

Bradfield School Sixth Form Course Information Booklet 2017



Academic Subjects – Summary of Courses

There follows a page for each subject offered that details the structure, content and assessment model of each course. This page provides an overview of all the courses on offer.

A-Levels are currently undergoing a national reform and, as such, we have updated the information on each of the subject pages to reflect the courses we intend to offer in September. We have also included a web-link to help you to access the most up-to-date information on each of these courses.

A-Level Subject	Examination Board	
Art & Design	AQA	http://www.aqa.org.uk/subjects/art-and-design/as-and-a-level/art-and-design
Biology	AQA	http://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402
Business Studies	AQA	http://www.aqa.org.uk/subjects/business-subjects/as-and-a-level/business-7131-7132
Chemistry	AQA	http://www.aqa.org.uk/subjects/science/as-and-a-level/chemistry-7405
Computer Science	OCR	http://www.ocr.org.uk/qualifications/as-a-level-gce-computer-science-h046-h446-from-2015/
Drama & Theatre Studies	EdExcel	http://www.edexcel.com/quals/gce/gce08/drama/Pages/default.aspx
Design & Technology	AQA	http://www.aqa.org.uk/subjects/design-and-technology/a-level/design-and-technology-product-design-3d-2550
English Language	AQA (B)	http://www.ocr.org.uk/qualifications/as-a-level-gce-english-language-h070-h470-from-2015/
English Literature	AQA (B)	http://www.aqa.org.uk/subjects/english/as-and-a-level/english-literature-b-7717
French	AQA	http://www.aqa.org.uk/subjects/languages/as-and-a-level/french-draft-7652
Further Mathematics	EdExcel	http://www.edexcel.com/quals/gce/gce08/maths/Pages/default.aspx
Geography	AQA	http://www.aqa.org.uk/subjects/geography/a-level/geography-2030
History	AQA	http://www.aqa.org.uk/subjects/history/as-and-a-level/history-7042
Law	AQA	http://www.aqa.org.uk/subjects/law/a-level/law-2160
Mathematics	EdExcel	http://www.edexcel.com/quals/gce/gce08/maths/Pages/default.aspx
Music	AQA	http://www.aqa.org.uk/subjects/music#bm-A-level
Philosophy & Ethics	OCR	http://www.ocr.org.uk/qualifications/as-a-level-gce-religious-studies-h172-h572/
Physical Education	AQA	http://www.aqa.org.uk/subjects/physical-education/a-level/physical-education-2580
Physics	AQA	http://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7408
Politics	AQA	http://www.aqa.org.uk/subjects/government-and-politics/as-and-a-level
Psychology	AQA	http://www.aqa.org.uk/subjects/psychology/as-and-a-level/psychology-7181-7182
Spanish	AQA	http://www.aqa.org.uk/subjects/languages/as-and-a-level/spanish-draft-7692
Sociology	OCR	http://www.ocr.org.uk/qualifications/as-a-level-gce-sociology-h180-h580-from-2015/

Art, Craft and Design

Specification

- AQA Art, Craft & Design – Students will be introduced to a variety of experiences that explore a range of 2-D and 3-D media, techniques and processes. They will be expected to produce practical and critical/contextual work associated with two or more of the following art endorsements; Fine Art, Graphic Communication, Textiles, 3-D Design or Photography.

Y12 Content

- Gallery visits (local and further afield)
- Workshops with practising artists
- Extending existing knowledge, skills and techniques
- Interpreting and fulfilling art briefs
- Critical analysis of past and contemporary art practices
- Working with new media –E.g. oil paint, digital
- Understanding different styles, genres and traditions in Art, Craft and Design
- Trips to develop inspiration
- Mini projects based on past papers to prepare for Components 1 & 2

There are no external assessments at the end of Y12.

Y13 Content

- **Component 1** – Students are expected to develop a personal investigation based on a theme/idea leading to finished piece/pieces. The work completed in this unit must be linked with a contemporary or past practice of an artist, designer or craftsman. There is a written element (extended essay) that must be no less than 1000 and no more than 3000 words.
- **Component 2** – The exam board offer eight examination questions and candidates must select one starting point. (Examination questions are given out after 1st February.) Towards the end of the examination period candidates will complete a 15hr unaided, supervised exam. Candidates will be assessed on their ability to work independently within time constraints, developing a personal response and meeting all four assessment objectives.

