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Introduction



Cardiff Sixth Form College has a thriving student body of around 360 students per year. The College is a diverse, friendly and inclusive community which offers students from all over the world a warm welcome.

A firm focus on gaining top academic results, strong careers and higher education guidance and support, a range of super curricular and extra-curricular activities as well as individual personal support programmes are the hallmark of a Cardiff education.

The aim of this booklet is to provide all the necessary information to make the best choices for IGCSE/GCSE and A Level subjects on offer, detail the courses in-depth and the types of careers these subjects lead onto. All students at Cardiff Sixth Form College take up to 11 IGCSE/GCSE subjects for a two-year IGCSE/GCSE course, six subjects for a one-year IGCSE/GCSE course and four A Level subjects. In addition, we provide a variety of enrichment activities, careers opportunities, competitions, university guidance, extra-curricular activities and work experience.

A handwritten signature in black ink, appearing to read 'G. Collier'.

Gareth Collier
Principal
Cardiff Sixth Form College





IGCSE's/GCSE's

Through our GCSE courses, Cardiff Sixth Form College provides a unique opportunity for younger students, many of whom aspire to progress onto the award winning Sixth Form, to be able to take advantage of the inspirational teaching, excellent career development and modern boarding environment at the top school in the UK.

An excellent platform for moving onto the next level and a solid foundation for continuing their studies, this course gives students the opportunity to study between six and eleven key academic subjects as well as improve their English proficiency in small class sizes with intensive teaching.

Taught by the highly experienced Cardiff Sixth Form staff, all students will also participate fully in sport, cultural activities, extra-curricular activities and clubs, a super-curricular programme, academic enrichment opportunities and everyday College life alongside their A Level counterparts.

We run a specific, optional, work observation activity for our GCSE students, taking them to Europe (Holland, Belgium and France e.g.) for two weeks to give them experience towards their career pathways.

One Year GCSE

The one year GCSE course will be particularly useful for international students, many of whom do not take a formal examination at this stage, who wish to follow an A Level programme and subsequently hope to study at a top UK or US university. It is a stand-alone qualification, the results of which are also taken into account in the entry process for top university courses.

Key Facts

Age: 15-16 at time of enrolment

Course Length: 1 year

Course Start: September

Entry Requirements: Successful performance in college entry tests (English, Maths) plus GL assessment and interview

English Language Requirement: IELTS 5.5

Other Requirements: School report, passport and birth certificate

Application process: Complete registration form and send to admissions@ccoex.com. The registration fee of £250 for international students or £180 for UK students should be paid by credit card using the following online link: <https://www.flywire.com/pay.ccoexdeposit/> or by bank transfer:

Bank Name - HSBC, 60 Queen Victoria St, London EC4N 4TR. Account name: CSFC Ltd.

Bank Account no: 80437581

Sort Code: 401160. BIC: MIDLGB22, IBAN No: GB79HBUK40116080437581.

Subjects

Students will study between six and nine GCSE subjects depending on their ability and English language proficiency.

Core Subjects	Options	Supporting Curriculum
English (first or second language)	Economics	Assemblies
Mathematics	Art	PSE
Physics	History	PE
Chemistry	Geography	
Biology	French	
	German	



Art & Design

Course Summary

This International GCSE qualification has been designed to raise awareness of the purposes, intentions and functions of art, craft and design. Students develop knowledge, understanding and skills within their chosen endorsed title specialism when completing their Personal Portfolio.

Specification Content

Component 1: Personal Portfolio

Content summary

Students must work within one of the following endorsed titles: Fine Art; Graphic Communication; Photography; Textile Design; Three-dimensional Design.

Students create a personal portfolio of work that demonstrates the knowledge, understanding and skills for the selected endorsed titles.

Assessment

Students must submit: Three sheets of supporting studies (maximum size A2 for each sheet) and one sheet of final outcome/s

All work is internally set and is externally marked using the assessment grid.

Component 2: Externally-set Assignment

Content summary

Students must continue to work in the same endorsed title as they did for the Personal Portfolio. For example, if a student chooses Fine Art for component one, then they must continue with Fine Art for component two.

Art & Design

Students must present personal response(s) to an externally set broad-based thematic starting point, set by Pearson in the Externally Set Assignment.

Assessment

Students must submit: Three sheets of supporting studies (maximum size A2 for each sheet) and one sheet of final outcome/s

All work is externally set and is externally marked using the assessment grid.

Why is art and design a good option to study at IGCSE level?

The qualification enables students to:

- Actively engage in the creative process of art, craft and design in order to develop as effective and independent learners, and as critical and reflective thinkers with enquiring minds
- Develop creative, imaginative and intuitive capabilities when exploring and making images, artefacts and products
- Become confident in taking risks and learn from experience when exploring and experimenting with ideas, processes, media, materials and techniques
- Develop critical understanding through investigative, analytical, experimental, practical, technical and expressive skills
- Develop and refine ideas and proposals, personal outcomes or solutions with increasing independence
- Acquire and develop technical skills through working with a broad range of media, materials, techniques, processes and technologies with purpose and intent
- Develop knowledge and understanding of art, craft and design in historical and contemporary contexts, societies and cultures
- Develop an awareness of the different roles and individual work practices evident in the production of art, craft and design in the creative and cultural industries
- Develop an awareness of the purposes, intentions and functions of art, craft and design in a variety of contexts and as appropriate to students' own work
- Demonstrate safe working practices in art, craft and design

Biology

Course Summary

The Pearson Edexcel International GCSE in Biology comprises two externally-assessed papers:

- Biology Paper 1
- Biology Paper 2

You will study living things across both the plant and animal kingdoms. You will also take a broader perspective, examining ecology, the environment, and biological resources.

Specification Content

Biology Paper 1

- 110 marks
- 61.1% of the total International GCSE

The paper is assessed through a 2-hour written examination paper set and marked by Pearson. There will be a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Questions may come from any topic area across the specification. 1 The nature and variety of living organisms 2 Structures and functions in living organisms 3 Reproduction and inheritance 4 Ecology and the environment 5 Use of biological resources

Biology Paper 2

- 70 marks
- 38.9 % of the total International GCSE

The paper is assessed through a 1-hour and 15-minute written examination paper set and marked by Pearson. There will be a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Biology

Questions may come from any topic area across the specification. 1 The nature and variety of living organisms 2 Structures and functions in living organisms 3 Reproduction and inheritance 4 Ecology and the environment 5 Use of biological resources.

Knowledge and skills you will develop on the course

The qualification enables students to:

- Learn about unifying patterns and themes in biology and use them in new and changing situations
- Evaluate biological information, making judgements based on this information
- Appreciate the practical nature of biology, developing experimental and investigative skills based on correct and safe laboratory techniques
- Analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations
- Select, organise, and present relevant information clearly and logically using appropriate vocabulary, definitions, and conventions
- Develop a logical approach to problem solving in a wider context
- Prepare for more advanced courses in biology and for other courses that require knowledge of biology

Chemistry

Course Summary

The The Pearson Edexcel International GCSE in Chemistry comprises two externally-assessed papers:

- Chemistry Paper 1
- Chemistry Paper 2

Chemistry is the study of the structure, behaviour, and properties of matter, and of the elements of the Earth and its atmosphere. Chemistry helps us to think logically about the world around us. Chemistry is the study of the composition, behaviour and properties of matter, and of the elements of the Earth and its atmosphere.

Specification Content

Chemistry Paper 1

- 110 marks
- 61.1% of the total International GCSE

The paper is assessed through a 2-hour written examination paper set and marked by Pearson. There will be a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Questions may come from any topic area across the specification: 1 Principles of chemistry 2 Inorganic chemistry 3 Physical chemistry 4 Organic chemistry.

Chemistry

Chemistry Paper 2

- 70 marks
- 38.9% of the total International GCSE

The paper is assessed through a 1-hour and 15-minute written examination paper set and marked by Pearson. There will be a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Questions may come from any topic area across the specification: 1 Principles of chemistry 2 Inorganic chemistry 3 Physical chemistry 4 Organic chemistry.

Knowledge and skills you will develop on the course

The qualification enables students to:

- Learn about unifying patterns and themes in chemistry and use them in new and changing situations
- Evaluate chemical information, making judgements on the basis of this information
- Appreciate the practical nature of chemistry, developing experimental and investigative skills based on correct and safe laboratory techniques
- Analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations
- Select, organise, and present relevant information clearly and logically using appropriate vocabulary, definitions, and conventions
- Develop a logical approach to problem solving in a wider context
- Prepare for more advanced courses in chemistry and for other courses that require knowledge of chemistry

Economics

Course Summary

The course is designed to give students a sound understanding of economics, and the ability to use knowledge, skills and understanding appropriately in the context of individual countries and the global economy.

Specification Content

Paper 1: Microeconomics and Business Economics

- 50% of the total International GCSE Examination of 1 hour 30 minutes, consisting of four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.

Content summary

- The market system
- The economic problem
- Economic assumptions
- Demand, supply and market equilibrium
- Elasticity
- The mixed economy
- Externalities Business economics
- Production
- Productivity and division of labour
- Business costs, revenues and profit
- Business competition
- The labour market
- Government intervention

Economics

Paper 2: Macroeconomics and the Global Economy

- 50% of the total International GCSE Examination of 1 hour 30 minutes, consisting of four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.

Content summary

- Government and the economy
- Macroeconomic objectives
- Government policies
- Relationships between objectives and policies
- The global economy
- Globalisation
- International trade
- Exchange rates

Why is economics a good option to study at IGCSE level?

The qualification enables students to:

- Develop an understanding of economic concepts and apply these concepts to real-life situations
- Calculate, interpret, and evaluate economic data to make reasoned arguments and informed judgements
- Develop an awareness of economic change and its impact on developing and developed economies
- Understand economic issues, problems and possible solutions that affect mixed economies
- Participate effectively in society as citizens, producers, and consumers
- Be effectively prepared for AS / A Level economics courses

English

Course Summary

The Pearson Edexcel International GCSE in English Language (Specification A) is a linear qualification. It features a relevant, updated and engaging selection of texts ranging from British heritage to modern international.

