

The following topics will be covered:

- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes
- The rate and extent of chemical change
- Organic chemistry
- Chemical analysis
- Chemistry of the atmosphere
- Using resources

Chemistry GCSE Edexcel

Length of course: 5 half day sessions

Boards: 1CHO

This course is Suitable only for students studying single GCSE Chemistry with Edexcel (1CHO). It is **not suitable** for those students studying AQA Science or additional science or Chemistry specifications with other exam boards.

This specification is graded on the 1-9 scale.

Please note that students can be entered for either higher or foundation tier exams for this specification. **The course will be delivered to the higher tier standard.**

- Key concepts in chemistry
- States of matter and mixtures
- Chemical changes
- Extracting metals and equilibria
- Separate chemistry 1
- Groups in the periodic table
- Rates of reaction and energy changes
- Fuels and Earth science
- Separate chemistry 2

Chemistry IGCSE Edexcel

Length of course: 5 half-day sessions

Boards: Edexcel 4CH1

This course is designed for students studying IGCSE Chemistry with Edexcel.

This course is **not suitable** for those students studying IGCSE Double/Dual Award Science or for those students studying any science courses which are not International.

The following topics will be covered:

- The particulate nature of matter
- Atoms, elements and compounds
- Chemical energetics
- Chemical reactions
- Acids, bases and salts
- The Periodic Table
- Metals
- Organic Chemistry
- Principles of chemistry
- Chemistry of the elements
- Physical chemistry

Computer Science GCSE

Length of course: 5 half-day sessions

Boards: OCR J277

This course is designed for students who are studying the OCR J277 Computer Science Course and is intended to be a revision of all the main topics together with exam technique and practice to maximise performance in the final exams.

1.1 Systems Architecture

- Architecture of the CPU
- CPU performance
- Embedded Systems

1.2 Memory and Storage

- Primary storage
- Secondary storage
- Units
- Data storage
- Compression

1.3 Computer Networks, connections and protocols

- Networks and topologies
- Wired and wireless networks, protocols and layers

1.4 Network security

- Threats to computer systems and networks
- Identifying and preventing vulnerabilities

1.5 System software

- Operating systems
- Utility software

1.6 Ethical, legal, cultural and environmental impacts of digital technology

- Ethical, legal, cultural and environmental impact

2.1 Algorithms

- Computational thinking
- Designing, creating and refining algorithms
- Searching and sorting algorithms

2.2 Programming fundamentals

- Programming fundamentals
- Data types
- Additional programming techniques

2.3 Producing robust programs

- Defensive design
- Testing

2.4 Boolean logic

- Logic diagrams
- Truth tables
- Combining Boolean operators
- Solving logical problems

2.5 Programming languages and IDEs

- Languages
- The Integrated Development Environment (IDE)

English Language GCSE

Length of course: 5 half-day or quarter-day sessions

Boards: Suitable for all boards

This course provides help with skills useful for GCSE English Language exams and is suitable for Year 11 students sitting English Language GCSE with AQA, CIE, Edexcel, Eduqas or OCR. These are examinations that will be graded on the 9-1 scale.

The course is split into 2 x 1.5-hour sessions per day: Responses to Reading and Writing.

Both sessions will draw on examples of exercises which will be taken from a variety of examination papers and explore different types of exam question, including an explanation of the different sections of the papers. There will also be a focus on exam technique and timing and what examiners are looking for in relationship to the different assessment objectives.

Responses to Reading

Responding to different types of unseen texts:

- Literary prose fiction (19th c and modern), eg extracts from novels and short stories
- Non-fiction (19th c and modern), eg extracts from newspapers and magazines
- Literary non-fiction (19th c and modern), eg speeches, autobiography, travel writing

Skills covered:

- Information retrieval
- Summarising ideas from one or more texts
- Interpreting impressions and viewpoints
- Explaining the writer's attitude
- Analysing the writer's methods
- Writing about language and structure
- Writing about narrative technique
- Comparing texts

The sessions aim to enable students to:

- Identify and interpret explicit and implicit information and ideas. Select and synthesise evidence from different texts.
- Explain, comment on and analyse how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views.
- Compare writers' ideas and perspectives, as well as how these are conveyed, across two or more texts.
- Evaluate texts critically and support this with appropriate textual references.

English Language GCSE (continued)

Writing

Different types of writing covered:

- Non-fiction or transactional writing
- Personal or imaginative writing

Skills covered:

- Planning writing responses
- Interpreting writing questions: identifying audience, purpose and form
- Different types of non-fiction writing (eg explain, inform, argue, persuade)
- Different forms of non-fiction writing (eg letters, speeches, articles)
- Narrative / recount writing
- Writing to describe
- Sentence structure and variety
- Whole text structure and cohesion
- Proofreading for spelling, punctuation and grammar

The sessions aim to enable students to:

- Communicate clearly, effectively and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences.
- Organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts.
- Use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.

English Language IGCSE Edexcel

Length of course: 5 half-day sessions

Boards: Edexcel 4EA1

This course is suitable for Year 11 students sitting English IGCSE with Edexcel (Specification A).

Reading

- Reading and understanding texts with insight and engagement
- Developing and sustaining interpretations of writers' ideas and perspectives
- Understanding and making some evaluation of how writers use linguistic and structural devices to achieve their effects.
- Revising how to answer questions that test understanding of an unprepared reading passage and a passage from part 1 of the Pearson Edexcel International IGCSE English Anthology.

Writing

- Communicating clearly and appropriately, using and adapting forms for different readers and purposes
- Organising ideas into sentences, paragraphs and whole texts using a variety of linguistic and structural features
- Using a range of sentence structures effectively, with accurate punctuation and spelling.
- Revising how to complete a 45-mark writing task involving a given audience, form or purpose. Paper 1 is compulsory for all students.

English - Second Language IGCSE Edexcel

Length of course: 5 half-day sessions

Boards: Edexcel

This course is suitable only for students sitting English – Second Language IGCSE with Edexcel. It is not suitable for students who speak English as their first language.

Reading

- R1: Identify and retrieve facts and details
- R2: Understand and select relevant information
- R3: Recognise and understand ideas, opinions and attitudes and the connections between related ideas
- R4: Understand what is implied but not actually written, eg gist, relationships, writer's purpose/intention, writer's feelings, situation or place

Writing

- W1: Communicate clearly, accurately and appropriately
- W2: Convey information and express opinions effectively
- W3: Employ and control a variety of grammatical structures
- W4: Demonstrate knowledge and understanding of a range of appropriate vocabulary
- W5: Observe conventions of paragraphing, punctuation and spelling
- W6: Employ appropriate register/style

Listening

- L1: Identify and retrieve facts and details
- L2: Understand and select relevant information
- L3: Recognise and understand ideas, opinions and attitudes and the connections between related ideas
- L4: Understand what is implied but not actually stated, eg gist, relationships between speakers, speaker's purpose/intention, speaker's feelings, situation or place

English Literature GCSE/IGCSE

Length of course: 5 half-day sessions

Boards: All boards offered

This exciting full week program offers a unique ability to go through in detail and understand the full mechanics of both literature papers. Sessions are divided into the core paper aspects with a focus on assessment objectives and relevant skills to attain the higher bands. There will be bespoke study guides provided on all the focus texts as well as an open approach to questions and scoping. We likewise provide an opportunity to develop essays skills and working on responses to different genres. We guarantee that the week will comprehensively cover all the essays and questions that students are expected to write in the exam.

Monday: Shakespeare in context.

Tuesday: 19th century novel.

Wednesday: Modern prose and drama.

Thursday: Unseen poetry.

Friday: Tackling the anthologies.

French GCSE/IGCSE

Length of course: 5 half-day

Boards: Suitable for all boards

The course aims to provide a structured and systematic revision of the essential GCSE/IGCSE topic areas, vocabulary and grammar.

The aim of the course is to give plenty of exam practice in the above skills while consolidating vocabulary and grammatical knowledge. The areas and topics will be selected from the following and adapted to the group's needs.

Grammar

- Articles
- Present tense
- Adjectives and their agreements
- Comparison for adjectives and adverbs
- Possessives
- Negatives
- Questions
- Commands
- Past tenses
- Pronouns with the perfect tense
- Future tense/near future tense
- Infinitive
- Pronouns
- Conditional tense

Topics

- Identity and culture – daily life, cultural life
- Local area, holiday and travel – town, region and country; tourist attractions
- School – what school is like, school activities
- Future aspirations – work, ambitions, using languages beyond the classroom
- International and global dimension – bringing the world together, environmental issues

Geography Topics GCSE/IGCSE

Length of course: 5 half-day sessions

Boards: Suitable for all boards

This course revises topics that are common to GCSE/IGCSE specifications in topic-specific sessions, as detailed below. The course will not offer board-specific exam practice and will not cover any coursework, pre-release or decision-making requirements.