Assessment (Y13)

- Component 1 – Personal Investigation – (worth 60% of the full A level)
- Component 2 – Externally Assessed Assignment – (worth 40% of the full A level)

Teachers

- Mrs S Drabble

Entry Requirements

- B in GCSE Art & Design or evidence of artistic ability (if GCSE Art & Design not taken)

Biology

Specification

- AQA Biology (7402)

Content

In the first year of the A-Level course the following content is covered.

1. Biological molecules
2. Cells
3. Organisms exchange substances with their environment
4. Genetic information, variation and relationships between organisms

For students progressing to take a full A-Level in Biology the following additional content will be taught in the second year of the course.

5. Energy transfers in and between organisms
6. Organisms respond to changes in their internal and external environments
7. Genetics, populations, evolution and ecosystems
8. The control of gene expression

Assessment

- Paper 1: A 2-hour written exam on sections 1-4 including relevant practical skills (35% of A-Level marks)
- Paper 2: A 2-hour written exam on sections 5-8 including relevant practical skills (35% of A-Level marks)
- Paper 3: A 2-hour written exam on all sections 1-8, including relevant practical skills (30% of A-Level marks)

Teachers

- Mr L. Beard
- Mr K. Holmes
- Mrs J. Allen

Entry Requirements

- B in GCSE Biology (or B in GCSE Additional Science)

Business Studies

Specification

- AQA Business Studies A-level

Content

Students of this course will study business in a variety of contexts and will consider the importance of the context of business in relation to decision making. They will look at the interrelated nature of business activities and the markets within which they operate. Throughout the course, students will be required to follow business developments and think critically about contemporary business issues.

Below are the key topic areas that will be studied:

- What is Business? – forms of business, business objectives, external environment.
- Managers, leadership and decision making – management styles, stakeholders.
- Decision making to improve marketing performance – Understanding markets and customers, marketing mix, segmentation.
- Decision making to improve operational performance – production, quality, efficiency, supply chains.
- Decision making to improve financial performance – cash flow, profit, break-even, sources of finance.
- Decision making to improve human resource performance – organisational structure, recruitment, motivation.
- Analysing the strategic position of a business – Ratio analysis, SWOT analysis, PEST analysis.
- Choosing strategic direction – Ansoff Matrix, positioning strategies.
- Strategic methods: How to pursue strategies – growth, innovation, internationalisation, technology.
- Managing strategic change – causes of change, barriers to change, organisational culture, implementing strategies.

Assessment Units

- Paper 1 – 2 hour written exam that covers all content. Multiple choice and short answer questions. Worth 33.3% of A-Level.
- Paper 2 – 2 hour written exam that covers all content. 3 large essay questions. Worth 33.3% of A-Level.
- Paper 3 – 2 hour written exam that covers all content. 6 questions based on case study. Worth 33.3% of A-Level.

Teachers

- Mrs E Lees
- Mr C Myhill

Entry Requirements

- Grade B in GCSE Business Studies or Grade 5 in GCSE English

Chemistry

Specification

- AQA Chemistry (7405)

Content

In the first year of the A-Level course the following content is covered.

1. Atomic Structure
2. Amount of substance
3. Bonding
4. Energetics
5. Kinetics
6. Equilibria
7. Redox
8. Periodic table, group 2 and group 7.
9. Alkanes
10. Halogenoalkanes
11. Alkenes
12. Alcohols
13. Organic analysis

This material makes up the AS component of the course.

For students progressing to take a full A-Level in Chemistry the following additional content will be taught in the second year of the course.

1. Thermodynamics
2. Rate Equations
3. Equilibria
4. Electrode Potentials
5. Acids and bases
6. Transition metals
7. Aqueous reactions
8. Aromatic Chemistry
9. Amines
10. Polymers
11. Amino Acids and DNA
12. Organic Synthesis
13. Spectroscopy
14. Chromatography

Assessment

- Paper 1: A 2-hour written exam on Physical and Inorganic Chemistry. (35% of A-Level marks)
- Paper 2: A 2-hour written exam Physical and Organic Chemistry (35% of A-Level marks)
- Paper 3: A 2-hour written exam on practical skills and data analysis as well as questions on any of the syllabus content. (30% of A-Level marks)

Teachers

- Dr N Moorcroft
- Ms S. Hambleton.

Entry Requirements

- Grade B in GCSE Chemistry (or Grade B in GCSE Additional Science)
- Grade 5 in GCSE Mathematics

Computer Science

Specification

- OCR Computer Science H446

Course overview:

Computer Science is a practical subject where students can apply the academic principles learned in the classroom to real-world systems.