Specification Content

Paper 1: Non-fiction Texts and Transactional Writing

- 90 marks
- 60% of the total International GCSE

Examination of 2 hours 15 minutes. Section A: Reading – a mixture of short- and long-answer questions related to a nonfiction text from Part 1 of the Pearson Edexcel International GCSE English Anthology and one previously unseen extract. Total of 45 marks. Section B: Transactional Writing – one 45-mark writing task, from a choice of two involving a given audience, form or purpose.

Component 3: Poetry and Prose Texts and Imaginative Writing

- 40% of the total International GCSE

Internally assessed – Assignment A: Poetry and prose texts – one 30-mark essay question based on any two poetry or prose texts from Part 2 of the Pearson Edexcel International GCSE English Anthology, including a 6-mark commentary on why these texts were selected. Assignment B: Imaginative writing – one 30-mark imaginative writing task.

English

Spoken language endorsement

The spoken language presentation may take a variety of forms, including: a) A speech or talk by a student, followed by questions from the audience. b) a formal debate or dialogue, such as an interview where the student is able to prepare extended responses to questions or prompts, which have been shared in advance, followed by questions from the audience. In all cases, the presentation should be prepared and last no longer than 10 minutes.

There are no marks for the spoken language endorsement. However, a grade will be awarded (Not Classified, Pass, Merit or Distinction). Students' grades will appear on their certificates.

Knowledge and skills you will develop on the course

The qualification enables students to:

- Read a wide range of texts fluently and with good understanding
- Read critically and use knowledge gained from wide reading to inform and improve their own writing
- Write effectively and coherently using Standard English appropriately
- Use grammar correctly, punctuate and spell accurately
- Acquire and apply a wide vocabulary alongside knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language
- Listen to and understand spoken language, and use spoken Standard English effectively

French

Course Summary

Students will communicate formally and informally in a range of contexts, and to understand a wide range of texts and styles. The aim of the qualification is to test French language competence through realistic and contextualised tasks.

Specification Content

Paper 1: Listening

- 40 marks
- 25% of the total International GCSE

Assessment is through a 30-minute examination paper set and marked by Pearson, plus five minutes' reading time.

Content summary

This paper assesses listening skills across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness, and health

French

Paper 2: Reading and Writing

Assessment is through a 1-hour and 45-minute examination paper set and marked by Pearson.

- The total number of marks for the paper is 80, with 40 marks for reading and 40 marks for writing.
- 50% of the total International GCSE

Content summary

This paper assesses reading and writing skills in separate sections across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness, and health.

Paper 3: Speaking

- 40 marks
- Total assessment time is 8-10 minutes

French

Content summary

This paper assesses speaking skills across five topic areas. The examination is made up of three tasks. Students will present and answer questions on a picture. They will also discuss two different topics, chosen at random by Pearson from the following:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness, and health.

Why is French a good option to study at IGCSE level?

The qualification enables students to:

- Understand and use written forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- Understand and use spoken forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- Communicate effectively in the target language through the written word, using a range of vocabulary and structures
- Communicate effectively in the target language through speaking, using a range of vocabulary and structures
- Develop a knowledge and understanding of the target language grammar and its practical application
- Develop a knowledge and understanding of countries and communities where the target language is spoken
- Develop positive attitudes towards modern foreign language learning

Geography

Course Summary

A two-paper model allows students to focus on physical and human geography. The qualification will test knowledge and understanding, as well as analytical, evaluation and fieldwork skills in both papers.

Specification Content

Paper 1: Physical geography

- 70 marks
- 40% of the total International GCSE

Examination of 1 hour and 10 minutes, consisting of two sections. The questions are a mixture of multiple-choice, short-answer, data-response, and open-ended questions. **Section A:** Candidates choose two out of three questions on: river environments, coastal environments, hazardous environments. **Section B:** Candidates choose one out of three fieldwork-related questions on: river environments, coastal environments, hazardous environments.

Paper 2: Human geography

- 105 marks
- 60% of the total International GCSE

Examination of 1 hour and 45 minutes, consisting of three sections. The questions are a mixture of multiple-choice, short-answer, data-response, and open-ended questions. **Section A:** Candidates choose two out of three questions on: economic activity and energy, rural environments, urban environments. **Section B:** Candidates choose one out of three fieldwork-related questions on: economic activity and energy, rural environments, urban environments. **Section C:** Candidates choose one out of three questions on: fragile environments and climate change, globalisation and migration, development, and human welfare.

Geography

Why is Geography a good option to study at IGCSE level?

The qualification enables students to:

- Actively engage in the process of geographical enquiry to develop as effective and independent learners, and as critical and reflective thinkers with enquiring minds
- Develop their knowledge and understanding of geographical concepts and appreciate the relevance of these concepts to our changing world
- Appreciate that people have different views of, and attitudes to, the world, its environments, and its issues
- Undertake geographical investigations that include both primary and secondary data collection, presentation, and analysis, drawing conclusions, and evaluating the whole geographical investigation
- Develop their awareness of global issues and recognise the challenges of moving towards a sustainable future

German

Course Summary

Students will communicate formally and informally in a range of contexts, and to understand a wide range of texts and styles. The aim of the qualification is to test German language competence through realistic and contextualised tasks..

Specification Content

Paper 1: Listening

- 40 marks
- 25% of the total International GCSE

Assessment is through a 30-minute examination paper set and marked by Pearson, plus five minutes' reading time.

Content summary

This paper assesses listening skills across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness, and health

German

Paper 2: Reading and Writing

Assessment is through a 1-hour and 45-minute examination paper set and marked by Pearson.

- The total number of marks for the paper is 80, with 40 marks for reading and 40 marks for writing.
- 50% of the total International GCSE

Content summary

This paper assesses reading and writing skills in separate sections across five topic areas:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness, and health.

Paper 3: Speaking

- 40 marks
- Total assessment time is 8-10 minutes

Content summary

This paper assesses speaking skills across five topic areas. The examination is made up of three tasks. Students will present and answer questions on a picture. They will also discuss two different topics, chosen at random by Pearson from the following:

- Home and abroad
- Education and employment
- Personal life and relationships
- The world around us
- Social activities, fitness, and health.

German

Why is German a good option to study at IGCSE level?

The qualification enables students to:

- Understand and use written forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes
- Understand and use the spoken forms of the target language, in a range of familiar and practical contexts, and for a variety of purposes > to communicate effectively in the target language through the written word, using a range of vocabulary and structures
- To communicate effectively in the target language through speaking, using a range of vocabulary and structures
- Develop a knowledge and understanding of the target language grammar and its practical application
- Develop a knowledge and understanding of countries and communities where the target language is spoken
- Develop positive attitudes towards modern foreign language learning

History

Course Summary

The Pearson Edexcel International GCSE in History consists of two mandatory papers. It is a linear qualification and all papers must be taken at the end of the course of study.

Specification Content

Paper 1: Depth Studies

- 60 marks
- 50% of the total International GCSE

Assessment is through a 1 hour 30-minute examination paper set and marked by Pearson.

Content summary

Students will study the following:

- Germany: development of dictatorship, 1918–45
- A world divided: superpower relations, 1943–72

Paper 2: Investigation and Breadth Studies

- 60 marks
- 50% of the total International GCSE

Assessment is through a 1 hour 30-minute examination paper set and marked by Pearson.

History

Content summary

Students will study the following:

- The origins and course of the First World War, 1905–18
- Changes in medicine, c1848–c1948

Why is History a good option to study at IGCSE level?

The qualification enables students to:

- Develop and extend their knowledge and understanding of specified key events, periods, and societies in history, and of the wide diversity of human experience
- Engage in historical enquiry to develop as independent learners and as critical and reflective thinkers develop the ability to ask relevant questions about the past, to investigate issues critically and to make valid historical claims by using a range of sources in their historical context
- Develop an awareness that different people, events, and developments have been accorded historical significance and how and why different interpretations have been constructed about them
- Organise and communicate their historical knowledge and understanding in different ways and reach substantiated conclusions

Mathematics

Course Summary

The Pearson Edexcel International GCSE in Mathematics (Specification A) is a linear qualification. The content is relevant, engaging and up to date. The course provides a solid basis for students wishing to progress to AS and Advanced GCE Level, or equivalent qualifications.

Specification Content

Students will complete two examination papers in June 2021. Each paper is 50% of the total International GCSE. Students will be required to demonstrate application and understanding of the following:

- Number – Use numerical skills in a purely mathematical way and in real-life situations
- Algebra – 1 Use letters as equivalent to numbers and as variables 2 Understand the distinction between expressions, equations and formulae 3 Use algebra to set up and solve problems 4 Demonstrate manipulative skills 5 Construct and use graphs
- Geometry – 1 Use properties of angles 2 Understand a range of transformations 3 Work within the metric system 4 Understand ideas of space and shape 5 Use ruler, compasses and protractor appropriately
- Statistics – 1 Understand basic ideas of statistical averages 2 Use a range of statistical techniques 3 Use basic ideas of probability

Assessment

Each paper is assessed through a 2-hour examination set and marked by Pearson. The total number of marks for each paper is 100.

Mathematics

Knowledge and skills you will develop on the course

The qualification enables students to:

- Acquire a foundation of mathematical skills for further study in the subject or related areas
- Enjoy using and applying
- Mathematical techniques and concepts, and become confident in using mathematics to solve problems
- Appreciate the importance of mathematics in society, employment and study

Further Mathematics

The Pearson Edexcel International GCSE in Further Pure Mathematics is a linear qualification. It consists of two examinations available at Higher Tier only.

Both examinations must be taken in the same series at the end of the course of study. It is relevant and engaging, emphasising the importance of Further Pure Mathematics at International GCSE Level.

The course is constructed to extend knowledge of the Further Pure Mathematics topics in the specifications for the Pearson Edexcel International GCSE in Mathematics. The qualification provides a solid basis for students wishing to progress to Advanced GCE Level, or equivalent qualifications.

Physics

Course Summary

The Pearson Edexcel International GCSE in Physics comprises two externally-assessed papers:

- Physics Paper 1
- Physics Paper 2

You will study the practical nature of physics, alongside the theoretical, learning to form hypotheses and conduct experiments. You will learn to evaluate, in terms of scientific knowledge, the merits and drawbacks of scientific and technological developments.