Each session does not necessarily include ALL the content within a topic. For example, weather does not include *Drought* or *El Nino/La Nina* as it is not a requirement for all boards. Similarly, Ecosystems only covers tropical environments, whereas some boards will specify an additional option such as Polar or Coral reef environments. Students should bring their own textbooks plus any past papers/questions they are working with.

Multi-board - Topics covered per half day

Monday | Topic 1	**Tuesday | Topic 2**	**Wednesday | Topic 3**	**Thursday | Topic 4**	**Friday | Topic 5**
Development: indicators and measures of development, global patterns, reasons for and impacts of uneven patterns of development, management strategies.	Weather hazards: causes, impacts, management – atmospheric circulation, tropical storms, UK weather hazards, climate change. Tectonic hazards: causes, impacts and management of earthquakes and volcanoes.	Ecosystems: overview of global distribution, tropical rainforests, eg characteristics, value, impacts of human activity, management.	Urban areas / cities: global patterns and characteristics, reasons for the growth of megacities, opportunities (positive impacts/issues), challenges (negative impacts/issues), management.	Coasts And Geographical Skills, map work, Maths for Geography.

German GSCE/IGCSE

Length of course: 5 half-day sessions

Boards: Suitable for all boards

The course aims to provide a structure and systematic revision of the essential GCSE/IGCSE topic areas, vocabulary, and Grammar.

The aim of the course is to give plenty of exam practice in the above skills while consolidating Vocabulary and grammar knowledge. The area and topics will be selected from the following and adapt to the group's needs.

Speaking: Role plays; Discuss a picture-based stimulus photo-card; General conversations; Asking questions.

Reading: Analysing common GCSE vocabulary from a wide variety of past paper material including newspaper and magazine articles, letters, emails, blogs, and online posts.

Listening: Ways of revising and honing listening techniques, through repetition and analysis of German pronunciation patterns. Revising common vocabulary from recorded material from past papers.

Writing: We will look at how structure your response, how to draft emails, letters, and messages (both formal and informal) as well as developing stories. Translation.

Topic Areas/ Themes:

- Identity and culture.
- Local, national, international, and global areas of interest.
- Current and future study and employment.
- Future aspirations, study, and work.
- Social activities, fitness, and health.

History GCSE/IGCSE

Length of course: 5 quarter-day sessions

Boards: All boards offered

Due to the variety of topics available in History specifications, we typically offer 1:1 tuition in this subject. This gives us the flexibility to arrange individual programmes to match students' requirements.

If a particular topic studied under a specific exam board is proving to be popular, we may rearrange a programme into small groups with a maximum class size of four students.

Lessons are offered in 5 x 1.5-hour blocks as follows:

9:00 - 10:30	Monday to Friday
11:00 - 12:30	Monday to Friday
1:30 - 3:00	Monday to Friday
3:30 - 5:00	Monday to Friday

We will need to know the student's examination board and details of the topics the student wishes to focus on. Providing the precise title of the topic is important as exam boards offer a lot of choice. For example, a student studying GCSE AQA History Conflict and Tension could be studying one of five eras with the phrase Conflict and Tension as part of the title.

To make the most of the 7.5 hours we recommend choosing between 1-2 topics. This will allow the tutor the time to deliver a meaningful and worthwhile revision programme.

Please contact a Course Director to discuss your precise requirements.

Please note:

Due to high demand, 1:1 History sessions at Easter are limited to 5 x 1.5-hour sessions per student. Further tuition can be arranged outside the Easter period, as part of our Support Tuition programme.

Mathematics GCSE Foundation Tier

Length of course: 5 half-day sessions

Boards: Suitable for all boards

The National Curriculum requires all exam boards to offer a similar specification GCSE. This course is appropriate for all GCSE Mathematics candidates at the Foundation tier. These are examinations that will be graded on the 9-1 scale. There are 3 exams in this specification.

The following content will be revised:

- **Number:** Types of Number and BODMAS; Word Problems; Multiplying and Dividing; Negative Numbers; Prime Numbers; Multiples, Factors and Prime Factors; LCM and HCF; Fractions, Decimals; Percentages; Rounding Numbers; Estimating; Powers and Roots; Standard Form; Measures.
- **Algebra:** Algebraic manipulation; Simplifying; Multiplying and Dividing; Multiplying Double Brackets; Factorising; Solving Equations; Expressions, Formulas and Functions; Rearranging Formulas; Sequences; Inequalities; Quadratic Equations; Simultaneous Equations; Proof.
- **Graphs:** Coordinates and Midpoints; Straight-Line Graphs; Quadratic Graphs; Harder Graphs; Solving Equations Using Graphs; Distance-Time Graphs; Real-Life Graphs.
- **Ratio, Proportion and Rates of Change:** Ratios; Direct Proportion Problems; Inverse Proportion Problems; Percentages; Compound Growth and Decay; Unit Conversions; Area and Volume Conversions; Time Intervals; Speed, Density and Pressure.
- **Shapes and Area:** Properties of 2D Shapes; Congruent Shapes; Similar Shapes; The Four Transformations; Perimeter and Area; 3D Shapes; Surface Area; Volume; Projections.
- **Angles and Geometry:** Angle Basics; Five Angle Rules; Parallel Lines; Geometry Problems; Angles in Polygons; Triangle Construction; Loci and Construction; Bearings; Maps and Scale Drawings; Pythagoras' Theorem; Trigonometry; Vectors.
- **Probability and Statistics:** Probability Basics; Probability Experiments; The AND/ OR Rules; Tree Diagrams; Sets and Venn Diagrams; Sampling and Bias; Collecting Data; Mean, Median, Mode and Range; Charts and Graphs; Frequency Tables; Grouped Frequency Tables; Interpreting Data; Comparing Data Sets.

Mathematics GCSE Higher Tier

Length of course: 5 half-day sessions

Boards: Suitable for all boards

The National Curriculum requires all exam boards to offer a similar specification at GCSE. This course is appropriate for all GCSE Mathematics candidates at the Higher tier. These are examinations that will be graded on the 9-1 scale. There are 3 exams for this specification.

The following content will be revised:

- **Number:** Types of Number and BODMAS; Multiples, Factors and Prime; LCM and HCF; Fractions, Decimals; Percentages; Fractions and Recurring Decimals; Rounding Numbers; Estimating; Bounds; Standard Form; Surds.
- **Algebra:** Algebra Basics; Powers and Roots; Multiplying Out Brackets; Factorising; Solving Equations; Rearranging Formulas; Factorising Quadratics; The Quadratic Formula; Completing the Square; Algebraic Fractions; Sequences; Inequalities; Graphical Inequalities, Iterative Methods; Simultaneous Equations; Proof; Functions.
- **Graphs:** Straight Lines; Straight Line Graphs; Gradients; Intercepts; Coordinates and Ratio; Parallel and Perpendicular Lines; Quadratic Graphs; Harder Graphs; Solving Equations Using Graphs; Graph Transformations; Real-Life Graphs.
- **Ratio, Proportion and Rates of Change:** Ratios; Direct and Inverse Proportion; Percentages; Compound Growth and Decay; Unit Conversions; Speed, Density and Pressure.
- **Geometry and Measures:** Geometry; Angles; Parallel Lines; Geometry Problems; Polygons; Triangles and Quadrilaterals; Circle Geometry; Congruent Shapes; Similar Shapes; The Four Transformations; Area and Perimeter; 3D Shapes; Enlargements and Projections; Loci and Construction; Bearings; Measures.
- **Pythagoras and Trigonometry:** Pythagoras' Theorem; Trigonometry; The Sine and Cosine Rules; 3D Pythagoras; 3D Trigonometry; Vectors.
- **Probability and Statistics:** Probability Basics; Counting Outcomes; Probability Experiments; The AND I OR Rules; Tree Diagrams; Conditional Probability; Sets and Venn Diagrams; Sampling and Bias; Collecting Data; Mean, Median, Mode and Range; Frequency Tables; Grouped Frequency Tables; Box Plots; Cumulative Frequency; Histograms and Frequency Density; Time Series; Scatter Graphs; Comparing Data Sets.