It's an intensely creative subject that combines invention and excitement, and can look at the natural world through a digital prism.

The aims of this qualification are to enable students to develop:

- An understanding and ability to apply the fundamental principles and concepts of computer science, including: abstraction, decomposition, logic, algorithms and data representation.
- The ability to analyse problems in computational terms through practical experience of solving such problems, including writing programs to do so
- The capacity to think creatively, innovatively, analytically, logically and critically.
- The capacity to see relationships between different aspects of computer science.

A Level Content:

The qualification consists of 3 units:

01 COMPUTER SYSTEMS

This component will be a traditionally marked and structured question paper with a mix of question types: short-answer, longer-answer, and levels of response mark-scheme-type questions. It will cover the characteristics of contemporary systems architecture and other areas including the following:

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

Software and software development

Exchanging data

Data types, data structures and algorithms

Legal, moral, cultural and ethical issues.

02 ALGORITHMS AND PROGRAMMING

This component will be a traditionally marked and structured question paper with two sections, both of which will include a mix of question types: short-answer, longer-answer, and levels of response mark-scheme-type questions.

SECTION A

Traditional questions concerning computational thinking:

Elements of computational thinking

Programming and problem solving

Pattern recognition, abstraction and decomposition

Algorithm design and efficiency

Standard algorithms.

SECTION B

There'll be a scenario/task contained in the paper, which could be an algorithm or a text

03 PROGRAMMING PROJECT

External postal moderation or repository.

Students and/or centres select their own user-driven problem of an appropriate size and complexity to solve. This will enable them to demonstrate the skills and knowledge necessary to meet the Assessment Objectives. Students will need to analyse the problem, design a solution, implement the solution and give a thorough evaluation.

Assessment Units:

- 01 – Written exam (2 ½ hours) worth 40%
- 02 – Written exam (2 ½ hours) worth 40%
- 03 – Coursework Project worth 20%

Teacher

- Mr C Myhill

Entry Requirements

- B in GCSE Computing (if taken)
- Grade 5 in GCSE Mathematics

Drama and Theatre Studies

Specification

- WJEC Eduqas GCE A Level

Course Overview

- **Component 1- Theatre Workshop**
 - Non- exam assessment: internally assessed
 - Performance & 1500 words
 - 20% of qualification (60 marks)
- **Component 2- Text in Action**
 - Non- exam assessment: externally assessed (visiting examiner)
 - 2 performances and 1600 words
 - 40% of qualification (120 marks)
- **Component 3- Text in Performance**
 - Written Exam (2h 30m)
 - 3 sections 3 scripts (A&B and C)
 - 40% of qualification

Unit 1

- Create a piece of theatre based on an extract of a play with influence of a theatre company.
- The theatre companies/practitioners we will look are
 - DV8 Theatre Company
 - Artaud
 - Berkoff
 - Stanislavski
- 1200- 1500 words coursework based on the DEVELOPMENT

Unit 2

- 2 performances
 - Devised piece of drama based on stimulus from the exam board.
 - Performance from text extract from published play
 - Visiting examiner comes in to assess performances.
 - 1300-1600 coursework based on a REVIEW of your work

Unit 3

- 2 h 30m exam
- All sections are worth 40 marks
- Based on 3 sections
 - Section A & B
 - Pre 1956 text
 - Post 1956 text
 - BOTH texts will be taken in the exam (blank)
 - Section C
 - The Curious Incident of the Dog in the Night- Time
 - We will study the whole text but you will be given a 10-15 minute extract in March before the exam
 - You will NOT take the text in to the exam with you

Teachers

- Mrs L Piggott
- Mr T Markham

Entry Requirements

- B in GCSE Drama

Design and Technology- Product Design

Specification

- AQA Design & Technology Product Design or WJEC Design & Technology
- All specifications are new for 2017
- Draft specifications are yet to be approved by Ofqual
- Once this approval process has taken place a decision will be made as to which specification student will take

Course Description

A-level Design and Technology helps students take a broad view of design and technology, develop their capacity to design and make products and appreciate the complex relations between design, materials, manufacture and marketing.

During Year 12 students will undertake two design and make activities which will build on their GCSE knowledge and skills. Theory lessons will also take place each week which are enriched with visits to industry. In Year 13 students will undertake one major design and make activity that will showcase the knowledge and skills that they have developed over their GCSE and A-Level studies.

