M|P|W

Easter Revision in Cambridge

Course Outlines

28 March to 15 April 2022

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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 220 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.

At our most recent Ofsted inspection in November 2019, MPW Cambridge was rated "outstanding" in all assessment areas. In Autumn 2019 the Department of Education ranked MPW Cambridge in the top 1% of all schools offering A levels in the UK for student progression, coming 26th out of over 2700 schools. Taking out schools that only sit fewer than 30 A level exams each year puts us in 8th position.

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.

- **If face-to-face teaching is not possible due to COVID-19 restrictions, we will endeavour to offer an online alternative.**
- **Course content/topics covered may be amended depending upon Ofqual directives.**

"Informative and engaging. No different from lessons in the classroom." Online student 2021

"The lessons are very well planned and structured, and paced slowly making it easier to follow and understand the topics covered." Online student 2021

Easter Revision 2022 Course Dates

Our course dates for Easter Revision 2022 are as follows:

- Week 1: Monday 28 March - Friday 1 April
- Week 2: Monday 4 April - Friday 8 April
- Week 3: Monday 11 April - Friday 15 April (including Good Friday)

GCSE/IGCSE COURSES

Most GCSE and IGCSE courses run Monday to Friday from 9am to 12.30pm and/or from 1.30pm to 5pm. Most GCSE and IGCSE courses provide 17.5 hours of tuition and cost £620. – await new fee

The following GCSE/IGCSE courses are available:

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

NB: AQA Science Combined Trilogy – This consists of 22.5 hours of classes per week at a cost of £930

Our GCSE/IGCSE revision courses are designed for Year 11 students who will be sitting their exams in summer 2022.

A LEVEL COURSES (Year 12 and Year 13)

We run A level courses in the following subjects:

Biology
Business
Chemistry
Economics
English Language
English Literature
French
Geography
History
Mathematics
Philosophy
Physics
Politics
Psychology
Religious Studies
Spanish

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 2022. All Year 13 courses are full-day, week-long courses that run Monday to Friday from 9am to 5pm. These courses provide 35 hours of tuition. The cost is £1170. – await new costs.

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 provide 17.5 hours of tuition and cost £620. – await new costs.

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 provide 17.5 hours of tuition and cost £620 – await new costs.

For A level English Language, GCSE and A level English Literature and GCSE 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** t**opics must be given at the time of registration.** These courses run Monday to Friday for 1.5 hours per day and the cost of 1:1 tuition for 1.5 hours per day Monday to Friday is £620.

ACCOMMODATION

For students who cannot commute each day, we offer supervised, full-board accommodation, including a shuttle bus to and from MPW. Full details and costs are available on request.

TIMETABLES

MPW will be happy to email a provisional timetable with costs for your consideration.

- ✓ 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 found my week at MPW very useful and definitely worth coming for. The tutor was extremely helpful and cleared all my weaknesses and concerns within Chemistry. My class environment was great and I liked having the small class sizes."
Chemistry student, Easter Revision 2019

"An extremely good revision week that taught me how to write essays effectively and also went into in depth knowledge of the subject. I feel a lot more confident and I now know what I need to do in the run up to my exam."
Politics student, Easter Revision 2019

"Revised all parts of the course in detail with appropriate handouts. Lots of feedback and advice given on how to achieve the top grades. Well structured. Fantastic teacher!"
Spanish student, Easter Revision 2019

"The teacher really pushed me to revise. I am now confident for my exams and the material given is simply priceless. I really recommend this course which has always been a great investment of my time and money."
Chemistry student, Easter Revision 2018

"We got along incredibly. We talked a lot and History began to be more interesting. She was just incredible. We got to go over lots of topics, including answering exam questions. I am beyond ready at this point."
History student, Easter Revision 2018

"My week at MPW has been highly informative, very in-depth and mentally challenging. The course has been very beneficial as a form of revision to upcoming exams. My class has been really enthusiastic and helpful in the further development of my revision and study skills."
Business student, Easter Revision 2018

"A hugely beneficial experience – shows the areas where you need more work on. I feel that I have gained some new and valuable skills."
Maths and Biology student, Easter Revision 2017

"I really believe that my Easter Revision course is the reason I have ended up at my first-choice university studying a course I am excited to begin."
Economics student, Easter Revision 2017

"A very informative course taught very well in a relaxed atmosphere by a friendly teacher."
Science student, Easter Revision 2016

"An excellent refreshment of the course content and also a good way of improving exam technique."
Philosophy student, Easter Revision 2016

Parents say...