Mathematics IGCSE Foundation Tier Edexcel

Length of course: 5 half-day sessions

Boards: Edexcel 4MA1F

This course is designed for students whose schools have chosen to follow the Edexcel IGCSE Foundation Tier specification. There are 2 exams for this specification

The following content will be revised:

- **Numbers and the Number System:** Integers; Fractions; Decimals; Powers and roots; Set language and notation; Percentages; Ratio; Degree of accuracy; Standard form; Applying numbers; Electronic calculators.
- **Equations, Formulae and Identities:** Use of symbols; Algebraic manipulation; Expressions and formulae; Linear equations; Proportion; Simultaneous linear equations; Quadratic equations; Inequalities.
- **Sequences, Functions and Graphs:** Sequences; Functions; Graphs.
- **Geometry and Trigonometry:** Lines and triangles; Polygons; Symmetry; Measures; Construction; Circle properties; Geometrical reasoning; Trigonometry and Pythagoras; Mensuration of 2D and 3D shapes; Similarity.
- **Vectors and Transformation Geometry:** Vectors; Transformation geometry.
- **Statistics and probability:** Graphical representation and interpretation of data; Statistical measures; Probability.

Mathematics IGCSE Higher Tier

Length of course: 5 half-day sessions

Boards: Edexcel 4MA1/H

This course is designed for students whose schools have chosen to follow the Edexcel IGCSE Higher Tier specification (4MA1 - Specification A). Where the student is taking both Core and Extended papers. There are 2 exams for this specification.

The following content will be revised:

- **Numbers and the Number System:** Integers; Fractions; Decimals; Powers and roots; Set language and notation; Percentages; Ratio and proportion; Degree of accuracy; Standard form; Applying numbers; Electronic calculators.
- **Equations, Formulae and Identities:** Use of symbols; Algebraic manipulation; Expressions and formulae; Linear equations; Proportion; Simultaneous linear equations; Quadratic equations; Inequalities.
- **Sequences and Graphs, Calculus:** Sequences; Function notation; Graphs; Calculus.
- **Geometry:** Lines and triangles; Polygons; Symmetry; Measures; Construction; Circle properties; Geometrical reasoning; Trigonometry; Mensuration; Similarity; Use of ruler, Protractor and compass.
- **Vectors and Transformation Geometry:** Vectors; Transformation geometry.
- **Statistics:** Graphical representation and interpretation of data; Statistical measures; Probability.

Physics GCSE AQA

Length of course: 5 half-day sessions

Boards: AQA 8463

This course is suitable only for students studying single GCSE Physics with AQA (8463). It is **not suitable** for those students studying AQA Science or Additional Science or Physics specifications with other exam boards. This award for this specification is graded on the 9-1 scale.

Please note that students can be entered for either higher tier or foundation tier exams for this specification. This course will be delivered to higher tier standard.

- Energy
- Electricity
- Particle model of matter
- Atomic structure
- Forces
- Waves
- Magnetism and electromagnetism
- Space physics
- Key ideas

Physics GCSE Edexcel

Length of course: 5 half day sessions

Boards: Edexcel 1PHO

This course is Suitable only for students studying single GCSE Physics with Edexcel (1PHO). It is **not suitable** for those students studying AQA Science or additional science or Physics specifications with other exam boards.

This specification is graded on the 1-9 scale.

Please note that students can be entered for either higher or foundation tier exams for this specification. The course will be delivered to the higher tier standard.

- Key concepts of physics
- Motion and forces
- Conservation of energy
- Waves
- Light and the electromagnetic spectrum
- Radioactivity
- Astronomy
- Energy - Forces doing work
- Forces and their effects
- Electricity and circuits
- Static electricity
- Magnetism and the motor effect
- Electromagnetic induction
- Particle model
- Forces and matter

Physics IGCSE Edexcel

Length of course: 5 half-day sessions

Boards: Edexcel 4PH1

This course is designed for students studying IGCSE Physics with Edexcel.

This course is **not suitable** for those students studying IGCSE Double/Dual Award Science or for those students studying any science courses which are not International.

The following topics will be covered:

- Forces & motion
- Electricity & electromagnetism
- Waves
- Energy resources & energy transfer
- Kinetic theory
- Radioactivity
- Astrophysics
- Forces and motion
- Electricity
- Waves
- Energy resources and energy transfers
- Solids, liquids and gases
- Magnetism and electromagnetism
- Radioactivity and particles
- Astrophysics

Psychology GCSE AQA

Length of course: 5 half-day sessions

Boards: AQA 8182

This course in board specific for the AQA specification (8182) Paper 1 and Paper 2

This course is for anyone sitting AQA GCSE only.

Please note that the specification requires students to study eight topics, all of which are compulsory and examined within the Paper 1 and Paper 2. This includes Research Methods.

Due to the volume of the material students must cover for this course. The revision course with focus solely on exam technique and improving responses to achieve maximum marks.

Topics to be covered are:

1. Research Methods
2. Memory
3. Perception
4. Development
5. Social influence
6. Language, thought and communication
7. Brain and neuropsychology
8. Psychological problems

Religious Studies GCSE AQA

Length of course: 5 half-day sessions

Boards: AQA A/8062

This course is designed for students studying GCSE Religious Studies with AQA

This course is not suitable for those students studying any other board or AQA Religious Studies B

The following topics will be covered:

- Christian Beliefs
- Christian Teachings
- Buddhist Beliefs
- Buddhist Teachings
- Thematic Studies including four of the following:
  - Relationships and Families
  - Religion and Life
  - The existence of God and revelation
  - Religion, peace, and conflict
  - Religion, crime, and punishment
  - Religion, human rights, and social justice

Science (Combined: Trilogy) GCSE AQA

Length of course: 5 x full-day sessions

Boards: AQA 8464

This course is suitable **only** for students studying the AQA Combined Science Trilogy specification (8464). It is **not suitable** for those students studying AQA Combined Science Synergy, Science, Additional Science or separate Biology, Chemistry and Physics. It is also not suitable for students studying with other exam boards.

Please note that students can be entered for either foundation tier or higher tier exams. This course will be delivered to higher tier standard.

The following topics will be covered:

Biology (half-day)

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology

Chemistry (quarter-day)

- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes
- The rate and extent of chemical change
- Organic chemistry
- Chemical analysis
- Chemistry of the atmosphere

Physics (quarter-day)

- Using resources
- Energy
- Electricity
- Particle model of matter
- Atomic structure
- Forces
- Waves
- Magnetism and electromagnetism

Science (Double Award) IGCSE Edexcel

Length of course: 5 x full-day sessions

Boards: Edexcel 4SD0

This course is suitable for students studying IGCSE Double Award Science with Edexcel (4SD0). It is **not suitable** for those students studying GCSE Science, Additional Science or separate Biology, Chemistry and Physics. It is also not suitable for students studying with other exam boards. There is a separate course for students studying CIE IGCSE Co-ordinated Science Double Award (0654).

Please note that the Edexcel specification is un-tiered.

During the week, the following topics will be revised. This will provide appropriate revision of the key topic areas.

Biology (half-day)

- The nature and variety of living organisms
- Structures and functions in living organisms (selected topics covered)
- Reproduction and inheritance
- Ecology and the environment
- Use of biological resources

Chemistry (quarter-day)

- Principles of chemistry
- Chemistry of the elements
- Organic chemistry
- Physical chemistry

Physics (quarter-day)

- Forces and motion
- Electricity
- Waves
- Energy resources and energy transfers
- Solids, liquids and gases
- Magnetism and electromagnetism
- Radioactivity and particles
- Astrophysics

Spanish GCSE/IGCSE

Length of course: 5 half-day or quarter-day sessions

Boards: Suitable for all boards

The course aims to provide a structured and systematic revision of the essential GCSE/IGCSE topic areas, vocabulary and grammar.

The aim of the course is to give plenty of exam practice in the above skills while consolidating vocabulary and grammatical knowledge. The areas and topics will be selected from the following and adapted to the group's needs.

Grammar

- Articles
- Present tense
- Adjectives and their agreements
- Possessives
- Negatives
- Questions
- Commands
- Past tenses
- Future tense/near future tense
- Infinitive
- Pronouns
- Conditional tense

Topics

- Identity and culture: Who am I? Daily life; Cultural life
- Local area, holiday and travel: Holidays; Travel and tourist transactions; Town, region and country
- School: What school is like; School activities
- Future aspirations, study and work: Using languages beyond the classroom; Ambitions; Work
- International and global dimension: Bringing the world together; Environmental issues

Biology A level AQA for Year 12

Length of course: 5 half-day sessions

Boards: AQA 7402

This course is board-specific for the AQA specification (7402).

This course is for Year 12 students only.