Specification Content

Physics Paper 1

- 110 marks
- 61.1% of the total International GCSE

The paper is assessed through a 2-hour written examination paper set and marked by Pearson. There will be a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Questions may come from any topic area across the specification: 1 Forces and motion 2 Electricity 3 Waves 4 Energy resources and energy transfers 5 Solids, liquids, and gases 6 Magnetism and electromagnetism 7 Radioactivity and particles 8 Astrophysics

Physics

Physics Paper 2

- 70 marks
- 38.9 % of the total International GCSE

The paper is assessed through a 1-hour and 15-minute written examination paper set and marked by Pearson. There will be a mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions.

Questions may come from any topic area across the specification: 1 Forces and motion 2 Electricity 3 Waves 4 Energy resources and energy transfers 5 Solids, liquids, and gases 6 Magnetism and electromagnetism 7 Radioactivity and particles 8 Astrophysics

Knowledge and skills you will develop on the course

The qualification enables students to:

- Learn about unifying patterns and themes in physics and use them in new and changing situations
- Evaluate physical information, making judgements based on this information
- Appreciate the practical nature of physics, developing experimental and investigative skills based on correct and safe laboratory techniques
- Analyse, interpret and evaluate data and experimental methods, drawing conclusions that are consistent with evidence from experimental activities and suggesting possible improvements and further investigations
- Select, organise, and present relevant information clearly and logically using appropriate vocabulary, definitions, and conventions
- Develop a logical approach to problem solving in a wider context
- Prepare for more advanced courses in physics and for other courses that require knowledge of physics

Two Year GCSE

From September 2022 we will be running a two year GCSE course.

Key Facts

Age: 14 at time of enrolment

Course Length: 2 years

Course Start: September

Entry requirements: Successful performance in college entry tests (English, Maths) plus GL assessment and interview

English Language requirement: IELTS 5.0

Other requirements: School report, passport and birth certificate

Application process: Complete registration form and send to admissions@ccoex.com. The registration fee of £250 for international students or £180 for UK students should be paid by credit card using the following online link:

<https://www.flywire.com/pay.ccoexdeposit/> or by bank transfer:

Bank Name - HSBC, 60 Queen Victoria St, London EC4N 4TR. Account name: CSFC Ltd.

Bank Account no: 80437581

Sort Code: 401160. BIC: MIDLGB22, IBAN No: GB79HBUK40116080437581.

Subjects

Students will study 11 subjects from the following list:

Core Subjects	Supporting Core Subjects	Options	Non-GCSE
English	English Literature	Business Studies	Assemblies
Mathematics	Additional Maths	ICT/Computer Science	PSE
Physics	Own language, French or German	Art	PE
Chemistry		History	
Biology		Geography	



All students will study English, Mathematics, Physics, Chemistry, Biology, English Literature, Additional Maths and either their own language, French or German.

In addition, students will choose up to three subjects taken from Business Studies, ICT/Computer Science, Art, History and Geography.

Other timetabled sessions will include Personal and Social Education, Physical Education and assemblies.

Cardiff Sixth Form College uses both GCSE and IGCSE exam boards for our GCSE examinations.

Enrichment and Competitions

There is a wide variety of academic and enrichment trips organised for our GCSE students to help bring the curriculum to life. These include Go Ape, Big Pit, St Fagans, Bristol Zoo, Wales National Velodrome, We The Curious and the Adventure Rooms.

There are many opportunities for our students to take part in competitions including the English Speaking Union public speaking competitions, Maths Inspiration, Maths Kangaroo and Olympiads, Shakespeare Monologues, Poetry Together, Model United Nations Climate Change Conference, UK University and Apprenticeship Fair and SkillsCymru Exhibition.

Boarding and Facilities

A newly-refurbished boarding house, designed specifically for under 16 students, will give every student a single or twin bedroom, communal common room and kitchens. The House is fully supervised by House Parents and Assistants, who will look after the students' pastoral needs, provide a mentoring programme and supervise homework. There are also study spaces available in the main school as well as a library and computer suite where students can self-study as well as GCSE common rooms for students to get together during break-times.



Super-Curricular Activities

The College offers a wide range of competitions, trips, events, clubs and activities which range from the College's popular GLEE club and art club to football and netball teams. All students are given membership of a gym and take part in sports such as badminton, basketball, volleyball, tennis, yoga, Pilates and dance as well as swimming. We run dance classes and drama workshops, host cookery classes and for those interested in sport, have toured the National Stadium, seen Wales v Tonga international rugby competition, toured the Principality Stadium.

For those wanting to take part in the Duke of Edinburgh programme, training will take place during weekends and after school and for musical students we provide a college music room where students practice and make music together as well as the opportunity for private music lessons. Students can also join the debating and Model United Nations societies, take part in the Young Enterprise Scheme and the NASA Space Settlement Design Competition.

House and Whole School Events

All students will be part of a House and take part in House events such as house debating, house sport, house cookery, house photography and house music. There are also major whole-school events such as the Cultural Event, Sports Day, Eisteddfod and GLEE theatre production held every year, as well as social events including Halloween parties, Christmas and Chinese New Year celebrations.

Progression

All students who want to continue to do their A Levels at Cardiff Sixth Form will be expected to meet the standard A Level entrance requirements for progression and generally around three-quarters of our students progress every year onto our A Level programme. However, Dukes Education, which owns Cardiff Sixth Form College, also owns four further top quality Colleges: Rochester Independent College; Earlscliffe, St Andrews, Cambridge and Fine Arts College where, should they not meet the high entry requirements for Cardiff, students will be offered a place at one of the other colleges.

A Levels

Students at Cardiff Sixth Form College study four A Level subjects as our students are aiming for top universities where competition is strong. We offer academic subjects and have a focused approach to A Levels, the internationally respected standard for school-leaving qualifications.

Key Facts

Age: 16-18 at time of enrolment

Course length: 2 years

Course start: September

Entry requirements: Successful performance in college entry tests (Four subjects taken of the student's choice) plus GL assessment

English Language requirement: IELTS 6.5

Other requirements: School report, passport and birth certificate

Application process: Complete registration form and send to admissions@ccoex.com. The registration fee of £250 for international students or £180 for UK students should be paid by credit card using the following online link:

<https://www.flywire.com/pay.ccoexdeposit/> or by bank transfer:

Bank Name - HSBC, 60 Queen Victoria St, London EC4N 4TR. Account name: CSFC Ltd.

Bank Account no: 80437581

Sort Code: 401160. BIC: MIDLGB22, IBAN No: GB79HBUK40116080437581.

Students will study four subjects

Subjects

Art	French	History
Biology	Further Mathematics	Mathematics
Chemistry	Geography	Physics
Economics	German	Psychology
English Literature	Government and Politics	



ART & DESIGN



Exam Board: Welsh Joint Education Committee (WJEC)

Qualification number: AS: 601/5347/7 A2: 601/5290/4

Staff: Liz Ryan

AS Level: **Unit 1** Personal Creative Enquiry. This unit consists of an extended, exploratory project/portfolio and outcome/s based on themes and subject matter which are personal and meaningful to the learner. The enquiry must integrate critical, practical and theoretical work. Students explore and develop skills in a range of media, techniques and processes in response to the set theme. Drawing forms an important element of the course as a way of recording from both direct observation and to generate and communicate ideas effectively. The critical and contextual component of the course incorporates study skills alongside research and analysis skills which underpin the practical element of the course meaning that there is also a written element to the course.

AS Level: Non-exam assessment 40% of A level qualification (100% of AS qualification).

A2 Level: **Unit 2** Personal Investigation. This unit consists of a major, in-depth, personal, practical, critical and theoretical investigative project or theme-based portfolio and outcome/s with integrated extended written critical and contextual analysis. This unit should enable learners to effectively consolidate and extend their foundation of core skills built during the AS course and encourage in-depth, specialist-related learning, knowledge, contextualisation skills and critical thinking.

A2 Level: Non-exam assessment 36% of qualification.

A2 Level: **Unit 3** Externally Set Assignment. In this unit learners are required to develop independently a personal response to one of a varied range of stimuli within specified time constraints. Learners must therefore bring together the best of their understanding, knowledge and skills built up over their course of study and demonstrate their highest achievement through this externally set assignment. It could be either a personal response, an issue to be addressed or a response to a specific design brief.



ART & DESIGN

What do I need to know or be able to do before taking Art & Design in the Sixth Form?

Students may have studied an Art or Design related GCSE or equivalent, however this is not compulsory. An interest in Art and Design is essential with an ability to be able to draw. Due to the written element a B grade (or equivalent) in English Language GCSE is necessary.

What will I learn?

The WJEC AS and A level in Art & Design encourages learners to:

- Develop their intellectual, imaginative, creative and expressive skills
- Develop a range of practical skills in a variety of media
- Encourage aesthetic understanding and critical judgement
- Promote independent thinking and interpretation of ideas
- Increase awareness of historical and contemporary art & design context
- Extend knowledge of different cultural & political influences on art, design and society

What kind of student is the course suitable for?

- Students who are interested in how artists and designers have impacted society both historically and in contemporary society & how they have produced art in response to events happening in society
- Students who have an interest in careers within Art or Design for example architecture or design related careers ranging from art history and curation to working in museums or galleries to other practical art or design related careers

What could I go on to do at the end of my course?

Either a one year AS course or a two-year full A level in Art & Design will equip students with both the theoretical and design theory skills to apply successfully to an Architecture degree whilst also providing the practical work needed for the compulsory coursework portfolio required by the UCAS application system.

Further information on specification: www.wjec.co.uk/qualifications/art-and-design/



BIOLOGY

Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Natalie Goddard (Head of Biology)

Summary: A two year A Level course, examined at the end of Year 12 and Year 13

What do I need to know or be able to do before taking Biology?

You will need to get at least an A in both: Biology GCSE/ IGCSE and Chemistry GCSE/ IGCSE. Students will be expected to interpret and process results which will involve plotting graphs and the use of statistical analysis and therefore it is desirable for students to have achieved a grade A or above in Mathematics GCSE/ IGCSE.

What will I learn?