Depending on which specification we select, students will be assessed as follows:

AQA Specification

- 2 written exams that each contribute to 25% of the A-Level (50% overall)
 - Paper 1 will assess core technical principals and core designing and making principals
 - Paper 2 will assess specialist knowledge, technical and designing and making principals
- 1 Non-exam assessment comprising of a substantial design and make task (45 hours) contributing to 50% of the A-Level
 - The task will assess the students ability to:
 - Identify, investigate and outline design possibilities
 - Design and make prototypes
 - Analyse and evaluate design decisions and wider issues

WJEC Specification

- 1 Written exam that contributes to 50% of the A-Level
 - The paper will assess technical principals and design and making principals as well as allowing students to analyse and evaluate design decisions and wider issues
- 1 Non-exam assessment comprising of a substantial design and make task (80 hours)
 - The task will assess the students ability to:
 - Identify, investigate and outline design possibilities
 - Design and make prototypes
 - Analyse and evaluate design decisions and wider issues

Enrichment opportunities

- As part of this course student will partake in a number of industrial visits to design studios, universities and industrial organisations to enrich what happens in the classroom and workshop. We have strong links with both Sheffield Universities allowing students to become familiar with higher education options.

Teachers

- Ms S McGoldrick & Mr S Booth

Entry requirements:

- B in GCSE Product Design / B in GCSE Engineering

English Language

Specification

- OCR English Language

A Level Content

- Linguistic analysis of authentic texts.
- Original writing for a real-world purpose on a topical language issue.
- Analysis of how children acquire language.
- Language in the media.
- How language changes over time.
- An investigation into an area of each learner's particular individual interest.

Assessment Units

Paper 1 – 40%

Exploring language

80 marks

2 hours 30 minutes

Written paper

Paper 2 – 40%

Dimensions of linguistic variation

80 marks

2 hours 30 minutes

Written paper

Non-examined unit – 20%

Independent language research

40 marks

Teachers

- Mrs H Hawkins
- Mrs S Birks
- Miss N Leyland
- Mrs M Brayford

Entry Requirements

- Grade 5 in GCSE English

English Literature

Specification

- AQA English Literature B

A-Level Content

3.1 Literary Genres – Aspects of Tragedy

Study of three texts: one Shakespeare text; a second drama text and one further text, of which one must be written pre-1900

Assessed

- written exam: 2 hours 30 minutes
- closed book
- 75 marks
- 40% of A-level

3.2 Texts and Genres – Elements of Political Writing

Study of three texts: one post-2000 prose text; one poetry and one further text, one of which must be written pre-1900. Examination will include an unseen passage.

Assessed

- written exam: 3 hours
- open book
- 75 marks
- 40% of A-level

3.3 Theory and Independence

Study of two texts: one poetry and one prose text, informed by study of the Critical Anthology. Two essays of 1250 -1500 words, each responding to a different text and linking to a different aspect of the Critical Anthology. One essay can be re-creative. The re-creative piece will be accompanied by a commentary.

Assessed

- 50 marks
- 20% of A-level
- assessed by teachers
- moderated by AQA

Teachers

- Mr P Darragh
- Mrs L Moss
- Mrs T Snailum
- Miss L Young

Entry Requirements

- Grade 5 in GCSE English Literature and English Language

French

Specification

- AQA French

Skills acquired:

A language A-level gives you the grounding to have real conversations with real people. You will develop skills acquired at GCSE (listening, reading, speaking and writing) but start taking a higher perspective by considering the impact of social issues and trends as well as political and artistic culture on life in France or a French-speaking country. This makes the course broader, and therefore more interesting, than at GCSE.

You will learn:

- Listening & reading & essay writing skills
- Debating and presentation skills
- Translation skills
- Critical appreciation of literature and film
- Independent Research skills
- Grammar: revision and new concepts

Assessment Units

- Paper 1 (40% of A level marks): Listening, reading and translation (written paper, 2hrs30mins)
- Paper 2 (30% of A level marks): 2 essays on a set text and on a film (written exam, 2 hrs)
- Paper 3 (30% of A level marks): Speaking (21-23 mins)

A level Content

Year 1

- **Aspects of French-speaking society: current trends**
 - o The changing nature of family
 - o Cyber-society
 - o The place of voluntary work
- **Artistic culture in the French-speaking world**
 - o Heritage
 - o Music
 - o Cinema

Year 2

- **Aspects of French-speaking society: current issues**
 - A diverse society
 - The marginalised
 - Crime and punishment
- **Aspects of political life in the French-speaking world**
 - Teenagers, the right to vote, political commitment
 - Demonstrations, strikes – who holds the power?
 - Politics & immigration

Candidates must also undertake an individual research project which relates to a country where French is spoken.