There will be exam practice throughout the course and suggestions for effective ways to tackle examination questions.

- Biological Molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms

Biology A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7402

This course is board-specific for the AQA specification (7402).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

There will be exam practice throughout the course and suggestions for effective ways to tackle examination questions.

- Biological Molecules
- Cells
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms
- Energy transfers in and between organisms
- Organisms respond to changes in their internal and external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

Biology OCR/A for Year 12

Length of course: 5 half-day sessions

Boards: OCR/A H020

This course is board-specific for the OCR/A specification (H020).

This course is for Year 12 students only.

There will be exam practice throughout the course and suggestions for effective ways to tackle examination questions.

- Cell structure
- Biological molecules
- Nucleotides and nucleic acids
- Enzymes
- Biological molecules
- Cell division, cell diversity & cellular organisation
- Exchange surfaces
- Transport in animals
- Transport in plants
- Communicable diseases and disease prevention
- The immune system
- Biodiversity
- Classification
- Evolution

Biology A level OCR/A for Year 13

Length of course: 5 full-day sessions

Boards: OCR/A H420

This course is board-specific for the OCR/A specification (H420).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

There will be exam practice throughout the course and suggestions for effective ways to tackle examination questions.

- Cell structure
- Biological molecules
- Nucleotides and nucleic acids
- Enzymes
- Biological membranes
- Cell division, cell diversity and cellular organisation
- Exchange surfaces
- Transport in animals
- Transport in plants
- Communicable diseases, disease prevention and the immune system
- Biodiversity
- Classification and evolution
- Communication and homeostasis
- Excretion as an example of homeostatic control
- Neuronal communication
- Hormonal communication
- Plant and animal responses
- Photosynthesis
- Respiration
- Cellular control
- Patterns of inheritance
- Manipulating genomes
- Cloning and biotechnology
- Ecosystems
- Populations and sustainability

Business A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7132

This course is board-specific for the AQA specification (7132).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

There will be exam practice throughout the course and suggestions for effective ways to tackle examination questions.

- What is business?
- Managers, leadership, and decision making
- Marketing management
- Operational management
- Financial management
- Human resource management
- Analysing the strategic position of a business
- Choosing strategic direction
- Strategic methods: how to pursue strategies
- Managing strategic change

Business A level Edexcel for Year 13

Length of course: 5 full-day sessions

Boards: Edexcel 9BS0

This course is board-specific for the Edexcel specification (9BS0).

This course is for A level year 13 students only.

This course is not suitable for Year 12 students.

There will be exam practice throughout the course and suggestions for effective ways to tackle examination questions.

Theme 1: Marketing and people

- Meeting customer needs
- The market
- Marketing mix and strategy
- Managing people
- Entrepreneurs and leaders

Theme 2: Managing business activities

- Raising finance
- Financial planning
- Managing finance
- Resource management
- External influences

Theme 3: Business decisions and strategy

- Business objectives and strategy
- Business growth
- Decision-making techniques
- Influences on business decisions
- Assessing competitiveness
- Managing change

Theme 4: Global business

- Globalisation
- Global markets and business expansion
- Global marketing
- Global industries and companies (multinational corporations)

Chemistry A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7405

This course is board-specific for the AQA specification (7405).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Links between topics will be stressed throughout and exam techniques will include how best to approach key mathematical skills questions.

Physical chemistry

- Atomic structure
- Amount of substance
- Bonding
- Energetics
- Kinetics
- Chemical equilibria, Le Chatelier's principle and K_c
- Oxidation, reduction and redox equations
- Thermodynamics
- Rate equations
- Equilibrium constant K_p for homogeneous systems
- Electrode potentials and electrochemical cells
- Acids and bases

Inorganic chemistry

- Periodicity
- Group 2, the alkaline earth metals
- Group 7(17), the halogens
- Properties of Period 3 elements and their oxides
- Transition metals
- Reactions of ions in aqueous solution

Organic chemistry

- Introduction to organic chemistry
- Alkanes, Halogenoalkanes
- Alkenes, Alcohols
- Organic analysis
- Optical isomerism
- Aldehydes and ketones
- Carboxylic acids and derivatives
- Aromatic chemistry
- Amines
- Polymers
- Amino acids, proteins and DNA
- Organic synthesis
- Nuclear magnetic resonance spectroscopy
- Chromatography

Chemistry A level Edexcel for Year 12

Length of course: 5 half-day sessions

Boards: Edexcel 9CH0

This course is board-specific for the Edexcel specification (9CH0).

This course is for Year 12 students only.

The following topics will be covered:

- Atomic structure and the Periodic Table
- Bonding and structure
- Redox I
- Inorganic chemistry and the Periodic Table
- Formulae, equations and amounts of substance
- Organic Chemistry I
- Modern Analytical Techniques I
- Energetics I
- Kinetics I
- Equilibrium I

Chemistry A level Edexcel for Year 13

Length of course: 5 full-day sessions

Boards: Edexcel 9CH0

This course is board-specific for the Edexcel specification (9CH0).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Links between topics will be stressed throughout and exam techniques will include how best to approach key mathematical skills questions.

- Atomic Structure and the Periodic Table
- Bonding and Structure
- Redox I
- Inorganic Chemistry and the Periodic Table
- Formulae, Equations and Amounts of Substance
- Organic Chemistry I
- Modern Analytical Techniques I
- Energetics I
- Kinetics I
- Equilibrium I
- Equilibrium II
- Acid-base Equilibria
- Energetics II
- Redox II
- Transition Metals
- Kinetics II
- Organic Chemistry II
- Organic Chemistry III
- Modern Analytical Techniques II

Chemistry A level OCR/A for Year 12

Length of course: 5 half-day sessions

Boards: OCR/A H032

This course is board-specific for the OCR/A specification (H032).

This course is for Year 12 students only.

Links between topics will be stressed throughout and exam techniques will include how best to approach key mathematical skills questions.

- Atoms and reactions
- Compounds, formulae and equations
- Amount of substance
- Acids
- Redox
- Electrons, bonding and structure
- Periodicity
- Group 2
- The halogens
- Reaction rates
- Chemical equilibria
- Basic concepts and hydrocarbons
- Functional groups
- Alkanes
- Alkenes
- Alcohols
- Haloalkanes
- Organic synthesis
- Analytical techniques

Chemistry A level OCR/A for Year 13

Length of course: 5 full-day sessions

Boards: OCR/A H432

This course is board-specific for the OCR/A specification (H432).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Links between topics will be stressed throughout and exam techniques will include how best to approach key mathematical skills questions.

- Atoms, compounds, molecules and equations
- Amount of substance
- Acid–base and redox reactions
- Electrons, bonding and structure
- The periodic table and periodicity
- Group 2 and the halogens
- Qualitative analysis
- Enthalpy changes
- Reaction rates and equilibrium (qualitative)
- Basic concepts
- Hydrocarbons
- Alcohols and haloalkanes
- Organic synthesis
- Analytical techniques (IR and MS)
- Reaction rates and equilibrium (quantitative)
- pH and buffers
- Enthalpy, entropy and free energy
- Redox and electrode potentials
- Transition elements
- Aromatic compounds
- Carbonyl compounds
- Carboxylic acids and esters
- Nitrogen compounds
- Polymers
- Organic synthesis
- Chromatography and spectroscopy (NMR)

Classical Civilisation OCR For Year 13

Length of course: 5 quarter-day sessions

Boards: OCR H408

This course is board-specific for the OCR specification H408.

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students

Component 1 – This component is solely focused on the study of literature in translation

The World of Hero

- Homer's Odyssey
- Virgil's Aeneid

Component 2 - Components in this group involve the study of visual and material culture.

Greek Theatre (H408/21)

Component 3 – components in his group involve an area of classical thought, in combination with either the study of literature in translation or visual/material culture.

Love and Relationships (H408/32)

Lessons are offered in 5 x 1.5-hour blocks as follows:

9:00 - 10:30	Monday to Friday
11:00 - 12:30	Monday to Friday
1:30 - 3:00	Monday to Friday
3:30 - 5:00	Monday to Friday

Please discuss with the Easter revision course directors your precise requirements if you study alternative topics.

Computer Science A level AQA For Year 13

Length of course: 5 full-day sessions

Boards: AQA 7517

The purpose of the course is to provide students with a concise revision of the exam theory required to meet the demands of the A level qualification, together with advice on examination technique specific to the AQA A level examinations.

The time allocated to a unit for the content will involve revision of key points of each topic within that unit, with illustrations of how that subject matter may be examined in the unit examination.