Students will be able to:

- Acquire an in-depth knowledge of the Biological world and gain an appreciation of its significance
- Develop a respect for all living things and an understanding of their interaction and functions
- Develop experimental skills including use of the microscope and slide preparation, dissection, chromatography and many biochemical procedures
- Develop an understanding of scientific method including controlling variables, statistical analysis and evaluation of results

WJEC Specification content:

- Unit 1 - Basic Biochemistry and Cell Organisation (including Nucleic acids and introductory Genetics)
- Unit 2 - Biodiversity and Physiology of Body Systems (including gas exchange and circulatory systems)
- Unit 3 - Energy, Homeostasis and the Environment (including the Nervous System and Kidney function)
- Unit 4 - Variation, Inheritance and Immunology (including application of reproduction and genetics)
- Unit 5 - Practical Examination (including investigation, analysis and evaluation of experimental data)



BIOLOGY

What examinations will I have to take?

There are two theory examination papers at the end of the first AS year (Units 1 and Units 2) and two theory examination papers at the end of second A2 year (Units 3 and Units 4). These may involve structured questions, problem solving, application of knowledge, calculations and extended writing questions.

- Unit 1 - First AS year - 80 marks -1 hours 30 minutes - 20% of qualification
- Unit 2 - First AS year - 80 marks -1 hours 30 minutes - 20% of qualification
- Unit 3 -Second A2 year - 90 marks -2 hours - 25% of qualification
- Unit 4 -Second A2 year - 90 marks -2 hours - 25% of qualification
- Unit 5 - Practical Exam - Second A2 year - 50 marks (Experimental Task 20 marks; Practical analysis Task 30 marks) -10% of qualification

Unit 5 Practical exams are assessed externally where a student will be assessed on their practical skills in an experimental task and also their written skills within an exam paper which can include such things as graphs, statistical analysis of data and evaluation of various techniques.

Field Trip

As an integral part of the course, we take students out on a fieldtrip for up to four days at the beginning of their second A2 year. This is so students can learn critical ecological practical skills which they cannot be taught within the classroom and enable them to apply key statistical analysis whilst interacting and experiencing first-hand key ecological interactions.

What could I go on to do at the end of my course?

- Follow a degree course in Biology, Biochemistry, Zoology, Microbiology, Marine Biology, Plant Science, Genetics, Medicine, Dentistry, Nursing, Agriculture and Forestry, Psychology, Pharmacy etc.
- Biology as a science discipline is a useful addition to the list of subjects read predominately by Arts or Humanities based students. It demonstrates the ability to think logically and to present or evaluate data



CHEMISTRY

Examination Board: Welsh Joint Examination Board (W.J.E.C.)

Staff: Martin Madden (Head of Chemistry)

Summary: A two-year Advanced Level course examined at the end of Year 12 and Year 13

What do I need to know or be able to do before taking Chemistry?

The specification builds on the knowledge, understanding and skills set out in the WJEC GCSE criteria/content for Science. Skills in Numeracy/Mathematics, Literacy/English and Information Communication Technology will provide a good basis for progression to this qualification. Students will be expected to be able to process and analyse the results of experimental work which will include graph plotting and numerical manipulation.

What will I learn?

- Acquire a body of chemical knowledge and an appreciation of its significance
- Use theories, models and ideas to develop scientific explanations
- Use knowledge and understanding to pose scientific questions, define scientific problems, present scientific arguments and scientific ideas
- Use appropriate methodology, to answer scientific questions and solve scientific problems
- Practical work is an intrinsic part of this specification. It is vitally important in developing a conceptual understanding of many topics and it enhances the experience and enjoyment of chemistry. The practical skills developed are also fundamentally important to learners going on to further study in Chemistry and related subjects, and are transferable to many careers.

Specification Content:

AS **UNIT 1:** The Language of Chemistry, Structure of Matter and Simple Reactions

AS **UNIT 2:** Energy, Kinetics and Carbon Chemistry

AS **UNIT 3:** Physical and Inorganic Chemistry

AS **UNIT 4:** Organic Chemistry and Analysis

AS **UNIT 5:** Practical Chemistry



CHEMISTRY

What examinations will I Have to take to get my qualification?

The specification is divided into a total of 5 units: 2 AS units and 3 A2 units. Weightings noted below are expressed in terms of the full A level qualification.

AS (2 Units)

Unit 1 Written Examination: 1 hour 30 minutes (80 marks)

20% of qualification

Unit 2 Written Examination: 1 hour 30 minutes (80 marks)

20% of qualification

A2 (3 Units)

Unit 3 Written Examination: 1 hour 45 minutes (80 marks)

25% of qualification

Unit 4 Written Examination: 1 hour 45 minutes (80 marks)

25% of qualification

Unit 5 Practical Examination: 60 marks

10% of qualification.

What could I go on to do at the end of my course?

A Level Chemistry provides the required foundation for the study of Chemistry in Higher Education, including Chemistry at degree level and in related areas such as Medicine, Biochemistry, Veterinary Science, Pharmacy, Material Science, Metallurgy, Dentistry and Chemical Engineering.

The course also allows students to develop knowledge and an array of transferable skills essential for direct entry into employment in many Chemistry related and other scientific and non-scientific fields.



ECONOMICS

Exam Board: Welsh Joint Education Committee (WJEC) Staff:

Staff: Philip Eedy (Head of Humanities)

Summary of Course: A modular two year course with 2 units examined at the end of Year 12 and 2 units examined at the end of Year 13

What do I need to know or be able to do before taking Economics?

There is no requirement to have studied Economics before but students are expected to have at least an A grade in Mathematics GCSE and a B grade (or equivalent) in English Language GCSE. The examination papers are designed to test the interpretation and explanation of economic theories in the context of numeracy and written skills.

The WJEC AS and A level in Economics encourages learners to:

- Appreciate the contribution of Economics to the understanding of the wider economic and social environment
- Develop an understanding of a range of concepts and an ability to use those concepts in a variety of different contexts
- Use an enquiring, critical and thoughtful approach to the study of economics and develop an ability to think as an economist
- Develop analytical and quantitative skills, together with qualities and attitudes which will equip them for the challenges, opportunities and responsibilities of adult and working life

Main Topic themes will include:

- Markets - the concept of Demand and Supply
- Market Failure
- Macro-Economic Policy- Fiscal & Monetary Policy
- International Trade and Exchange Rates
- Market Structures
- Macro-Economic Objectives - Employment, Inflation, Economic Growth
- International Institutions, Globalisation and Development Economics



ECONOMICS



Specification Content:

The subject content for AS Economics will be assessed across two examination papers.

Unit 1: Introduction to Economic Principles

Written examination: 1 hour 15 minutes

15% of A Level qualification (37.5% of AS qualification)

Unit 2: Economics in Action

Written examination: 2 hours

25% of A Level qualification (62.5% of AS qualification)

The full A Level comprises the AS and the A2 units. In assessing the full A level it will be assumed that learners can draw upon their knowledge and understanding of the AS content.

Unit 3: Exploring Economic Behaviour

Written examination: 2 hours

30% of qualification

Unit 4: Evaluating Economic Models and Policies

Written examination: 2 hours 30 minutes

30% of qualification

What kind of student is the course suitable for?

- Students who have an interest in current affairs
- Students who enjoy relating theory to real world situations
- Students who are interested in how different economies function
- Students who have an interest in careers within financial services and government based economic agencies
- Students who want to use economics to support other qualifications such as maths, Sciences, Government and Politics, Geography, History and Psychology

What could I go on to do at the end of my course?

A Level Economics is highly regarded amongst academic circles as well as in employment. The full A Level in Economics provides the basis for students who wish to proceed to Higher Education to study Law, Business Management, Marketing, Accountancy, Finance and Banking.

Further information on specification and examination papers

<http://www.wjec.co.uk/qualifications/economics/r-economics-gce-as-a/>



ENGLISH LITERATURE



Staff: Rebecca Brookes (Head of English and Modern Foreign Languages)

This is a two year modular WJEC A Level course, with two units studied at AS Level and a further three units for the second year.

Prior Knowledge:

It is recommended that you have achieved at least a grade A or 6 in English Language GCSE / iGCSE and / or a level 7 in the writing component of IELTS (or equivalent), however all applicants will be viewed on an individual basis.

English Literature students are enquiring and open-minded individuals. You should enjoy reading a wide range of literary texts and forms, which will be developed into a comprehensive awareness of the English literary canon over your two years of study here.

English encourages the discussion and articulation of ideas, working in small seminar-style lessons you will develop excellent oral skills. Students enjoy debate and can justify their own readings of texts as well as being able to evaluate a wide range of critical responses.

The heart of your literary studies will involve the development of close analytical skills; attention to detail, evidencing your ideas and applying literary terms and concepts will become second nature to you.

English Literature also overlaps with many other curriculum subjects: our exploration of contextual influences invariably touches on aspects of History, Politics, Philosophy, Sociology, Psychology and Geography. We even find knowledge of mathematical patterns, chemical elements, planetary forces and ecology influencing writers and their texts. Studying literature will foster free-thinking and your ability to draw connections across diverse concepts.

Most importantly, the subject builds your competence as a writer. There is extensive teaching of essay style and form, ranging from short timed analytical pieces to extended coursework studies. Within lessons, there is also the opportunity to write creatively and our students participate in external essay, journalistic and creative writing competitions – often successfully!

We seek to enrich classroom studies through extra-curricular learning: our students have recently attended a lecture series with leading university personnel on Jane Eyre, watched Dr Faustus at the Wanamaker

Theatre, visited The Globe Theatre exhibition and participated in a National Theatre sixth-form conference on the highly acclaimed 2019 production of Antony and Cleopatra. Future enrichment plans include .



ENGLISH LITERATURE



creative writing retreats with the Arvon Foundation, Royal Shakespeare Theatre productions in Stratford-Upon-Avon and the Hay Literature Festival

How will English Literature benefit you?

English Literature is a highly regarded facilitating subject amongst the elite Russell Group universities, including Cambridge, which combines well with all subjects taught at Cardiff Sixth Form College. The skills you will develop through your Literature course are much sought after in a broad spectrum of careers from doctors to lawyers, consultants to academics, politicians to engineers.