Teachers

- Ms M Tiernan
- Ms M Dieu
- Mr Mathieu

Entry Requirements

- B in GCSE French (fluency in French if GCSE not taken)

Further Mathematics

Specification

- Edexcel Further Mathematics

Overview

- Complementing and then building on the material introduced in the regular mathematics course (see later in the booklet), the compulsory Further Pure Mathematics content sees both new and familiar techniques being developed to tackle a range of engaging mathematical concepts. As the course progresses this material is very rapidly extended and students are required to develop the necessary analytical skills to select the appropriate mathematics to solve problems. Students need to be able to sustain the quality of their number and algebra work throughout extended solutions to a range of complex problems beyond the standard mathematics syllabus.
- In Further Mathematics there is also optional content which can be more tailored to student pathways. Students may choose from several combinations covering more Further Pure Mathematics, extending the Statistics and/or Mechanics applications covered in the regular mathematics course or learning entirely new material for a third applications area Decision Mathematics. This last option covers the algorithmic techniques used in a range of real-life situations to make decisions about how best to carry out complex tasks.

A Level Content and Assessment

- Paper 1 – Further Pure 1: Written exam (1 ½ hours) worth 25% of A-Level marks
Compulsory AS content assessed at A level standard
Proof; Complex numbers; Matrices; Further algebra and functions; Further calculus; Further vectors
- Paper 2 – Further Pure 2: Written exam (1 ½ hours) worth 25% of A-Level marks
Compulsory A level content assessed at A level standard
Complex numbers; Further algebra and functions; Further calculus; Polar coordinates; Hyperbolic functions; Differential equations
- Paper 3 – Option Paper 1: Written exam (1 ½ hours) worth 25% of A-Level marks
Choice of Pure Maths, Mechanics, Statistics, Decision Maths
Content depends on option choice and the range of material is too lengthy to include here.
- Paper 4 – Option Paper 2: Written exam (1 ½ hours) worth 25% of A-Level marks
Choice of Pure Maths, Mechanics, Statistics, **Decision Maths**
Content depends on option choice and the range of material is too lengthy to include here.

AS Content and Assessment

- Paper 1 – Further Pure 1: Written exam (1 ½ hours) worth 50% of AS-Level marks
Compulsory content aligned to Paper 1 of A level Further Maths but assessed at AS standard.
- Paper 2 – Option Paper 1: Written exam (1 ½ hours) worth 25% of A-Level marks
Choice of Pure Maths, Mechanics, Statistics, Decision Maths with content aligned to corresponding A level Further Maths option but assessed at AS standard.

Teachers

- Mr J Crownshaw
- Mr J Osborne

Entry Requirements

- Grade 6 in GCSE Mathematics

Geography

Specification

- AQA Geography (7037)

A-Level Content

Component 1: Physical Geography, will be taught in 3 sections and cover:

- Water and carbon cycles
- Coastal systems and landscapes
- Hazards

Component 2: Human Geography, will be taught in 3 sections and cover:

- Global systems and global governance
- Changing places
- Contemporary urban environments

Component 3: Geographical Investigation

- Students complete an individual investigation which must include data collected in the field. The individual investigation must be based on a question or issue defined and developed by the student relating to any part of the specification content. It must be 3000 – 4000 words and is assessed by teachers.

Assessment Units

- **Component 1** – Written exam: 2 hours 30 minutes (40% of A-level)
- **Component 2** – Written exam: 2 hours 30 minutes (40% of A-Level)
- **Component 3** – Assessed by teachers (20% of A-Level)

Teachers

- Mrs G Bott
- Miss J Hiley
- Miss E Hudson
- Mrs C Fletcher

Entry Requirements

- B in GCSE Geography or a grade 5 in English

History

History is incredibly useful to so many careers; law, business, marketing, journalism, media and broadcasting, international diplomacy, social work and psychology to name a few. The unique focus that History places upon empathy is of huge importance in the 21st Century, as our world becomes increasingly divided and threatened by global warming, racial hatred, international warmongering & increasingly sophisticated methods of media brainwashing and disinformation.