The half day allocated for examination technique and practice will be used to look at identifying the requirements of questions and applying the theory learned too the questions, to maximise marks.

Topic 1 (AS) – Fundamentals of Programming: Data types; Programming structures; Arithmetic; Relational & Boolean operations; Constants and variables; String handling; Random numbers; Exception handling and Subroutines. Fundamentals of Data Structures: Data structures; Arrays; Fields, records, and files.

Topic 2 (AS) – Theory of computation: Problem- Solving; Following and writing algorithms; Abstraction & Decomposition; Composition; Automation and Finite State Machines.

Topic 3 (AS) – Fundamentals of Data Representation: Numbers – natural, integer, rational, irrational, real, ordinal, counting and measuring; Number Bases; Units of information – bits, bytes & units; Binary Number System – unsigned, unsigned arithmetic, two's complement, fractions; Information coding systems – character forms, ASCII, Unicode, Error checking; Representing images, sound and other data. Fundamentals of Communication and Networking: Communication methods and basics; Networking topologies and Wireless networking.

Topic 4 (AS) – Fundamentals of Computer Systems: Hardware and software; Classification of software; System software; Role of an operating system; Classification of programming languages; Types of program translator; Logic Gates and Boolean Algebra.

Topic 5 (AS) – Fundamentals of Computer Organisation and Architecture: Internal hardware components; Stored program concept; Structure and role of processor and its components; Fetch-Execute cycle and the role of registers; Processor instruction set and addressing modes; Machine code / Assembly language and External hardware devices.

Topic 6 (2nd Year) – Fundamentals of Computer Organisation and Architecture: Internal hardware components; Stored program concept; Structure and role of processor and its components; Fetch-Execute cycle and the role of registers; Processor instruction set and addressing modes; Machine code / Assembly language and External hardware devices.

Topic 7 (2nd Year) – Fundamentals of Communication and Networking: Communication methods and basics; Networking topologies & Wireless networking and The Internet and TCP/IP.

Topic 8 (2nd Year) – Fundamentals of Databases: Conceptual data models and entity relationship modelling; Relational databases and Structured Query Language (SQL).

Topic 9 (2nd Year) – Big Data: Big Data. Fundamentals of Data Structures: Data structures; Arrays; Fields, records and files; Abstract data types/structures; Queues, Stacks, Graphs, Trees, Hash tables, Dictionaries and Vectors. Fundamentals of Algorithms: Graph-traversal; Tree- traversal; Reverse polish and searching, sorting & optimisation algorithms.

Topic 10 (2nd Year) – Fundamentals of Functional Programming: Functional programming paradigm; Writing functional programs and Lists in functional programming.

Computer Science A level OCR for Year 13

Length of course: 5 full-day sessions

Boards: OCR H446

The purpose of this course is to provide students with a concise revision of the exam theory required to meet the demands of the A level qualification, together with advice on examination technique specific to the OCR A level examinations.

The time allocated to a unit for the content will involve revision of key points of each point within that unit, with illustrations of how that subject matter may be examined in the unit examination.

The half day allocated for examination technique and practice will be used to look at identifying the requirements of questions and applying the theory learned to the questions to maximise marks.

1.1 The characteristics of contemporary processors, input, output and storage devices.

Components of a computer and their uses

- Structure and function of the processor
- Types of processor
- Input, output and storage

1.2 Software and software development

Types of software and the different methodologies used to develop software

- Systems Software
- Software Development
- Applications Generation
- Types of Programming Language

1.3 Exchanging data

How data is exchanged between different systems

- Compression, Encryption and Hashing
- Networks
- Web Technologies
- Databases

1.4 Data types, data structures and algorithms

How data is represented and stored within different structures. Different algorithms that can be applied to these structures

- Data Types
- Boolean Algebra
- Data Structures

1.5 Legal, moral, cultural and ethical issues

The individual moral, social, ethical and cultural opportunities and risks of digital technology. Legislation surrounding the use od computers and ethical issues that can or may in the future arise from the use of computers

- Computing related legislation
- Moral and ethical issues

2.1 Elements of computational thinking

Understand what is meant by computational thinking

- Thinking abstractly
- Thinking logically
- Thinking ahead
- Thinking concurrently
- Thinking procedurally

2.2 Problem solving and programming

How computers can be used to solve problems and programs can be written to solve them.

- Programming techniques
- Computational methods

2.3 Algorithms

The use of algorithms to describe problems and standard algorithms

- Algorithms

Economics A level AQA for Year 12

Length of course: 5 half-day sessions

Boards: AQA 7135

This course is board-specific for the AQA specification (7135).

This course is for A level Year 12 students only. This course is not suitable for Year 13 students.

There will be exam practice throughout the course and suggestions for effective ways to tackle examination questions.

Subject Content

The Operation of Markets and Market Failure

Economic methodology and the economic problem

Price determination in a competitive market

Production, costs, and revenue

Competitive and concentrated markets

The market mechanism, market failure and government intervention in markets

The National Economy in a Global Context

The measurement of macroeconomic performance

How the macroeconomy works: the circular flow of income, AD/AS analysis, and related concepts

Economic performance

Macroeconomic policy

Economics A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7136

This course is board-specific for the AQA specification (7136).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Exam technique practice will focus on both qualitative and quantitative evaluation of evidence.

Correct application of the economics toolkit will be emphasised throughout. This process involves identifying issues, defining key economic terms, developing application of a theoretical framework and effectively evaluating the overall argument.

- Economic methodology and the economic problem
- Price determination in a competitive market
- Production, costs and revenue
- Competitive and concentrated markets
- The market mechanism, market failure and government intervention in markets
- The measurement of macroeconomic performance
- How the macroeconomy works: the circular flow of income, AD/AS analysis, and related concepts
- Economic performance: unemployment, inflation, economic growth
- Macroeconomic policies and conflicts
- Individual economic decision making
- Perfect competition, imperfectly competitive markets and monopoly
- The labour market
- The distribution of income and wealth: poverty and inequality
- Financial markets and monetary policy
- Fiscal policy and supply-side policies
- The international economy

Economics A level Edexcel/A for Year 13

Length of course: 5 full-day sessions

Boards: Edexcel/A 9EC0

This course is board-specific for the Edexcel specification (9EC0).

This course is for A level Year 13 students only. This course is not suitable for Year 12 students.

This course is **not** suitable for students studying the Edexcel/B specification.

Exam technique practice will focus on both qualitative and quantitative evaluation of evidence.

Correct application of the economics toolkit will be emphasised throughout. This process involves identifying issues, defining key economic terms, developing application of a theoretical framework, and effectively evaluating the overall argument.

- The nature of economics
- How markets work
- Elasticities
- Market failure and externalities
- Government intervention
- Measures of economic performance
- Aggregate demand and aggregate supply
- Macroeconomic objectives and policy
- National income
- Economic growth
- Business growth
- Business objectives
- Revenues, costs, and profits
- Market structures
- Labour market
- Government intervention
- International economics
- Poverty and inequality
- Emerging and developing economies
- The financial sector
- Role of the state in the macroeconomy

Economics A level OCR for Year 13

Length of course: 5 full-day sessions

Boards: OCR H460 only

This course is board-specific for the OCR specification (H460).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Correct application of the economics toolkit will be emphasised throughout. This process involves identifying issues, defining key economic terms, developing application of a theoretical framework, and effectively evaluating the overall argument.

- Introduction to microeconomics
- The role of markets
- Business objectives
- Market structures
- The labour market
- Aggregate demand and aggregate supply
- Economic policy objectives
- Implementing policy
- The global context
- The financial sector

English Language A level Year 13

Length of course: 5 quarter-day sessions

Boards: All boards offered

Due to the variety of texts and topics available in English Language specifications, we typically offer 1:1 tuition in this subject. This gives us the flexibility to arrange individual programmes to match students' requirements.

Lessons are offered in 5 x 1.5-hour blocks as follows:

9:00 - 10:30	Monday to Friday
11:00 - 12:30	Monday to Friday
1:30 - 3:00	Monday to Friday
3:30 - 5:00	Monday to Friday

Please contact a Course Director to discuss your precise requirements. We will need to know your examination board and details of the material chosen by your school on which you will sit written exams in the summer.

Please note:
Due to high demand, 1:1 English sessions at Easter are limited to 5 x 1.5-hour sessions per student. Further tuition can be arranged outside the Easter period, as part of our Support Tuition programme.

English Literature A level Year 13

Length of course: 5 quarter-day sessions

Boards: All boards offered

Due to the variety of texts available in English Literature specifications, for most texts we offer 1:1 tuition in this subject. This gives us the flexibility to arrange individual programmes to match students' requirements.