"Our son found the Easter sessions with you very helpful. Not only from a learning perspective but also from being with other students and seeing that he is not the only who finds it hard to revise and plan."
Parent of Hills Road Sixth Form student: A level Chemistry and Maths

"Just wanted to express our thanks for the detailed feedback, and the boost in learning and confidence he has had from the last two weeks and love this quote: 'My maths tutor is a legend!'"
Parent of Sandy Upper School student: GCSE English, Chemistry, Maths and Physics

"Thank you for a great course. My daughter enjoyed it and is feeling much more confident. Do please thank the teacher for all their work, much appreciated."
Parent of Sawston Village College student: GCSE English

"I just wanted to convey my thanks for an enormously successful week at MPW. He is obviously an incredibly inspiring teacher who managed to engage his students and make Maths A Level "fun" (I wouldn't have thought it possible!) My son returned from his week exhausted but with a huge sense of achievement, self-belief and renewed confidence – we really couldn't have asked for more. We would be so grateful if you could pass on our sincere thanks to the tutor."
Parent of Stamford School student: A level Maths

"I just wanted to take a moment to say thank you for the excellently run GCSE revision sessions that my son attended. He achieved a lot and the lessons in all subjects have really helped him consolidate his knowledge. We would definitely recommend MPW and he will be keen to join you for a similar A level programme."
Parent of an English, Maths, Chemistry and Physics student

"My daughter says that the teacher was really excellent. She felt the course was thoroughly worth it and it exceeded her expectations. She not only enjoyed it and felt she learnt a lot, she also said to me that she was given a new perspective on and an increased interest in the subject, coupled with finding a better and more productive way of learning and revising. I would like to pass on my thanks to the teacher too."
Parent of a Biology 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 Ipswich School student: GCSE Chemistry

"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 Bedford Girls' School student: A level Biology

"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 Norwich High School for Girls student: A level Chemistry

"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 Oundle student: A level Maths

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 IGCSE CIE

Length of course: 5 half-day sessions ***Boards: CIE 0610***

This course is designed for students studying IGCSE Biology with CIE. The CIE 0970 syllabus is graded from 9 to 1 but is otherwise the same as CIE 0610.

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.

Please note that students can be entered for either core tier or extension tier exams for the CIE specifications. This course will be delivered to extension 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
- Concept and use of a classification system
- Classification of vertebrates and arthropods
- Construction and use simple dichotomous keys based on easily identifiable features
- Calculation of magnification and size of biological specimens
- The importance of osmosis in both plant and animal cells
- DCPIP test for vitamin C
- Mechanical digestion
- The treatment of diarrhea using oral rehydration therapy
- Care of teeth
- The lymphatic system
- The role of the liver in assimilation of amino acids
- Misused drugs including heroin, alcohol, anabolic steroids and testosterone
- Birth control
- Sex-linkage
- Human population and growth curves
- Water cycle
- Conservation

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 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

English Language GCSE

Length of course: 5 half-day or quarter-day sessions 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, 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. Students may attend either session or both sessions. Students attending only one session are charged at a pro rata rate.

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.

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). This specification has two options. Students who are not submitting coursework should attend all five sessions. Students who are submitting coursework will not need to attend Thursday and Friday 11:00-12:30.

Students attending Paper 1 sessions only will be charged a pro-rata rate.

Monday-Wednesday, 9:00-12:30 **Thursday-Friday, 9:00-10:30**	**Thursday-Friday, 11:00-12:30**
Paper 1 **Reading** Revising how to answer questions that test understanding of an unprepared reading passage and a passage from Part 1 of the *Pearson Edexcel International GCSE English Anthology* **Writing** Revising how to complete a 45-mark writing task involving a given audience, form or purpose. Paper 1 is compulsory for all students.	**Paper 2** **Reading** Revising how to answer questions that test understanding from Part 2 of the *Pearson Edexcel International GCSE English Anthology*. **Writing** Revising how to complete a choice of tasks that test writing to explore, imagine, entertain and writing to argue, persuade, advise. Paper 2 is not compulsory. Students who have completed written coursework will not sit this exam and therefore will not need to attend this part of the course.