Specification

- AQA History 7042

A level content:

Unit 1: British Breadth Study 1851-1964

This topic looks at the development of Britain over approximately 100 years. During this incredible time, Britain changed from a society that was dominated by class and privilege to one where everyone could vote and achievement on merit became more important. Practically every facet of society that we regard as important today, education, welfare and economy developed at breakneck speed during this period. In Year 12, a period of dramatic change in Britain's past - Victorian and Edwardian Britain, c1851–1914 is the focus. This includes the biggest political rivalry of the last 200 years Gladstone v Disraeli and the impact this had on Britain's political landscape. Industrial growth, foreign policy and the Irish question are also covered. This links to our planned visit to Dublin, the home of the 1916 Easter Rising. In Year 13, the Great War and the impact it had leads into the social transformation of Britain 1939-64. This focuses on the growth of consumerism and finishes with the generational change after the war that stemmed from contraception and rock and roll music!

Unit 2 Depth study - 2N Revolution and Dictatorship: Russia, 1917–1953

The Impact of Stalin's Leadership in the USSR, 1917-53 (source based exam)

This unit provides an opportunity to investigate the impact of one of the most incredible areas of History: Stalinist rule on the USSR. Students study Stalin's ruthless rise to power, his use of propaganda, terror and industrial and agricultural policies. Topic content covers issues of political authority, the power of individuals and the inter-relationship of governmental and economic and social change. As with unit 1, we assess motives and actual impact on the country. **We look at whether there was evolution or revolution and what state the USSR was on the eve of Nazi invasion in 1941 & by Stalin's death in 1953?**

Coursework unit:

And now for something completely different! Russia 1696-1796 was a truly remarkable period of History. Characterised by the hugely controversial and dramatic reigns of Peter and Catherine The Great, the period was one of often rapid and forgotten changes in government, culture, society and the military. Students set their own question, get to criticise historians and are very well supported in researching widely. The 100 year focus includes the fascinating and even more controversial rule of lesser known rulers such as Anna Ioannovna and Elizabeth Petrovna. This unit has it all, themes of revolution, evolution, change, continuity, progression, regression, along with torture, repression, scandal and some brilliantly controversies. We examine who contributed the most to change in the period, whether the Tsars did more

than the Tsarinas to modernise Russia and whether reputations of different leaders are deserved and how valid different viewpoints are.

Assessment Units

- Unit 1 – 2 hours 30 mins exam - 40% of final mark
- Unit 2 - 2 hours 30 mins exam - 40% of final mark
- Unit 3 – 3500 word essay on a thematic question covering 100 years – 20% of final mark

Teachers

- Mr D Hickman
- Mr N Kelly
- Miss R Ross

Entry Requirements

- B in GCSE History
- or
- 5 in GCSE English

Law

Specification

- AQA Law

Pupils will be assessed in 3 papers.

Each paper is a 2 hour exam with a combination of multiple choice, short answer and extended writing questions. Each paper is out of 100 marks and worth 33% of the A Level.

The nature of law and the English legal system will be assessed in ALL 3 papers.

Including:

- The difference between civil and criminal law
- The role law plays in society
- How laws & morals fit together
- Whether the law achieves justice
- What the rule of law means
- How laws are made
- What delegated legislation is
- How statutes are interpreted
- What judicial precedent means
- What the Law Commission do and how laws can be reformed
- How EU laws apply to the UK
- How a civil court works
- How a criminal court works
- The role of judges and other legal personnel
- How you access legal advice

Paper 1

The nature of law and the English legal system AND Criminal law

Including theories of criminal law (fault, autonomy and individual responsibility), *actus reus*, *mens rea*, Non-fatal offences against the person (assault, battery, ABH & GBH) Fatal offences against the person (murder & manslaughter), Property offences (theft & robbery) and defences (insanity, automatism, intoxication, self-defence and duress).

Paper 2:

The nature of law and the English legal system AND Tort

Including negligence, duty of care, breach of duty, damage, occupiers' liability, nuisance, vicarious liability, defences (contributory negligence, consent & private nuisance), and remedies (damages and injunctions).

Paper 3:

The nature of law and the English legal system AND Human Rights OR Law of Contract

Contact law would include: theories, requirements, terms, vitiating factors, discharge and remedies. Human rights would include: rules, theories, international law, UK law, EU law, restrictions and enforcement.