Lessons are offered in 5 x 1.5-hour blocks as follows:

9:00 - 10:30	Monday to Friday
11:00 - 12:30	Monday to Friday
1:30 - 3:00	Monday to Friday
3:30 - 5:00	Monday to Friday

Please contact a Course Director to discuss your precise requirements. We will need to know your examination board and details of the material chosen by your school on which you will sit written exams in the summer.

Please note:
Due to high demand, 1:1 English sessions at Easter are limited to 5 x 1.5-hour sessions per student. Further tuition can be arranged outside the Easter period, as part of our Support Tuition programme.

French A level Skills Year 13

Length of course: 5 half-day sessions

Boards: Suitable for all boards

Our skills-specific course incorporates practice of the following examination skills, with 5 x half-day sessions. The Year 12 and the Year 13 courses run separately, but both focus on the following areas:

- Oral work
- Listening comprehension
- Reading comprehension
- Writing

In each session, emphasis is placed on areas of grammar and vocabulary that commonly cause problems for students. Students are set writing and translating exercises and are encouraged to memorise key vocabulary and use idiomatic structures in French.

Please note that the course only addresses the language component (75-80%) of the exam, it does not give specific coverage to set texts or topics. Where students specifically want help on French texts or topics, this can usually be accommodated by means of individual tuition. Please contact the Easter Revision team to discuss your precise requirements.

Geography A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7037

This course is suitable only for students following the AQA (7037) specification.

This course is for A level Year 13 students only.

This course is not suitable for Year 12 students.

Geography fieldwork investigation will not be covered.

Within each topic, knowledge of specific case studies is a requirement. Case studies will vary from school to school; therefore, it will be beneficial for both student and tutor if the student brings their case studies to the course.

This course will cover the following components within the specification:

- Component 1 – Physical: Water and carbon cycles
- Component 1 – Physical: Hazards
- Component 1 – Physical: Coastal systems and landscapes
- Component 2 – Human: Global systems and global governance
- Component 2 – Human: Changing places
- Component 2 – Human: Contemporary urban environments
- Geographical skills and techniques for exams

This course will not cover the following optional components:

- Component 1 – Physical: Glacial systems and landscapes
- Component 1 – Physical: Hot desert systems and landscapes
- Component 1 – Physical: Ecosystems and Landscapes
- Component 2 – Human: Population and environment
- Component 2 – Human: Resource security

Geography A level Edexcel for Year 13

Length of course: 5 full-day sessions

Boards: Edexcel 9GE0

This course is suitable only for students following the Edexcel (9GE0) specification.

This course is for A level Year 13 students only.

This course is not suitable for Year 12 students.

Geography fieldwork investigation will not be covered.

Within each topic, knowledge of specific case studies is a requirement. Case studies will vary from school to school; therefore it will be beneficial for both student and tutor if the student brings their case studies to the course.

This course will cover the following components within the specification:

- Tectonic Processes and Hazards (Paper 1)
- The Water Cycle and Water Insecurity (Paper 1)
- The Carbon Cycle and Energy Security (Paper 1)
- Coastal Landscapes and Change (Paper 1)
- Globalisation (Paper 2)
- Superpowers (Paper 2)
- Health, Human Rights and Intervention (Paper 2)
  Week 2 - 6th – 10th April
- Migration, Identity and Sovereignty (Paper 2)
  Week 1 - 30th March – 3rd April and
  Week 3 - 13th April – 17th April
- Regenerating Places (Paper 2)
- Synoptic assessment using resource booklet (Paper 3)
- Geographical skills and techniques for exams

The course will not cover the following optional components:

- Glaciated Landscapes and Change (Paper 1)
- Diverse Places (Paper 2)

Geography A level OCR for Year 13

Length of course: 5 full-day sessions

Boards: OCR H481

This course is suitable only for students following the OCR H481 specification.

This course is for A level Year 13 students only.

This course is not suitable for Year 12 students.

Geography fieldwork investigation will not be covered.

Within each topic, knowledge of specific case studies is a requirement. Case studies will vary from school to school; therefore it will be beneficial for both student and tutor if the student brings their case studies to the course.

The course will cover the following components within the specification:

- Component 1 – Physical Systems: Earth's Life Support Systems including coasts
- Component 2 – Human interactions: Changing Spaces; Making Places including Power and Boarders, Trade & Immigration
- Component 3 – Physical: Hazardous Earth
- Component 3 – Exploring Oceans
- Geographical skills and techniques for exams

This course does not cover the following optional components

- Component 1 – Physical: Landscapes systems: Drylands or Glaciated
- Component 2: Human Interactions: Global Connections
- Component 3: Geographical debates: Climate change
- Component 3: Geographical debates: Future of Food
- Component 3 – Physical: Disease Dilemmas

History A level for Year 13

Length of course: 5 quarter-day sessions

Boards: All boards offered

Due to the variety of topics available in History specifications, we typically offer 1:1 tuition in this subject. This gives us the flexibility to arrange individual programmes to match students' requirements.

If a particular topic studied under a specific exam board is proving to be popular, we may rearrange a programme into small groups with a maximum class size of four students.

Lessons are offered in 5 x 1.5-hour blocks as follows:

9:00 - 10:30	Monday to Friday
11:00 - 12:30	Monday to Friday
1:30 - 3:00	Monday to Friday
3:30 - 5:00	Monday to Friday

We will need to know the student's examination board and details of the topics the student wishes to focus on. Providing the precise title of the topic is important as exam boards offer a lot of choice. For example, a student studying A level OCR History 'Cold War' could be studying 'The Cold War in Asia 1945–1993' or 'The Cold War in Europe 1941–1995'.

To make the most of the 7.5 hours we recommend choosing 1-2 topics. This will allow the tutor the time to deliver a meaningful and worthwhile revision programme.

Please note: Due to high demand, 1:1 History sessions are limited to 5 x 1.5-hour sessions per student. Further tuition can be arranged outside the Easter period, as part of our Support Tuition programme.

Please contact the Easter Revision team to discuss your precise requirements.

Mathematics A level for Year 12 and Year 13

Length of course: Year 12 sessions 5 half-days; Year 13 5 x full-days

Boards: All boards

AQA 7357

The following course is board-specific for the AQA A level specification (7357). Year 12 courses consist of 5 x half-day sessions. Year 13 courses consist of 5 x full-day courses.

The following content is covered:

- Mathematical argument, language and proof; Mathematical problem solving; Mathematical modelling; Proof; Algebra and functions; Coordinate geometry in the (x,y) plane; Sequences and series; Trigonometry; Exponentials and logarithms; Differentiation; Integration; Numerical Methods; Vectors; statistical sampling; Data presentation and interpretation; Probability; Statistical distributions; Statistical hypothesis testing; Quantities and units in mechanics; Kinematics; Forces and Newton's laws; moments.

Edexcel 9MA0

This course is board-specific for the Edexcel A level specification (9MA0). Year 12 courses consist of 5 x half-day sessions. Year 13 courses consist of 5 x full-day courses.

The following content is covered:

- Proof; Algebra and functions; Coordinate geometry in the (x,y) plane; Sequences and Series; Trigonometry; Exponentials and logarithms; Differentiation; Integration; Numerical Methods; Vectors; statistical sampling; Data presentation and interpretation; Probability; Statistical Distributions; Statistical hypothesis testing; Quantities and units in mechanics; Kinematics; Forces and Newton's laws; moments.

OCR H240

This course is board-specific for the OCR A level specification (H240). Year 12 courses consist of 5 x half-day sessions. Year 13 courses consist of 5 x full-day courses.

The following content is covered:

- Proof; Algebra and functions; Coordinate geometry in the (x,y) plane; Sequences and Series; Trigonometry; Exponentials and logarithms; Differentiation; Integration; Numerical Methods; Vectors; statistical sampling; Data presentation and interpretation; Probability; Statistical Distributions; Statistical hypothesis testing; Quantities and units in mechanics; Kinematics; Forces and Newton's laws; moments.

Further Maths A level for Year 13

This course Further Maths A level is not board specific.

Monday, Tuesday & Wednesday - Pure Core mathematics a range of the following topics will be covered;

Proof, Complex numbers, Matrices, Further Algebra and functions, Further Calculus Further Vectors, Polar coordinates, Hyperbolic functions Differential equations, Trigonometry and Numerical Methods.