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.

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.

English - Second Language IGCSE EDEXCEL / CIE

Length of course: 5 half-day sessions ***Boards: Edexcel / CIE***

This course is suitable only for students sitting English – Second Language IGCSE with Edexcel / CIE. 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

All boards offered

Due to the variety of texts available in English Literature 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 text 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 your examination board and details of the texts chosen by your school on which you will sit written exams in the summer.

Please note that to make the most of the 7.5 hours we recommend choosing between two-three texts. In most cases, 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 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 GCSE/IGCSE

Length of course: 5 half-day or quarter-day sessions ***Suitable for all boards***

The course aims to provide a structured and systematic revision of the essential GCSE/IGCSE topic areas, vocabulary and grammar. As some schools will have already completed the Writing and Speaking units prior to the Easter holidays, each course will be divided into two sessions. Students may book one or both sessions as appropriate:

Session 1, 1.5 hours: **Listening and Reading Comprehension**

Session 2, 1.5 hours: **Writing and Speaking**

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, investigation requirements, 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.

Students attending fewer than five sessions will be charged at a pro-rata rate.

	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
	Topic 1 Tectonic hazards: causes, impacts and management of earthquakes and volcanoes.	**Topic 2** Weather hazards: causes, impacts, management – atmospheric circulation, tropical storms, UK weather hazards, climate change.	**Topic 3** Ecosystems: overview of global distribution, tropical rainforests, eg characteristics, value, impacts of human activity, management.	**Topic 4** Urban areas / cities: global patterns and characteristics, reasons for the growth of megacities, opportunities (positive impacts/issues), challenges (negative impacts/issues), management.	**Topic 5** Development: indicators and measures of development, global patterns, reasons for and impacts of uneven patterns of development, management strategies.
AQA GCSE (8035)	✓	✓	✓	✓	✓
OCR A GCSE (J383)		✓	✓	✓	✓
OCR B GCSE (J384)	✓	✓	✓	✓	✓
Edexcel A GCSE (1GA0)		✓	✓	✓	✓
Edexcel B GCSE (1GB0)	✓	✓		✓	✓
Edexcel IGCSE (4GE1)	✓			✓	✓
CIE IGCSE (0460)	✓		✓	✓	

History GCSE/IGCSE

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.

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.

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.

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 and CIE***

This course is designed for students whose schools have chosen to follow the Edexcel IGCSE Higher Tier specification (4MA1 - Specification A). Most topics are also suitable for students following the CIE IGCSE specifications 0580 (A*-G grading) and 0626 (9-1 grading), where the student is taking both Core and Extended papers.

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 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

Science (Combined: Trilogy) GCSE AQA

Length of course: 5 x three-quarter-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

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

Chemistry

- 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

- 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 three-quarter-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

- 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

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

Physics

- 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 Suitable for all boards

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

As some schools will have already completed the Writing and Speaking units prior to the Easter holidays, each course will be divided into two sessions. Students may book one or both sessions, as appropriate.

Session 1, 1.5 hours: **Listening and Reading Comprehension**

Session 2, 1.5 hours: **Writing and Speaking**

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 H420***

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

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 AQA for Year 12

Length of course: 5 half-day sessions ***Boards: AQA 7132***

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

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.

- What is business?
- Managers, leadership and factors in decision-making
- Decision making to improve marketing performance
- Decision making to improve operational performance
- Decision making to improve financial performance
- Decision making to improve human resource performance

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
- Decision making to improve marketing performance
- Decision making to improve operational performance
- Decision making to improve financial performance
- Decision making to improve human resource performance
- 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 12

Length of course: 5 half-day sessions ***Boards: AQA 7405***

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

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.