Teachers

- Miss H Jones
- Mr B Miskell

Entry Requirements

- Grade 5 in GCSE English

Mathematics

Specification

- Edexcel Mathematics

Overview

- The Pure Mathematics element of the course begins by building on familiar GCSE material and introducing a range of brand new topics. Students are taught to develop the necessary rigour to their mathematics through key concepts that underpin the entire mathematics course. As the course progresses, topics are extended such that students are required to develop the necessary analytical skills to select the appropriate mathematics to solve problems and to sustain the quality of their number and algebra skills throughout extended solutions.
- By studying the applied content in Statistics and Mechanics, students learn how mathematics can be used to model a range of real-life situations in order to understand them and begin to make predictions about likely outcomes. In statistics, students will learn data-handling techniques that are highly applicable across a range of disciplines, allowing them to collect, process, represent and analyse a variety of data sets. In mechanics, students will learn mechanical modelling techniques allowing them to represent and analyse a variety of static and dynamic real-life systems.

A Level Content and Assessment

- Paper 1 – Pure Mathematics. Written exam (2 hours) worth $\frac{1}{3}$ of A-Level marks
Compulsory AS content assessed at A level standard
Proof; Algebra and functions; Coordinate geometry in the (x,y) plane; Sequences and series; Trigonometry; Exponentials and logarithms; Differentiation; Integration; Vectors
- Paper 2 – Pure Mathematics. Written exam (2 hours) worth $\frac{1}{3}$ of A-Level marks
Compulsory A level content assessed at A level standard
Proof; Algebra and functions; Coordinate geometry in the (x,y) plane; Sequences and series; Trigonometry; Differentiation; Integration; Numerical Methods
- Paper 3 – Mechanics and Statistics. Written exam (2 hours) worth $\frac{1}{3}$ of A-Level marks
50% compulsory Mechanics and 50% compulsory statistics
Section A: Statistical sampling; Data presentation and interpretation; Probability; Statistical distributions; Statistical hypothesis testing
Section B: Quantities and units in mechanics; Kinematics; Forces and Newton's laws; Moments

AS Level Content and Assessment

- Paper 1 – Pure Mathematics. Written exam (2 hours) worth $\frac{2}{3}$ of AS-Level marks
Compulsory AS Content aligned to Paper 1 of A level Maths but assessed at AS standard.
- Paper 2 – Statistics and Mechanics (1 hour) worth $\frac{1}{3}$ of AS-Level marks
50% compulsory Statistics and 50% compulsory Mechanics
Section A: Statistical sampling; Data presentation and interpretation; Probability; Statistical distributions; Statistical hypothesis testing
Section B: Quantities and units in mechanics; Kinematics; Forces and Newton's laws

Teachers

- Mr D Best, Mr T Higgins, Mrs J Honeywell, Mr D Joyce, Mr J Osborne, Mr R Yousef

Entry Requirements

- Grade 5 in GCSE Mathematics

Music

Specification: AQA GCE A Level – two year course

Units

Unit 1 – Appraising Music

Students explore and analyse music from three of the following Areas of Study:

1. Western classical tradition 1650–1910 (compulsory)
2. Pop music
3. Music for media
4. Music for theatre
5. Jazz
6. Contemporary traditional music
7. Art music since 1910.

Exploration of the chosen Areas of Study will include:

- learning to aurally recognise musical ideas, devices, and characteristics related to the elements of music (i.e. Melody, Harmony, Rhythm etc.)
- describing, using technical musical language, previously unheard excerpts of music
- analysing two set works from first Area of Study
- analysing two pieces from each of the other two chosen Areas of Study

Unit 2 - Performance

Students will work towards being able to perform music using one or both of the following ways:

- instrumental/vocal: as a soloist, and/or as part of an ensemble
- production: via music technology.

Students must perform for a minimum of **10** minutes and a maximum of **12** minutes in total.

Unit 3 - Composition

Students will learn how to develop musical ideas and compose music that is musically convincing. They will compose two pieces as follows:

- a response to **one** of seven externally set briefs. The response should include a written description of the process
- a free composition

The compositions can be for either of the following:

- instrumental/vocal: produce notated score, written accounts and/or lead sheet by traditional means or by using music software as appropriate
- production: generated entirely digitally, by using music software, without notated score but with accompanying annotation.

Assessment

Unit 1: Appraising music – 40% of the total mark

Students sit an externally marked exam in three sections:

Section A: Listening

Students will be assessed on their ability to analyse and evaluate the music heard in the exam and demonstrate knowledge and understanding of musical elements and musical language to make critical judgements.

Section B: Analysis

Students will be required to answer **two** sets of questions relating to the set works from Area of study 1.

Section C: Essay

Students will be required to answer **one** essay question on **one** area of study from a choice of Areas of study 2–7. ☒

Unit 2: Performing music – 35% of the total mark (externally assessed)

Students must perform for a minimum of **10** minutes and a maximum of **12** minutes in total.