Thursday:

Statics a range of the following topics will be covered;

Discreet random Variables (DRVs) and Expectations, Type I and Type II errors, continuous random variables (CRVs) Chi squared tests for association,Exponential distribution,Inference one sample t - distribution, confidence Intervals,

Friday:

Mechanics a range of the following topics will be covered;

Dimensional analysis, Momentum and Collisions, Work, Energy and power, Circular motion, Centre of mass and moments.

Please discuss your requirements with the Easter Revision team on registration.

Philosophy A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7172

This course is board-specific for the AQA A level Philosophy specification (7172).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Epistemology

- **What is knowledge?** The distinction between acquaintance knowledge, ability knowledge and propositional knowledge; the nature of definition (including Linda Zagzebski) and how propositional knowledge may be analysed/defined; the tripartite view, issues and responses.
- **Perception as a source of knowledge:** Direct realism, indirect realism and Berkeley's idealism.
- **Reason as a source of knowledge:** Innatism; The intuition and deduction thesis. Empiricist responses to these theories.
- **The limits of knowledge:** Particular nature of philosophical scepticism; the role/function of philosophical scepticism within epistemology; the distinction between local and global skepticism; Descartes' sceptical arguments and issues/responses; reliabilism.

Moral philosophy

- **Normative ethical theories:** The meaning of good, bad, right, wrong within each of the three approaches: Utilitarianism, Kantian deontological ethics, Aristotelian virtue ethics.
- **Meta-ethics:** The origins of moral principles: reason, emotion/attitudes, or society; the distinction between cognitivism and non-cognitivism about ethical language; moral realism, including naturalism and non-naturalism; moral anti-realism, including error theory, emotivism and prescriptivism.
- **Applied ethics:** Applying the content of normative ethical theories and metaethics to the following issues: stealing; simulated killing (within computer games, plays, films etc); eating animals, telling lies.

Metaphysics of God

- **The concept and nature of 'God' God's attributes:** God as omniscient, omnipotent, supremely good (omnibenevolent), and the meaning(s) of these divine attributes. Competing views on such a being's relationship to time, arguments for the incoherence of the concept of God.
- **Arguments relating to the existence of God:** Ontological arguments, teleological/design arguments, cosmological arguments and the Problem of Evil.
- **Religious language:** The distinction between cognitivism and non-cognitivism about religious language, verification/falsification (Ayer) and responses including eschatological verification and the 'University Debate'.

Metaphysics of mind

- **What do we mean by 'mind'?** Features of mental states: All or at least some mental states have phenomenal properties. | Some, but not all, philosophers use the term 'qualia' to refer to these properties, where 'qualia' are defined as 'intrinsic and non-intentional phenomenal properties that are introspectively accessible'. | All or at least some mental states have intentional properties (ie intentionality).
- **Dualist theories:** Substance dualism (Descartes). The 'philosophical zombies' argument for property dualism (David Chalmers). The 'knowledge/Mary' argument for property dualism (Frank Jackson).
- **Physicalist theories:** Behaviourism, Mind-brain type identity theory, Eliminative materialism and Functionalism. Issues and responses to these theories.

Physical Education A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7582

This course is suitable only for students following the AQA (7582) specification.

This course is for A level Year 13 students only.

This course is not suitable for Year 12 students.

The following topics will be covered

- Applied anatomy and physiology
- Skill acquisition
- Sport and society
- Exercise physiology
- Biomechanical movement
- Sport psychology
- Sport and society and the role of technology in physical activity and sport

Physics A level AQA for Year 12

Length of course: 5 half-day sessions

Boards: AQA 7408

This course is board-specific for the AQA A level specification (7408).

This course is for Year 12 students only.

The following topics will be covered:

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity

Physics A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7408

This course is board-specific for the AQA specification (7408).

This course is for A level Year 13 students only.

This course is not suitable for Year 12 students.

The following topics will be covered:

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity
- Further mechanics and thermal physics
- Fields and their consequences
- Nuclear physics

If you are studying: Astrophysics, Medical physics, Engineering physics, Turning points in physics or Electronics, we may be able to offer a bespoke programme outside of the Easter Revision period. Please discuss your requirements with one of our Easter Revision team.

Physics A level OCR/A for Year 12

Length of course: 5 half-day sessions

Boards: OCR/A H156

This course is suitable for students following the OCR/A (H156) specification.

This course is for Year 12 students only.

- **Mechanics (1):** Resolving and adding vectors, velocity and acceleration, projectile motion, F = ma, terminal velocity, moments, Archimedes' principle.
- **Mechanics (2):** Work, energy, power, efficiency, Newton's laws, momentum, collisions, deformation of solids.
- **Electric circuits:** Kirchhoff's laws, EMF, mean drift velocity, potential dividers, LDR, thermistors.
- **Waves and quantum physics:** Refraction, polarisation, diffraction, interference, standing waves, Young double-slit experiment, diffraction grating, EM waves, photoelectric effect, de Broglie wavelength.

Physics A level OCR/A for Year 13

Length of course: 5 full-day sessions

Boards: OCR/A H556

This course is suitable for students following the OCR/A (H556) specification.

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

- **Mechanics (1):** Resolving and adding vectors, velocity and acceleration, projectile motion, F = ma, terminal velocity, moments, Archimedes' principle.
- **Mechanics (2):** Work, energy, power, efficiency, Newton's laws, momentum, collisions, deformation of solids.
- **Electric circuits:** Kirchhoff's laws, EMF, mean drift velocity, potential dividers, LDR, thermistors.
- **Waves and quantum physics:** Refraction, polarisation, diffraction, interference, standing waves, Young double-slit experiment, diffraction grating, EM waves, photoelectric effect, line spectra, de Broglie wavelength.
- **Thermal physics and gases:** Temperature, internal energy, absolute zero, heat capacity, latent heat, kinetic theory of gases, liquids and solids.
- **Circular motion and oscillations:** Angular velocity, centripetal force, simple and damped harmonic motion, resonance.
- **Gravity, stars and cosmology:** Newton's law of gravitation, Kepler's laws, gravitational potential, HR diagram, Wein's and Stefan's laws, Doppler effect, Hubble's law, Big Bang theory.
- **Capacitors and electric fields:** Capacitors in series and parallel, charging and discharging capacitors, permittivity, Coulomb's law, uniform and radial electric fields, electric potential.
- **Particle physics:** Alpha particle scattering, quark-lepton model, radioactivity, carbon-dating, nuclear fission and fusion, binding energy, $E=mc^2$.
- **Magnetism and medical imaging:** Magnetic field patterns, Fleming's left-hand rule, charged particles in magnetic fields, Faraday's and Lenz's laws, transformers, X-rays, CT scan, gamma camera, PET scan, ultrasound imaging.

Physics A level OCR/A for Year 12

Length of course: 5 half-day sessions

Boards: OCR/A H157

This course is board-specific for the OCR/A AS level specification (H157).

This course is for Year 12 students only.

- Fundamental data analysis
- Imaging and signaling
- Sensing
- Mechanical properties of materials
- Waves and quantum behaviour
- Space, time and motion

Physics A level OCR/A for Year 13

Length of course: 5 full-day sessions

Boards: OCR/A H557

This course is board-specific for the OCR/A (H557) specification.

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

- Fundamental data analysis
- Imaging and signaling
- Sensing
- Mechanical properties of materials
- Waves and quantum behaviour
- Space, time and motion
- Creating models
- Out into space
- Our place in the universe
- Matter: very simple
- Matter: hot or cold
- Electromagnetism
- Charge and field
- Probing deep into matter
- Ionising radiation and risk

Politics A level AQA for Year 13

Length of course: 5 full day sessions

Boards: AQA & 152

Component Paper 1: Government and politics of the UK

Component Paper 2: Government and politics of the USA and comparative politics

Component Paper 3: Political ideas

1 The government of the UK

- The nature and sources of the British Constitution
- The structure and role of Parliament
- The Prime Minister and cabinet
- The judiciary
- Devolution
- The politics of the UK:
- Democracy and participation
- Elections and referendums
- Political parties
- Pressure groups
- The European Union

2 Government and politics of the USA and comparative politics

- Government and politics of the USA:
- The constitutional framework of US government
- The legislative branch of government: Congress
- The executive branch of government: President
- The judicial branch of government
- The electoral process and direct democracy
- Political parties
- Pressure Groups
- Civil Rights
- Comparative politics
- Constitutional arrangements
- The executives
- The judiciaries
- Electoral and party systems
- Pressure groups
- Civil Rights

3 Political ideas

- Core ideologies
- Liberalism
- Conservatism
- Socialism

The following Ideologies will not be covered

- Nationalism
- Feminism
- Multiculturalism
- Anarchism
- Ecologism

Politics A level Edexcel for Year 13

Length of course: 5 full-day sessions

Boards: Edexcel 9PL0 (US Politics)

This course is board-specific for the Edexcel A level Politics specification (9PL0).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

For Component 2 the course will **not** cover the optional 'non-core political ideas' where students choose from Anarchism, Ecologism, Feminism, Multiculturalism or Nationalism.