- Atomic structure
- Amount of substance
- Bonding
- Energetics
- Kinetics
- Chemical equilibria, Le Chatelier's principle and K_c
- Oxidation, reduction and redox equations
- Periodicity
- Group 2, the alkaline earth metals
- Group 7(17), the halogens
- Introduction to organic chemistry
- Alkanes
- Halogenoalkanes
- Alkenes
- Alcohols
- Organic analysis

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

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

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

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 H432***

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

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)

Chemistry A level OCR/B/Salters for Year 12

Length of course: 5 half-day sessions ***Boards: OCR/B H433 Salters***

This course is board-specific for the OCR/B/Salters specification (H433).

This course is for Year 12 students only.

- **Elements of life**: atomic structure, atomic spectra and electron configurations; fusion reactions; mass spectrometry and isotopes; the periodic table and Group 2 chemistry; bonding and the shapes of molecules; chemical equations and amount of substance (moles); ions: formulae, charge density, tests; titrations and titration calculations.
- **Developing fuels**: the chemical ideas in this module are: thermochemistry; organic chemistry: names and combustion of alkanes, alkenes, alcohols; heterogeneous catalysis; reactions of alkenes; addition polymers; electrophilic addition; gas volume calculations; shapes of organic molecules, σ- and π-bonds; structural and E/Z isomers; dealing with polluting gases.
- **Elements from the sea**: halogen chemistry; redox chemistry and electrolysis; equilibrium; atom economy.
- **The ozone story**: composition by volume of gases; the electromagnetic spectrum and the interaction of radiation with matter; rates of reaction; radical reactions; intermolecular bonding; haloalkanes; nucleophilic substitution reactions; the sustainability of the ozone layer.
- **What's in a medicine?**: the chemistry of the –OH group, phenols and alcohols; carboxylic acids and esters; mass spectrometry and IR spectroscopy; organic synthesis, preparative techniques and thin layer chromatography; green chemistry.

Chemistry A level OCR/B/Salters for Year 13

Length of course: 5 full-day sessions ***Boards: OCR/B H433 Salters***

This course is board-specific for the OCR/B/Salters specification (H433).

This course is for A level Year 13 students only.

It is not suitable for Year 12 students.

- **Elements of life**: atomic structure, atomic spectra and electron configurations; fusion reactions; mass spectrometry and isotopes; the periodic table and Group 2 chemistry; bonding and the shapes of molecules; chemical equations and amount of substance (moles); ions: formulae, charge density, tests; titrations and titration calculations.
- **Developing fuels**: the chemical ideas in this module are: thermochemistry; organic chemistry: names and combustion of alkanes, alkenes, alcohols; heterogeneous catalysis; reactions of alkenes; addition polymers; electrophilic addition; gas volume calculations; shapes of organic molecules, σ- and π-bonds; structural and E/Z isomers; dealing with polluting gases.
- **Elements from the sea**: halogen chemistry; redox chemistry and electrolysis; equilibrium; atom economy.
- **The ozone story**: composition by volume of gases; the electromagnetic spectrum and the interaction of radiation with matter; rates of reaction; radical reactions; intermolecular bonding; haloalkanes; nucleophilic substitution reactions; the sustainability of the ozone layer.
- **What's in a medicine?**: the chemistry of the –OH group, phenols and alcohols; carboxylic acids and esters; mass spectrometry and IR spectroscopy; organic synthesis, preparative techniques and thin layer chromatography; green chemistry.
- **The chemical industry**: kinetics, using experimental data, calculations involving order of reaction, rate equations, rate constant and Arrhenius equation; equilibrium and equilibrium constant calculations; effects of factors on the rate and equilibrium yields of reactions; aspects of nitrogen chemistry; Sustainability - industrial processes, analysis of costs, benefits and risks of industrial processes
- **Polymers and life**: amino acid chemistry, structure of proteins, the structure and function of DNA and RNA; Kinetics – enzyme chemistry; chemistry of carboxylic acids; homologous series and amides; hydrolysis of esters, amides; condensation polymerisation; isomerism; mass spectra, proton and carbon-13 spectra and combined techniques.
- **Oceans**: enthalpy calculations of lattice enthalpy, hydration energy and solution, entropy calculations; acids and bases including calculations of pH and buffers; 'greenhouse effect'
- **Developing metals**: redox titrations; cells and electrode potentials; d-block chemistry; colorimetry
- **Colour by design**: some chemistry of dyes; fats and oils, aromatic compounds; reactions of aromatic and carbonyl compounds; nucleophilic addition; the chemical origins of colour in organic compounds; gas–liquid chromatography

Economics A level AQA for Year 12

Length of course: 5 half-day sessions ***Boards: AQA 7136***

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

This course is for Year 12 students only.