Course Outline:

AS Level

Unit 1: Prose and Drama (closed-book) - Two hour examination

Section A: Prose fiction pre-1900

Extract and essay question based on the reading of

Charlotte Brontë: *Jane Eyre* (Penguin Classics) (9780141441146)

Section B: Drama

One question from a choice of two based on the reading of

Tennessee Williams: *A Streetcar Named Desire* (Penguin) (9780141190273) or Christopher Marlowe: *Doctor Faustus* (Longman) (9780582254091)

Unit 2: Poetry Post-1900 (open-book, clean copy) - Two hour examination

Analysis of a prescribed poem in close detail and comparison of poems from both poets

Ted Hughes: *Poems selected by Simon Armitage* (Faber) (9780571222957)

(prescribed section: all poems up to and including page 68) &

Sylvia Plath: *Poems selected by Ted Hughes* (Faber) (9780571222971)

A2 (second year)

Unit 3: Poetry pre-1900 and Unseen Poetry - Two hour examination

Section A: Poetry pre-1900 (open-book, clean copy)

Analysis of an extract from the text and a short essay

John Milton: *Paradise Lost Book IX* (Oxford) (9780198326007)

Section B: Unseen Poetry

Comparative essay in response to previously unseen poems

Unit 4: Shakespeare (closed-book) - Two hour examination

Close analysis of extract from the play, in addition to a literary essay

William Shakespeare: *Antony and Cleopatra*

Unit 5: Non Examination Assessment

You will produce an extended comparative essay (2,500-3,500 words) in response to two prose texts of your choice, one written before 2000 and one after 2000.



EXTENDED PROJECT QUALIFICATION



Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Rebecca Brookes (Head of English and Modern Foreign Languages)

What is the EPQ (Extended Project Qualification)?

It is a 5,000-word academic dissertation that you write over the year, focusing on an evaluative topic of your choice. It is accompanied by a series of forms which evidence your process of writing the EPQ, with a strong focus on self-reflection, achievements and how you have overcome challenges.

What skills am I developing by choosing an EPQ?

Independent thinking, critical evaluation, research, analysis, essay writing techniques, self-reflection, tracking your own progress, time management, presentation, developing an interest in a subject that goes beyond a syllabus or curriculum.

Can any student at Cardiff Sixth Form College do an EPQ?

If you are doing well in your main subjects, and are strong at English, then this course could be an excellent choice, enhancing and developing your skill set.

If I choose to do the EPQ am I committed?

Initially, you can give the EPQ a go, and try to complete as much of the research as you can by or around Christmas. You have until March to decide before you are enrolled.

How much work is involved in an EPQ?

Outside the teaching guided hours (actual classes) of around 45 in the year, you would be expected to commit to approximately 75 hours of independent research and writing in order to successfully complete the EPQ.

What does the EPQ look like on the timetable?

You will have a 45 minute lesson of input, and there will also be regular tutorials focussed on your own EPQ journey regarding research and development of your analysis and evaluation. The teacher acts as a facilitator, promoting your autonomy, respecting your choices, and guiding your ability to think for yourselves both creatively and critically.



EXTENDED PROJECT QUALIFICATION



What makes an effective EPQ dissertation?

We would recommend that you choose an evaluative, debatable topic that is directly linked to your university subject choice, and goes beyond your current syllabus. This clearly demonstrates your passion for your subject without needing to use cliched expressions like 'passion' on your personal statement. So, think super-curricular when it comes to creating an appropriate EPQ dissertation question. Topics that have come up this year have been exciting, diverse and at a high challenge level, which we would expect and hope for. Examples include themes around anti-corruption legislations, terrorism vs extremism, the possibility of cryonics, viable forms of jet engines, too-big-to-fail banks, organ donations, global warming, Alzheimers and end-of-life care, experimental cures, the economics of migration, funding scientific research.

How could an EPQ help me get a place at university?

This is what some universities say about the EPQ:

Oxford University: "Where applicants have undertaken the Extended Project (EP), the University will not make this a condition for an offer but recognises that the EP will provide an applicant with the opportunity to develop research and academic skills relevant for study at Oxford. Candidates are encouraged to draw upon their experience of undertaking the project when writing their personal statement, particularly if the topic is allied to their chosen degree course."

UCL: "UCL welcomes the introduction of the Extended Project into the curriculum, recognising that it will develop many of the skills necessary for successful study at university."

Cambridge: "We welcome the introduction of the Extended Project and would encourage you to undertake one as it will help you develop independent study and research skills and ease the transition from school/college to higher education."



FRENCH

Exam board:	Welsh Joint Education Committee (WJEC)
Staff:	Marie Nichols
Summary of course:	A modular two year course with 2 units examined at the end of year 12 and 3 units examined at the end of year 13

What do I need to know or be able to do before taking French in the sixth form?

This specification builds on the knowledge, understanding and skills established at GCSE.

What will I learn?

The WJEC AS and A level French encourages learners to:

- enhance their linguistic skills and promote and develop their capacity for critical thinking on the basis of their knowledge and understanding of the language, culture and society of the countries or communities where the language is spoken
- develop control of the language system to convey meaning, using spoken and written skills, including an extended range of vocabulary, for both practical and intellectual purposes as increasingly confident, accurate and independent users of the language
- develop their ability to interact effectively with users of the language in speech and in writing, including through online media
- develop language learning skills and strategies, including communication strategies to sustain communication and build fluency and confidence
- engage critically with intellectually stimulating texts, films and other materials in the original language, developing an appreciation of sophisticated and creative uses of the language and understanding them within their cultural and social context

- develop knowledge about matters central to the society and culture, past and present, of the countries or communities where the language is spoken
- equip themselves with transferable skills such as autonomy, resourcefulness, creativity, critical thinking, and linguistic, cultural and cognitive flexibility that will enable them to proceed to further study or to employment

Main topic themes will include:

At AS

- Family structures, traditional and modern values, friendships/relationships
- Youth trends, issues and personal identities
- Educational and employment opportunities
- Regional culture and heritage in France, French-speaking countries and communities
- Literature, film, art and music in the French-speaking world
- Study of a film
-

At A2

- Migration and integration
- Cultural identity and marginalisation
- Discrimination and diversity
- France 1940- 1950 (life in occupied France, liberation, end of World War II, repercussions for modern day France)
- Study of a literary text

Specification content:

The subject content for AS French will be assessed across two examinations:

Unit 1: Speaking

Arguing a point of view and discussion based on 2 stimulus cards: 15 minutes (plus 15 minutes preparation time)

12% of A level qualification

Unit 2: Listening, reading, translation and critical response in writing (essay on film studied)

Written examination: 2 hours 30 minutes

28% of A level qualification

The subject content for A level French will be assessed across 3 examinations:

Unit 3: Speaking

Presentation and discussion on independent research project: 11-12 minutes

18% of qualification

Unit 4: Listening, reading and translation

Written examination: 1 hour 45 minutes

30% of qualification

Unit 5: Critical and analytical response in writing (essay on the literary work studied)

Written examination: 1 hour 15 minutes

12% of qualification

What kind of students is the course suitable for?

- Students who are interested in developing their linguistic knowledge and cultural understanding of France and other countries where French is spoken
- Students who want to enhance their cultural appreciation and gain a greater awareness of intercultural differences
- Students who want to build their communication, interpersonal, intercultural and public speaking skills
- Students who are interested in a career involving translation or communication with people from French speaking countries. This can include careers in tourism, government, politics, media, publishing and journalism.

What could I go on to do at the end of my course?

The full A level in French is a subject that is favoured by top universities for a whole range of courses and provides the basis for students who wish to study towards a degree in French or who wish to study a combined degree and study French alongside Politics and International Relations, Business Studies, History, Sociology, Law, English or Philosophy.

For further information on specification and examination papers:

www.wjec.co.uk/qualifications/french/r-french-gce-asa-from-2016



FURTHER MATHEMATICS

Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Stephanie Richards (Head of Mathematics)

All teaching staff are qualified Mathematics teachers with many years of experience, including work as Heads of Department and examiners.

Summary: A two year A Level course, examined at the end of Year 13

What do I need to know before taking Further Maths at A Level?

You will need to get at least an A (preferably an A*) in Mathematics GCSE (or equivalent). Having strong basic algebraic and numerical manipulation skills (factorising, dealing with fractions, solving equations) is **ESSENTIAL**. Effective communication in English will also be required. You will require a Casio FX991EX Classwiz Advanced Scientific Calculator for this course.

What will I learn?

Further Maths is a highly valued, prestigious and demanding qualification. There is an emphasis in the specification on not just learning the abstract concepts in Mathematics, but their application in real life situations too.

Students will be able to:

- Develop the ability to reason logically
- Extend their range of mathematical skills and techniques and use them in more difficult, unstructured problems
- Recognise how a situation may be represented mathematically and understand the relationship between 'real world' problems and standard and other mathematical models

What kind of student is the course suitable for?

- Students who have a sound approach to individual learning, are motivated and are willing to work hard, as the course is fast paced and challenging
- Students who are planning to study a university course where Further Mathematics is required
- Please be aware that students who wish to study Medicine at university will be advised not to study Further Mathematics



FURTHER MATHEMATICS

Specification content:

Year 1:

- Mathematics Unit 1- Pure A (algebra, coordinate geometry, vectors, calculus, trigonometry, logarithms)
- Mathematics Unit 2- Applied Mathematics A
Statistics: discrete distributions, statistical sampling and data presentation, probability.
Mechanics: kinematics, forces, and Newton's Laws.
- Mathematics Unit 3- Pure B (calculus, trigonometry, algebra, numerical methods, functions, sequences and series)
- FM Unit 1 – Pure A (Proof; Complex Numbers; Matrices; Further Algebra and Functions and Further Vectors)

Year 2:

- Mathematics Unit 4*- Applied Maths B. Statistics: hypothesis testing, continuous and discrete distributions. Mechanics: kinematics, non-perpendicular forces, differential equations.
- FM Unit 2- Further Statistics A (Random Variables and the Poisson Process and exploring relationships between variables and goodness of fit of a model)
- FM Unit 3: Further Mechanics A (Momentum and Impulse; Hooke's Law, Work, Energy and Power; Circular Motion and Differentiation and Integration of Vectors)
- FM Unit 4: Pure B (Complex Numbers; Further Trigonometry; Matrices; Further Algebra and Functions; Further Calculus; Polar Coordinates; Hyperbolic functions and Differential equations)
EITHER
- FM Unit 5: Further Statistics B (Samples and Populations; Statistical Distributions; Hypothesis Testing and Estimation) OR
- FM Unit 6: Further Mechanics B (Rectilinear motion; Momentum and Impulse; Moments and Centre of Mass; Equilibrium of Rigid Bodies and Differential Equations)

BMAT and entrance test preparation

For those undertaking BMAT or other entrance tests, support and preparation classes are provided once a week during the Autumn term for the Maths and logic parts of these exams.