For Component 3 there are two options: Global Politics and US Politics. This course is **only** suitable for students studying the **US Politics** route. Global Politics will **not** be covered. Please ensure that US Politics is indicated on your registration form

Component 1: UK Politics

- Democracy and participation
- Political parties
- Electoral systems
- Voting behaviour and the media
- Core political ideas: Liberalism, Conservatism, Socialism

Component 2: UK Government

- The constitution
- Parliament
- Prime Minister and Executive
- Relationships between the branches

Component 3: Government and Politics of the USA

- The US Constitution and federalism
- US Congress
- US Presidency
- US Supreme Court and US civil rights
- US democracy and participation
- Comparative theories

Politics A level Edexcel for Year 13 - Option B

Length of course: 5 full-day sessions

Boards: Edexcel 9PL0 (Global Politics)

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

For Component 2 the course will **not** cover the optional 'non-core political ideas' where students choose from Anarchism, Ecologism, Feminism, Multiculturalism or Nationalism.

For Component 3 there are two options: Global Politics and US Politics. This course is **only** suitable for students studying the Global Politics. **US Politics** route will **not** be covered. Please ensure that Global politics is indicated on your registration form.

Component 1: UK Politics

- Democracy and participation
- Political parties
- Electoral systems
- Voting behaviour and the media
- Core political ideas: Liberalism, Conservatism, Socialism

Component 2: UK Government

- The constitution
- Parliament
- Prime Minister and Executive
- Relationships between the branches

Component 3: Global Politics

- The State and Globalisation.
- Global Governance: Political and Economic.
- Global Governance: Human Rights and Environment
- Power and Developments.
- Regionalism and the EU.
- Comparative Theories. (12 markers)

Psychology A level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7182

This course is board-specific for the AQA specification (7182).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Please note that this specification requires students to study eight compulsory topics and three optional topics from Relations; Aggression; Gender; Cognition and development; Schizophrenia; Eating behaviour; Stress; Forensic psychology; Addiction.

Due to the volume of material that students need to revise for the compulsory element of the course and the diversity of the options available this revision course will focus solely on the eight compulsory topics.

The following compulsory topics will be covered:

1. Social influence
2. Memory
3. Attachment
4. Psychopathology
5. Approaches in psychology
6. Biopsychology
7. Research methods
8. Issues and debates in psychology

Religious Studies A level OCR for Year 13

Length of course: 5 full-day sessions

Boards: OCR H573

This course is board-specific for the OCR specification (H573).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Please note that the Developments in religious thought topic will be covered in relation to Christianity only.

Philosophy of religion

- Ancient philosophical influences
- The nature of the soul, mind and body
- Arguments about the existence or non-existence of God
- The challenge for religious belief of the problem of evil
- The nature and impact of religious experience
- The nature and attributes of God
- Religious language: Negative, Analogical or Symbolic
- Twentieth century perspectives and philosophical comparisons

Religion and ethics

- Normative ethical theories
- The application of ethical theory to two contemporary issues of importance
- Meta-ethical theories
- Conscience
- Sexual ethics

Developments in religious thought

- Religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world
- Section 1: Beliefs, teachings and ideas about human life, the world and ultimate reality (Augustine on human nature and Christian views on death and the afterlife)
- Section 2: Knowledge of God (Knowledge of God's existence and the person of Jesus Christ)
- Section 3: Christian Moral Principles (The Bible, Church and reason as sources of wisdom and authority) & Christian Moral action (Dietrich Bonhoeffer)
- Section 4: Developments in Christian Thought (Religious pluralism and theology, Religious pluralism and society)
- Section 5: The relationship between religion and society (Gender and society, Gender and theology
- Section 6: Challenges facing religious thought (Secularism, Liberation theology and Marx)

Sociology A Level AQA for Year 13

Length of course: 5 full-day sessions

Boards: AQA 7192

This course board-specific for the AQA specification (7192).

This course is for A level Year 13 students only.

This course is **not** suitable for Year 12 students.

Please note the AQA specification requires students to study four compulsory topics for Paper 1 and Paper 3.

Compulsory Topics

Monday 9am – 5pm | Education

Education: The role and functions of the education system, including its relationship to the economy and to class structure. Differential educational achievement of social groups by social class, gender, and ethnicity in contemporary society. Education: Relationships and processes within schools, regarding teacher/pupil relationships, pupil identities and subcultures, the hidden curriculum, and the organisation of teaching and learning. The significance of educational policies, including policies of selection, marketisation and privatisation, and policies to achieve greater equality of opportunity or outcome, for an understanding of the structure, role, impact, and experience of and access to education; the impact of globalisation on educational policy.

Tuesday 9am – 5pm | Crime & Deviance

Crime: Crime, deviance, social order, and social control. The social distribution of crime and deviance by ethnicity, gender and social class, including recent patterns and trends in crime.

Crime: Globalisation and crime in contemporary society; the media and crime; green crime; human rights and state crimes. Crime control, surveillance, prevention and punishment, victims, and the role of the criminal justice system and other agencies.

Wednesday 9am – 5pm | Theory and methods

Theory: Consensus, conflict, structural and social action theories, the concepts of modernity and post-modernity in relation to sociological theory. The nature of science and the extent to which Sociology can be regarded as scientific. The relationship between theory and methods. Debates about subjectivity, objectivity and value freedom the relationship between Sociology and social policy.

Sociological Research Methods:

Quantitative and Qualitative methods of research; research design sources of data, including questionnaires, interviews, participant and non-participant observation, experiments, documents and official statistics. The distinction between primary and secondary data, and between quantitative and qualitative data. Sociological Research Methods: The relationship between positivism, interpretivism and sociological methods; the nature of 'social facts. The theoretical, practical and ethical considerations influencing choice of topic, choice of method(s) and the conduct of research.

Optional topics

Thursday 9am – 5pm | Family

Families and Households: The relationship of the family to the social structure and social change, with particular reference to the economy and to state policies. Changing patterns of marriage, cohabitation, separation, divorce, childbearing, and the life course, including the sociology of personal life, and the diversity of contemporary family and household structures.

Gender roles, domestic labour, and power relationships within the family in contemporary society. The nature of childhood, and changes in the status of children in the family and society. Demographic trends in the United Kingdom since 1900: birth rates, death rates, family

Sociology A Level AQA for Year 13 (continued)

size, life expectancy, ageing population, and migration and globalisation.

Or

Culture and Identity different conceptions of culture, including subculture, mass culture, folk culture, high and low culture, popular culture, and global culture the socialisation process and the role of the agencies of socialisation the self, identity, and difference as both socially caused and socially constructed

the relationship of identity to age, disability, ethnicity, gender, nationality, sexuality, and social class in contemporary society the relationship of identity to production, consumption, and globalisation.

Friday 9am – 5pm | Media

Media: The new media and their significance for an understanding of the role of the media in contemporary society. The relationship between ownership and control of the media. The media, globalisation, and popular culture. The processes of selection and presentation of the content of the news. Media representations of age, social class, ethnicity, gender, sexuality, and disability. The relationship between the media, their content and presentation, and audiences.

Or

Beliefs

Beliefs: The relationship between different social groups and religious/ spiritual organisations and movements, beliefs, and practices. The significance of religion and religiosity in the contemporary world, including the nature and extent of secularisation in a global context, and globalisation and the spread of religions.

Please contact the Easter Revision Team do discuss your precise requirements.

Spanish A level Skills for Year 13

Length of course: 5 half-day sessions

Boards: Suitable for all boards

This course is suitable for the all specifications across all boards.

Our skills-specific course incorporates practice of the following examination skills, with 5 x half-day sessions. The Year 12 and the Year 13 courses run separately, but both focus on the following areas:

- Oral work
- Listening comprehension
- Reading comprehension
- Writing

In each session, emphasis is placed on areas of grammar and vocabulary that commonly cause problems for students. Students are set writing and translating exercises and are encouraged to memorise key vocabulary and use idiomatic structures in Spanish.

Please note that the course only addresses the language component (75-80%) of the exam, it does not give specific coverage to set texts or topics. Where students specifically want help on Spanish texts or topics, this can usually be accommodated by means of individual tuition. Please contact the Easter Revision Team to discuss your precise requirements.

M|P|W

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