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

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 12

Length of course: 5 half-day sessions ***Boards: Edexcel/A 9EC0***

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

This course is for Year 12 students only.

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.

As quantitative skills account for 15% of the available marks special emphasis will be placed on this area.

- 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

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
- Market failure and externalities
- Government intervention
- Measures of economic performance
- Aggregate demand and aggregate supply
- Macroeconomic objectives and policy
- Elasticities
- 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 12

Length of course: 5 half-day sessions ***Boards: OCR H460 only***

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

This course is for Year 12 students only.

Exam technique practice will focus on both qualitative and quantitative evaluation of evidence. Particular emphasis will be placed on the 'stretch and challenge' type of question. As quantitative skills account for 15% of the available marks special emphasis will also be placed on this area.

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.

- Scarcity and choice
- How competitive markets work
- Market failure and government intervention
- Economic policy objectives and indicators of macroeconomic performance
- Aggregate demand and aggregate supply
- The application of policy instruments
- The global context

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.

- Scarcity and choice
- How competitive markets work
- Market failure and government intervention
- Economic policy objectives and indicators of macroeconomic performance
- Aggregate demand and aggregate supply
- The application of policy instruments
- The global context
- Competition and market power
- Labour market
- The financial sector

English Language A level Year 12 and Year 13

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 12 and Year 13

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 12 and 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 12

Length of course: 5 half-day sessions ***Boards: AQA 7037***

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

This course is for Year 12 students only.

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 only cover the **compulsory** topics within the specification.

The course will cover:

- Component 1: Physical - Water and carbon cycles
- Component 2: Human - Changing Places
- Component 2: Human - Global systems and global governance
- Geographical Skills

The course will **not** cover the optional units, ie:

- Component 1 – Physical: Coastal systems and landscapes
- Component 1 – Physical: Ecosystems under stress
- Component 1 – Physical: Glacial systems and landscapes
- Component 1 – Physical: Hazards
- Component 1 – Physical: Hot desert systems and landscapes
- Component 2 – Human: Contemporary urban environments
- Component 2 – Human: Population and environment
- Component 2 – Human: Resource security

Geography A level AQA for Year 13

Length of course: 5 half-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 only cover the **compulsory** topics within the specification.

The course will cover:

- Component 1 – Physical: Water and carbon cycles
- Component 2 – Human: Global systems and global governance
- Component 2 – Human: Changing places
- Geographical Skills

The course will **not** cover the optional units, ie:

- Component 1 – Physical: Coastal systems and landscapes
- Component 1 – Physical: Ecosystems under stress
- Component 1 – Physical: Glacial systems and landscapes
- Component 1 – Physical: Hazards
- Component 1 – Physical: Hot desert systems and landscapes
- Component 2 – Human: Contemporary urban environments
- Component 2 – Human: Population and environment
- Component 2 – Human: Resource security

Geography A level Edexcel for Year 13

Length of course: 5 half-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 only cover the **compulsory** topics within the specification.

The course will cover:

- Tectonic Processes and Hazards (Paper 1)
- The Water Cycle and Water Insecurity (Paper 1)
- The Carbon Cycle and Energy Security (Paper 1)
- Globalisation (Paper 2)
- Superpowers (Paper 2)
- Synoptic assessment using resource booklet (Paper 3)

The course will **not** cover the optional units, ie:

- Glaciated Landscapes and Change (Paper 1)
- Coastal Landscapes and Change (Paper 1)
- Regenerating Places (Paper 2)
- Diverse Places (Paper 2)
- Health, Human Rights and Intervention (Paper 2)
- Migration, Identity and Sovereignty (Paper 2)

Geography A level OCR for Year 12

Length of course: 5 half-day sessions ***Boards: OCR H481***

This course is board-specific for the OCR A level specification (H481).