GEOGRAPHY

Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Neil Davies (Head of GCSE and Geography)

Summary: A modular two-year course with 2 units examined at the end of Year 12 and 2 units examined at the end of Year 13. Students will also complete a coursework project as part of their Year 13 studies.

What do I need to know or be able to do before taking Geography?

You are not required to have studied Geography previously, but students are expected to have at least a B grade (or equivalent) in GCSE Mathematics and an A grade (or equivalent) in GCSE English Language.

What will I learn?

The WJEC AS and A Level in Geography encourages learners to:

- Study many issues, which are of contemporary, national and global importance
- Extend and develop their knowledge of a range of physical and human environments, at a variety of scales and levels of development
- Examine a range of engaging and diverse topics, such as plate tectonics, ocean systems, population and settlement change, contemporary geographical themes, research techniques and sustainable development
- Develop a wide range of transferable key skills. These include; Application of Number, Information Technology, Communication, Problem Solving, Working with Others and Improving Own Learning and Performance
- Appreciate different viewpoints and formulate reasoned opinions

Main themes will include:

- Coastal Landscapes
- Tectonic Hazards
- Population and Settlement
- Fieldwork skills (Students will participate in a residential fieldtrip)
- Water and Carbon Cycles
- Migration
- Globalisation
- Governance of Oceans
- 21st Century Challenges
- Energy
- Economic growth and challenge in India



GEOGRAPHY



Specification Content

The subject content for AS Geography will be assessed across two examination papers:

Unit 1: Changing Landscapes

Written examination: 2 hours

24% of A Level qualification

Section A = Coastal Landscapes Section B = Tectonic Hazards

Unit 2: Changing Places

Written examination: 1 hour 30 minutes

16% of A Level qualification

Section A = Population and Settlement Section B = Fieldwork Investigation

Unit 3: Global Systems and Global Governance

Written examination: 2 hours

24% of A Level qualification

Section A = Global Systems (Water and Carbon Cycles) Section B = Global Governance (Migration, Globalisation and Governance of Oceans) Section C = 21st Century Challenges

Unit 4: Contemporary Themes in Geography

Written examination: 2 hours

16% of A Level qualification

Section A = Tectonic hazards Section B = Four optional themes: TWO must be studied: Ecosystems, Economic Growth and Challenge: India or China or Sub-Saharan Africa, Energy Challenges and Dilemmas, Weather and Climate

Unit 5: Independent Investigation

Non-examination assessment - 3000 to 4000 words

One investigation based on fieldwork and secondary data

20% of A Level qualification

Geography leads to an excellent range of careers from planning sustainable cities to medicine. Students will develop a range of transferable skills (decision making, problem solving, critical thinking, working with others, handling data and report writing), which allow them to explore a wide range of employment opportunities.



GERMAN



Exam board:	Welsh Joint Education Committee (WJEC)
Staff:	Ewelina Kowalska
Summary of course:	A modular two year course with 2 units examined at the end of year 12 (AS level) and 3 units examined at the end of year 13 (A level)

What do I need to know or be able to do before taking German in the sixth form?

This specification builds on the knowledge, understanding and skills established at GCSE.

What will I learn?

The AS and A level in German provides an engaging and exciting opportunity for learners to build on their previous study of German. Through social, intellectual and cultural themes learners will be able to develop their linguistic knowledge and cultural understanding of the countries or communities where the language is spoken.

A strong focus is placed on building learners' confidence and fluency in spoken German using relevant and topical themes. The requirement to research an area of personal interest related to the country or countries where the language of study is spoken aims to enhance learners' cultural appreciation to gain a greater awareness of intercultural differences.

The AS and A level in German encourages learners to:

- enhance their linguistic skills and promote and develop their capacity for critical thinking on the basis of their knowledge and understanding of the language, culture and society of the countries or communities where the language is spoken
- develop control of the language system to convey meaning, using spoken and written skills, including an extended range of vocabulary, for both practical and intellectual purposes as increasingly confident, accurate and independent users of the language
- develop their ability to interact effectively with users of the language in speech and in writing, including through online media
- develop language learning skills and strategies, including communication strategies to sustain communication and build fluency and confidence
- engage critically with intellectually stimulating texts, films and other materials in the original language, developing an appreciation of sophisticated and creative uses of the language and understanding them within their cultural and social context
- develop knowledge about matters central to the society and culture, past and present, of the countries or communities where the language is spoken
- equip themselves with transferable skills such as autonomy, resourcefulness, creativity, critical thinking, and linguistic, cultural and cognitive flexibility that will enable them to proceed to further study or to employment

Main topic themes will include (AS level):

social issues and trends

political, intellectual and artistic culture.

Being a young person in German-speaking society

Family structures, traditional and modern values, friendships / relationships

Youth trends, issues and personal identity

Educational and employment opportunities

Understanding the German-speaking world

Regional culture and heritage in Germany

German-speaking countries and communities

Literature, art, film and music in the German- speaking world

Study of a film



GERMAN



(A level)

Diversity and difference
Migration and integration
Cultural identity and marginalisation
Cultural enrichment and celebrating difference
Discrimination and diversity
The Making of Modern Germany: 1989 onwards
Initial and subsequent process of reunification
Social cohesion in present-day Germany
Artistic and political movements
Economic impact of a united Germany
Study of a literary work

Specification content:

The subject content for AS German will be assessed across two examinations:

Unit 1: Speaking

Arguing a point of view and discussion based on 2 stimulus cards: 15 minutes (plus 15 minutes preparation time)

12% of A level qualification

Unit 2: Listening, reading, translation and critical response in writing (essay on film studied)

Written examination: 2 hours 30 minutes

28% of A level qualification

The subject content for A level German will be assessed across 3 examinations:

Unit 3: Speaking

Presentation and discussion on independent research project: 11-12 minutes

18% of qualification

Unit 4: Listening, reading and translation

Written examination: 1 hour 45 minutes

30% of qualification

Unit 5: Critical and analytical response in writing (essay on the literary work studied)

Written examination: 1 hour 15 minutes

12% of qualification

What kind of students is the course suitable for?

Students who are interested in developing their linguistic knowledge and cultural understanding of Germany and other countries where German is spoken

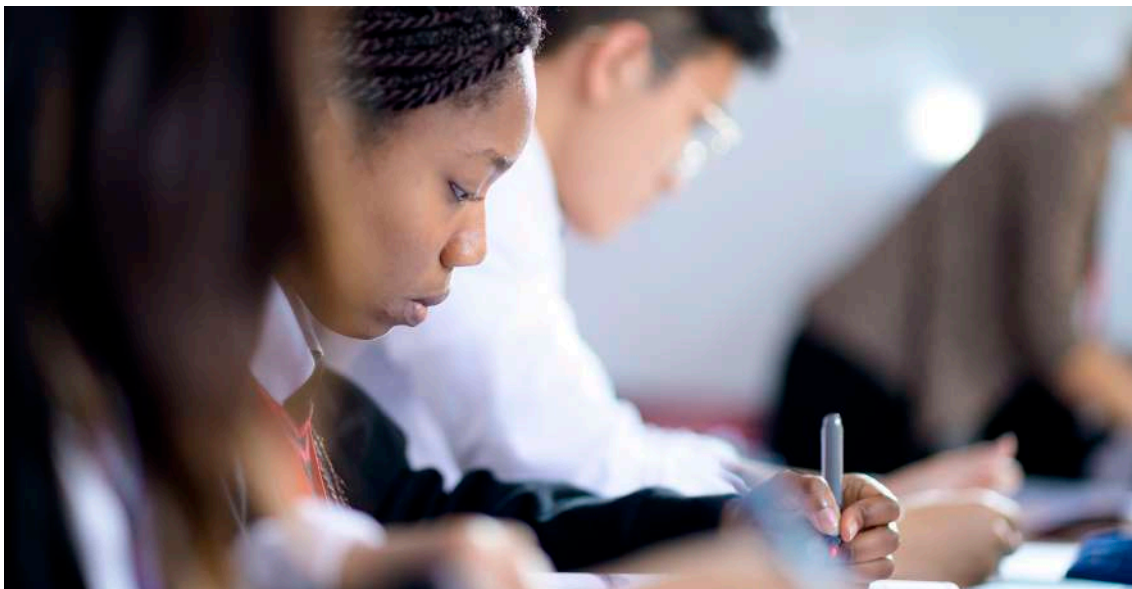
Students who want to enhance their cultural appreciation and gain a greater awareness of intercultural differences

Students who want to build their communication, interpersonal, intercultural and public speaking skills

Students who are interested in a career involving translation or communication with people from German speaking countries. This can include careers in tourism, government, politics, media, publishing and journalism.

What could I go on to do at the end of my course?

The full A level in German is a subject that is favoured by top universities for a whole range of courses and provides the basis for students who wish to study towards a degree in German or who wish to study a combined degree and study German alongside Politics and International Relations, Business Studies, History, Sociology, Law, English or Philosophy.



GOVERNMENT AND POLITICS



Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Kevin Morgan (Deputy Head of Humanities) and Alex Hughes

Summary of course: A modular course (two years) with two units examined at the end of Year 12 and two units examined at the end of Year 13.

What do I need to know or be able to do before taking Government and Politics? There is no requirement to have studied the subject before but students are expected to have at least an A grade or equivalent in English Language GCSE. The examination papers are designed to test knowledge and understanding of relevant institutions, processes, political concepts, theories and issues. In addition, they will require you to interpret and apply evidence to identify and explain relevant similarities. Essay questions test your analysis and evaluative skills; principally, your ability to construct arguments, make substantiated judgements and draw conclusions.

The WJEC AS and A level in Government and Politics encourages learners to develop:

- Knowledge and understanding of contemporary political structures and issues within Wales and United Kingdom (UK).
- Knowledge and understanding of broader global political structures and issues.
- Knowledge and understanding of the influences and interests which have an impact on decisions in government and politics.
- Knowledge and understanding of the rights and responsibilities of individuals and groups.
- An awareness of the changing nature of politics and the relationships between political ideas, institutions and processes.
- The ability to critically analyse, interpret and evaluate political information to form arguments and make judgments.
- An interest in, and engagement with, contemporary politics.



GOVERNMENT AND POLITICS



Assessment

AS Level Unit 1 – ‘Government in Wales and the United Kingdom’ (20%)

1 hour 30-minute examination. This unit serves as an introduction to how Wales and the UK is governed today. Through the study of the constitution; Welsh and UK Government; The Supreme Court and the EU, learners will be able to discuss, analyse and evaluate the key themes, issues and debates surrounding governance in Wales and the UK.

AS Level Unit 2 – ‘Living and participating in a democracy’ (20%) - 1 hour 30 minute examination. Unit 2 is an introduction to the concept of active citizenship; the rights and responsibilities of citizens, some of the ways in which citizens can participate in a democracy and the importance of citizen engagement.

A2 Level Unit 3 – ‘Political concepts and theories’ (30%) - 2 hour 30 minute examination. This module involves the study of political theories and their application. Learners will develop a critical knowledge and understanding of a range of ideological traditions: liberalism, conservatism, socialism, communism and nationalism, and their contemporary relevance.

A2 Level Unit 4 – ‘The government and politics of the USA’ (30%) - 2 hour 30 minute examination. Learners are introduced to the government and politics of the USA through an examination of three related themes: democracy in America, governance and participation.

What could I do at the end of my course?

Many students who have studied A Level Government and Politics go on to study the subject at university. From there you might become a researcher; join local or national government or even start the journey to becoming Prime Minister! There are other job options too. The course would be useful for students who wish to pursue a career in journalism or the media. Many graduates of government and politics also become teachers or work in the legal profession.



HISTORY

Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Kevin Morgan (Deputy Head of Humanities); Alex Hughes; Kyle Smith

Summary: A modular two year course with two units examined at the end of Year 12 and three units examined at the end of Year 13.

What do I need to know or be able to do before taking History?

There is no requirement to have studied history before but students are expected to have at least an A grade or equivalent in English Language GCSE. The examination papers are designed to test knowledge and understanding; analytical and evaluative skills; essay writing skills and the ability to research and undertake a piece of extended writing.

The WJEC AS and A level in History encourages learners to:

- Develop their interest in and enthusiasm for history and an understanding of its intrinsic value and significance.
- Acquire an understanding of different identities within society and an appreciation of aspects such as social, cultural, religious and ethnic diversity, as appropriate.
- Build on their understanding of the past through experiencing a broad and balanced course of study.
- Improve as effective and independent learners and as critical and reflective thinkers with curious and enquiring minds.
- Develop the ability to ask relevant and significant questions about the past and to research them.
- Acquire an understanding of the nature of historical study, for example, that history is concerned with judgements based on available evidence and that historical judgements are provisional.
- Develop their use and understanding of historical terms, concepts and skills make links and draw comparisons within and/or across different periods and aspects of the past.
- Organise and communicate their historical knowledge and understanding in different ways, arguing a case and reaching substantiated judgements.



HISTORY

Assessment

AS Unit 1 (Period Study) – ‘Politics, Protest and Reform in Wales and England, c.1780-1880’

Written examination: 1 hour 30 minutes

20% of qualification (50% at AS)

AS Unit 2 (Depth Study Part 1) – ‘Weimar and its Challenges, c.1918-1933’

Written examination: 1 hour 45 minutes

20% of qualification (50% at AS)

A2 Unit 3 (Breadth Study) – ‘The American Century, c.1890-1990’

Written examination: 1 hour 45 minutes

20% of qualification

A2 Unit 4 (Depth Study Part 2) – ‘Nazi Germany, c.1933-1945’

Written examination: 1 hour 45 minutes

20% of qualification

A2 Unit 5 (NEA)-Unit 5 is a non-examination assessment (NEA). Learners investigate an issue of historical debate through a study of different historical interpretations. This unit encourages learners to use a range of sources, both primary and contemporary to explain how and why different historical interpretations are formed. The issue chosen will allow learners to extend and enhance their understanding of aspects of the history studied in the broader parts of the specification or it can come from an area of history not studied elsewhere in the specification. However, the issue chosen must not duplicate the content of the depth studies chosen in Units 2 and 4.

20% of qualification

What could I do at the end of my course?

History can not only lead to a career in teaching but also in law, politics, journalism, the civil service, television or banking. As ‘The History Benchmarking Draft Report’ states, “Important abilities and qualities of mind are acquired through the study of history. They are particularly valuable for the graduate as they are readily transferable to many occupations and careers”.



MATHS



Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Stephanie Richards (Head of Mathematics)

Summary: A two year A Level course, examined at the end of Year 13

What do I need to know before taking Further Maths at A Level?

You will need to get at least an A in Mathematics GCSE (or equivalent). Effective communication in English will also be required. You will require a Casio FX991EX Classwiz Advanced Scientific Calculator for this course.

What will I learn?

There is an emphasis in the specification on not just learning the abstract concepts in Mathematics, but including their application in real life situations.

Students will be able to:

- Develop the ability to reason logically
- Extend their range of mathematical skills and techniques and use them in more difficult, unstructured problems
- Recognise how a situation may be represented mathematically and understand the relationship between 'real world' problems and standard and other mathematical models

What kind of student is the course suitable for?

- Students who enjoy solving mathematical problems
- Students who are planning a career in any subject that requires logical thinking and problem solving skills



MATHS

Specification content: Year 1:

- **Unit 1**- Pure A (algebra, coordinate geometry, vectors, calculus, trigonometry, logarithms)
- **Unit 2**- Applied Maths A

Statistics: discrete distributions, statistical sampling and data presentation, probability. Mechanics: kinematics, forces, and Newton's Laws

Year 2:

- **Unit 3**- Pure B (calculus, trigonometry, algebra, numerical methods, functions, sequences and series)
- **Unit 4**- Applied Maths B

Statistics: hypothesis testing, continuous and discrete distributions Mechanics: kinematics, non-perpendicular forces, differential equations

What could I go on to do at the end of my course?

Mathematics provides students with the ability to think logically and solve problems, which are highly valued skills in the work place. Those who study Mathematics can go on to study a variety of university courses, including: Economics; Accountancy; Computer Science; Medicine, Dentistry, Pharmacy; Physics; Natural Sciences and Law.

BMA T and entrance test preparation

For those undertaking BMAT or other entrance tests, support and preparation classes are provided once a week during the Autumn term for the Maths and logic parts of these exams.

UKMT and Team Challenge

All students will have the opportunity to sit the Senior Maths Challenge. Those who do well will be invited to sit the Senior Kangaroo or the British Olympiad paper. These challenging and stimulating papers allow students to delve further into mathematics and logical thinking, as well as getting a chance to gain certificates and awards if they do well.



PHYSICS



Exam Board: Welsh Joint Education Committee (WJEC)

Summary: A two year A Level course, examined at the end of Year 12 and Year 13

Staff: Alex Kampas (Head of Physics)

What do I need to know or be able to do before taking Physics?

You will need to get at least an A in Physics GCSE and at least an A in Mathematics GCSE. During the course students will need to have the ability to communicate effectively and a grade B or above is needed in English Language.

What will I learn?

Students will be able to:

- Acquire a body of physical knowledge and an appreciation of its significance
- Develop experimental skills including electrical meters, Geiger counters and oscilloscopes
- Develop an understanding of scientific method including controlling variables, statistical analysis and evaluation of results
- Gain an appreciation of the role of physics in a modern technological society and follow the latest developments in physical science

What kind of student is the course suitable for?

- Students who have an interest in the physical universe and mathematics
- Students who have an enquiring and critical nature
- Students who enjoy problem solving
- Students who are planning careers as engineers, pure scientists, pilots, financial analysts



PHYSICS

Specification content:

- **Unit 1** - Motion energy and matter (Kinematics, energy concepts, radiation and stars, particle physics)
- **Unit 2** -Electricity and light (DC circuits, waves and light, refraction, laser physics)
- **Unit 3** -Oscillations and nuclei (circular motion, simple harmonic motion, thermal physics and kinetic theory, nuclear decay and energy)
- **Unit 4** -Fields and options (capacitance, electric, gravitational and magnetic fields, orbits, electromagnetic induction. Plus ONE from: AC theory, Medical physics, Sports physics, energy and the environment)
- **Unit 5** -Development of Practical Skills in Physics

What examinations will I have to take to get my qualification?

- **Unit 1** Motion, energy and matter. 80 marks -1 hours 30 minutes 20% of full A Level
- **Unit 2** Electricity and Light. 80 marks -1 hours 30 minutes 20% of full A Level

The full A Level qualification requires the above plus 3 further units which include extended answers and a comprehension.

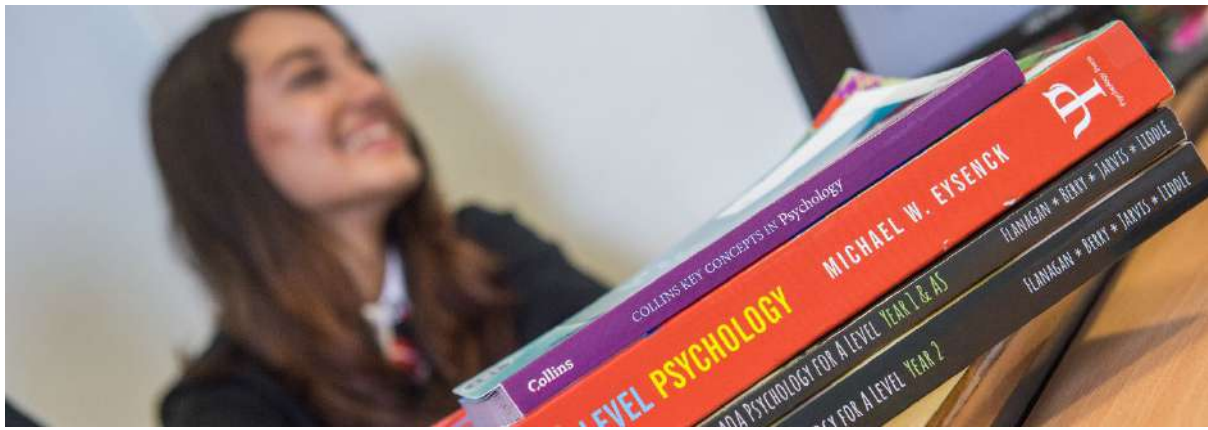
- **Unit 3** Oscillations and nuclei. 100 marks -2 hours 15 minutes 25% of full A Level
- **Unit 4** Fields and options. 100 marks -2 hours 25% of full A Level
- **Unit 5** Practical examination, which comprises an experimental task and a practical analysis 50 marks in total -10% of full A Level

What could I go on to do at the end of my course?