This course is for Year 12 students only.

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 only cover the **compulsory** topics within the specification.

The course will cover:

- Landscape Systems - Coastal Landscapes only
- Changing Spaces: Making Places
- Geographical Skills

The course will **not** cover the optional units, ie:

- Hazardous Earth
- Climate Change
- Disease Dilemmas
- Exploring Oceans
- Future of Food.

Geography A level OCR for Year 13

Length of course: 5 half-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.

This course will only cover the **compulsory** topics within the specification.

The course will cover:

- Component 1 – Physical Systems: Earth's Life Support Systems
- Component 2 – Human interactions: Changing Spaces; Making Places
- Geographical Skills

The course will **not** cover the optional units, ie:

- Component 1 – Physical: Landscape systems: Coastal Landscapes
- Component 1 – Physical: Landscape systems: Glaciated Landscapes
- Component 1 – Physical: Landscape systems: Dryland Landscapes
- Component 2 – Human: Global Connections – Trade in the Contemporary World
- Component 2 – Human: Global Connections - Global Migration
- Component 2 – Human: Global Connections – Human Rights
- Component 2 – Human: Global Connections - Power and Borders
- Component 3 – Climate Change
- Component 3 – Physical: Disease Dilemmas
- Component 3 – Exploring Oceans
- Component 3 – Future of Food.
- Component 3 – Physical**:** Hazardous Earth

History A level for Year 12 and Year 13

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 ***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.

OCR MEI H640

This course is board-specific for the OCR MEI A level specification (H640). This course is only available for Year 13 students. Year 13 courses consist of 5 x full-day courses.

The following content is covered:

- Proof; Algebra; Functions; Graphs: Coordinate Geometry; Sequences and Series; Trigonometry; Exponentials and Logarithms; Calculus; Numerical Methods, Vectors; Sampling; Data presentation and interpretation; Probability; Probability Distributions; Statistical hypothesis testing; Models and quantities; Kinematics in 1 dimension; Kinematics in 2 dimensions; Projectiles; Forces; Newton's laws of motion; rigid bodies.

Philosophy A level AQA for Year 12

Length of course: 5 half-day sessions ***Boards: AQA 7172***

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

This course is for Year 12 students only.

The course will cover the following content:

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 skepticism; 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.

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.

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 H556***

This course is suitable for students following the OCR/A (H556) 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/B for Year 12

Length of course: 5 half-day sessions ***Boards: OCR/B H557 only***

This course is board-specific for the OCR/B AS level specification (H557).

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/B for Year 13

Length of course: 5 full-day sessions ***Boards: OCR/B H557***

This course is board-specific for the OCR/B (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 Edexcel for Year 12

Length of course: 5 half-day sessions ***Boards: Edexcel 9PL0***

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

This course is for Year 12 students only.

Component 1: UK Politics

- Democracy and participation
- Political parties
- Electoral systems
- Voting behaviour and the media

Component 2: UK Government

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

Politics A level Edexcel for Year 13

Length of course: 5 full-day sessions ***Boards: Edexcel 9PL0***

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.

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

Psychology A level AQA for Year 12

Length of course: 5 half-day sessions ***Boards: AQA 7182***

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

This course is for Year 12 students only.

The following topics will be covered:

- Social influence
- Memory
- Attachment
- Psychopathology
- Approaches in psychology
- Biopsychology
- Research methods

Psychology A level AQA for Year 13

Length of course: up to 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 12

Length of course: 5 half-day sessions ***Boards: OCR H573 only***

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

This course is for Year 12 students only.

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 nature and impact of religious experience
- The challenge for religious belief of the problem of evil

Religion and ethics

- Normative ethical theories
- The application of ethical theory to two contemporary issues of importance

Developments in religious thought

- Religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world
- Sources of religious wisdom and authority
- Practices which shape and express religious identity, and how these vary within a tradition

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)

Spanish A level Skills for Year 12 and 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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