- Civil, mechanical, electrical, mining, chemical, biomedical, and many other Engineering degree courses. Also robotics, cybernetics, finance, computing and medical courses. Plus many others
- Physics is highly regarded by all the top universities and is a desirable subject to have studied in any numerate career

Departmental Trip

An optional annual trip is taken to the Large Hadron Collider at the CERN facility in Geneva Switzerland. An additional charge will be incurred for students wishing to participate.



PSYCHOLOGY



Exam Board: Welsh Joint Education Committee (WJEC)

Staff: Hannah Irvine-Jones

Summary of Course: A modular two year course with 2 units examined at the end of Year 12 and 2 units examined at the end of Year 13

What do I need to know or be able to do before taking Psychology?

There is no requirement to have studied Psychology before but students are expected to have at least an A grade in English Language GCSE (Or equivalent). The examination papers are designed to test the interpretation and explanation of psychological theories, therefore a high level of English language skills is required.

What will I learn?

Learners will be introduced to historical and current psychological approaches and classic and contemporary research. In addition there are opportunities to explore psychological controversies and debates. Learners will also study a variety of methods used by psychologists and will carry out their own investigations. Consideration of the ethical issues and implications of psychological endeavours will be emphasised in all aspects of the specification.

During the course the following units will be covered:

Unit 1 - Psychology: Past to Present

Written examination: 1 hour 30 minutes. 20% of qualification.

The purpose of this unit is to give a solid grounding in some of the basic core elements of Psychology. The intention therefore is to allow the learner, through the study of classic research, to gain an appreciation that Psychology continues to develop and evolve. Learners will be asked to gain knowledge and understanding of the five approaches (biological, psychodynamic, behaviourist, cognitive and positive).

Unit 2 - Psychology: Investigating Behaviour

Written examination: 1 hour 30 minutes. 20% of qualification.

The central aspect for this section is that of psychological research, from the initial planning stages through to the final stage of analysis and evaluation. It is designed to introduce learners to the methodologies used by psychologists in working scientifically and to gain an appreciation of the impact of choices made on the outcomes of the work and consequently the possible applications.



PSYCHOLOGY

A2 Psychology covers two modules: Implications in the Real World and Applied Research Methods.

Unit 3

Psychology: Implications in the Real World

Written examination: 2 hours 30 minutes

40% of A-Level qualification

Having learnt about the various psychological approaches in Unit 1, learners are expected to apply this knowledge and understanding to human and animal behaviours. Learners should be able to explain and draw conclusions about the possible causes of these behaviours and understand that Psychology has the potential to impact on society as a whole by developing methods of modifying behaviour. In addition, learners should explore five controversies that continue to pose challenges for Psychology. These controversies can be considered syn optically and draw on the content from the whole of the specification.

Unit 4

Psychology: Applied Research Methods

Written examination: 1 hour 30 minutes

20% of A-Level qualification

It is necessary for learners to know and understand the methodologies used in Psychology and be able to evaluate the strengths and weaknesses of these. To ensure true appreciation of these methodologies the learners are expected to gain first-hand experience of two research methods. Learners will be required to respond to questions concerning these investigations in the assessment. The second aspect of this component is for learners to apply their knowledge and understanding of research methods to novel research scenarios, making judgements on the details of psychological research.

What could I go on to do at the end of my course?

A Level Psychology is highly regarded amongst academic circles as well as in employment. The full A Level in Psychology provides the basis for students who wish to proceed to Higher Education to study Psychology, Criminology, Politics, Law, Business Management, Marketing, Journalism and HR.

Further information on specification and examination papers

<http://www.wjec.co.uk/qualifications/psychology/>

Critical Thinking

In addition to A Levels, all students undertake critical thinking classes on a weekly basis. This aims to take students beyond the syllabus, to explore new ideas and to foster discursive skills - ideal preparation for Russell Group university interviews.

Extended Project Qualification

Students are also encouraged to undertake an Extended Project Qualification or EPQ. The EPQ is a free-standing qualification, worth in UCAS points slightly more than an AS level. It is graded A* to E. The EPQ involves choosing an area of interest, planning, researching, carrying out the project and finally making a presentation of the work. The project can take about 100 hours of study and, if it is an essay, would be about 5000 words in length. Projects can be as diverse as a film or website together with a shorter written report. Each project finishes with a presentation.

Extended Projects enable students to follow a particular area of interest to a greater depth. They offer a much greater degree of independent learning, but within a supported environment and give students the opportunity to improve research, writing and presentation skills. An EPQ can help differentiate students from other candidates on their UCAS application, especially on the more competitive courses., not merely by the gaining of qualifications but also the higher level learning skills acquired during the process.

More information is available by going to:

<http://www.aqa.org.uk/over/extendedproject.php>. All Year 12 students are encouraged to begin the EPQ in order to learn about key skills such as referencing.

Career Knowledge

Students join tutor-led societies according to their career paths. The aim of these societies is to equip students with knowledge to enable them to demonstrate their passion, aptitude and motivation for their careers. The societies which include medical, engineering, law and finance amongst others, enables formal discussions about current affairs, news, events and research to help students keep up to date on their chosen career paths whilst learning specific knowledge.

Competitions

In order to help students gain further awards or achievements as well as providing extension opportunities beyond the curriculum, Cardiff Sixth Form College encourages its students to take part in national competitions and events such as the NASA Space Settlement Design Competition, Debating Matters, Senior Maths Challenge, Base Heat, Olympiads and Model United Nations.



Work Observation

Cardiff Sixth Form College has a dedicated Work Observation Co-ordinator who organises enrichment weeks, volunteering opportunities and work observation for our students. As well as work observations organised in October and enrichment week, all our students have the opportunity to undertake three weeks of international work experience in countries such as India, Tanzania or Malaysia tailored towards their chosen careers on our bespoke International Citizenship Programme.



Specialist Exam Preparation

Many of our students, who are aiming for top universities, need to sit additional university entrance tests such as the BMAT, LNAT, TSA and STEP qualifications. We give our students tuition on these papers to ensure they are as well prepared as possible.

Skills for Careers and Beyond

There are many opportunities at Cardiff Sixth Form College for our students to develop personal skills that will be helpful in their chosen careers and indeed throughout their lives. These include classes in effective communication, leadership and entrepreneurial classes, mindfulness programmes, physical wellbeing, social activities, organisation opportunities and public speaking.

Careers and University Admissions

Cardiff Sixth Form College provides a bridge for students coming to the UK from all over the world before accessing a top university. One of the key aspects of the College is the excellent careers guidance and mentoring programme that is led by the Careers Department. This programme begins even before a student enters Cardiff Sixth Form College when guidance is given on A Level subjects needed to pursue certain careers and formally commences in the first week of term with an individual career interview which leads to the formulation of an individual careers programme.

The University Admissions Careers Department has long standing relationships with all the top universities in the UK as well as good relationships with the top Hong Kong and US universities and many of the university admissions tutors visit Cardiff Sixth Form College every year. The Head of Careers gives advice on which course to apply to, organises speakers, talks and presentations by leaders in their fields and arranges workshops and curriculum based trips. Every student may come back in August of their second year where they are helped to write their personal statement aided by our successful alumni and personal tutors.

In addition, being part of Dukes Education, gives Cardiff students the opportunity to attend joint careers events such as the Dukes Medical Conference, seminars with top speakers from around the globe and with 2500 consultants worldwide, there is an expert in every university degree choice for every student.



Leadership

Sixth Form students are encouraged to take the lead and develop their leadership skills in many areas of College life. In the Upper Sixth, a Head Boy and Head Girl, along with six Prefects are appointed who help to run the school. In addition there are a variety of positions of responsibility taken up by the Sixth Formers including organising the Sixth Form Ball, Cultural Event or leading debating events. All these positions enable students to gain a range of skills from developing confidence, to speaking in public or working as part of a team towards a common goal.

Extra-Curricular Activities

There is a wide range of extra-curricular activities on offer for students which ensure that as well as the academic grades required for top universities, students can also take part in clubs, activities, trips and events. Every student is enrolled in a professional gym with fabulous sporting activities including swimming, badminton, full gym, tennis, squash, fitness classes, cafe and Internet zone.

There is also an annual Sports Day held at an athletics stadium. Those who would like to take part in the Duke of Edinburgh Programme which includes four elements, service, physical, skills and expedition and helps develop leadership skills, project management and resilience. The College music room is a hive of activity for those would like to practice and make music together. It comprises pianos, keyboards, an electric drum kit, acoustic and electric guitars, violins and a cello and there are opportunities for performance at the annual Talent Show (Eisteddfod).

The College also has an active drama club called the GLEE Club which puts on an annual musical production every year at the YMCA Theatre. Past productions have included Hairspray, Mulan and Grease.



Results

Students at Cardiff Sixth Form College receive the top marks in the UK and indeed Cardiff Sixth Form College has been top of the league tables over the past ten years.

Around 12% every year gain places at the prestigious Oxbridge Universities and 100% have places at the top universities both in the UK, US and in students' home countries.

The most popular universities that Cardiff Sixth Form students go onto are as follows:

- University of Cambridge
- Imperial College London
- London School of Economics
- University College London
- King's College London
- University of Hong Kong
- Chinese University of Hong Kong



Students graduating from Cardiff Sixth Form College undertake a wide variety of subjects at university. However, the most popular courses undertaken are as follows:

- Medicine
- Dentistry
- Engineering
- Law
- Economics
- Computer Science



Ignite
your
passion