Unit 3: Composing music – 25% of the total mark (externally assessed)

Students will submit their two compositions for assessment. The combined duration of the compositions must be a minimum of **four and half minutes**, and a maximum of **six minutes**.

Entry Requirements

- B Grade in GCSE music
- Minimum grade 5 or equivalent on an instrument or voice

In addition it will be helpful if applicants have the ability to:

- use music software – Cubase and/or Sibelius
- read music

Teachers

- Mr R Whale
- Mrs K Carter

Philosophy and Ethics

Specification

- OCR Religious Studies - Philosophy and Ethics
This is a new specification from September 2016 and is taught as a continuous A level course over two years.

Content Overview	Assessment Overview	
<p>Philosophy of religion Learners will study:</p> <ul style="list-style-type: none"> ancient philosophical influences the nature of the soul, mind and body arguments about the existence or non-existence of God the nature and impact of religious experience the challenge for religious belief of the problem of evil ideas about the nature of God issues in religious language. 	<p>Philosophy of religion (01) 120 marks 2 hour written paper</p>	<p>33.3% of total A Level</p>
<p>Religion and ethics Learners will study:</p> <ul style="list-style-type: none"> normative ethical theories the application of ethical theory to two contemporary issues of importance ethical language and thought debates surrounding the significant idea of conscience sexual ethics and the influence on ethical thought of developments in religious beliefs. 	<p>Religion and ethics (02) 120 marks 2 hour written paper</p>	<p>33.3% of total A Level</p>
<p>Developments in religious thought Learners will study:</p> <ul style="list-style-type: none"> religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world sources of religious wisdom and authority practices which shape and express religious identity, and how these vary within a tradition significant social and historical developments in theology and religious thought key themes related to the relationship between religion and society <p>in the context of one religion chosen from Christianity (03), Islam (04), Judaism (05), Buddhism (06) or Hinduism (07).</p>	<p>Developments in religious thought (03–07) 120 marks 2 hour written paper</p>	<p>33.3% of total A Level</p>

(It is likely in the first instance that we will cover Christianity for the Developments module).

Teachers

- Mrs S Hattersley
- Mr R Kay
- Mrs Seed

Entry Requirements

- B in GCSE Religious Studies
- or
- Grade 5 in GCSE English

Physical Education

Specification

- AQA Physical Education

Course Introduction:

The new A-Level specification for PE is now 70% exam, 15% practical performance and finally 15% on an analysis of performance. Throughout the course you will spend time studying anatomy and physiology, exercise physiology and biomechanics, skill acquisition, sports psychology, sport and society and finally sport and society with technology in sport. The table below shows some of the topics you will be looking at in each section:

Anatomy and Physiology (Component 1)	Cardio-respiratory System Neuromuscular System Musculo-Skeletal System
Exercise Physiology and Biomechanics (Component 2)	Diet and Nutrition Preparation and training methods Biomechanical movement
Skill Acquisition (Component 1)	Skill, Skill Continuums and Transfer of Skill Skill Classification Principles and theories of learning and performance Use of guidance and feedback
Sports Psychology (Component 2)	Psychological Factors that can influence an individual performance, including personality, aggression, anxiety and motivation.
Sport and Society (Component 1)	Emergence of Globalisation of sport in the 21 st Century The impact of sport on society and of society on sport
Sport and Society with Technology in Sport (Component 2)	The role of technology in physical activity and sport

Assessment:

Component 1 and Component 2 both worth 35%:

- 2x2 hour written exam (1 exam for Component 1 and 1 exam for Component 2)
- Both marked out of 105 marks
- They both include a combination of multiple-choice, short answer and extended writing questions.

Component 3 (30%):

- Broken down into two sections both out of 45marks:
 - 15% practical performance assessed as a player/performer or coach in the full context of one activity.
 - 15% written or verbal analysis and evaluation of either their own or the performance of another.
 - Both sections are internally assessed and externally moderated.

Teachers

- Mr A Mitchell
- Mrs S Lofthouse
- Mr S Thompson

Entry Requirements

- B in GCSE Physical Education or Evidence of sporting ability (if GCSE PE not taken)
- Evidence of sporting ability

Physics

Specification

- AQA Physics (7408)

Content

In the first year of the A-Level course the following content is covered.

1. Measurements and their Errors
2. Particles and Radiation
3. Waves
4. Mechanics and Materials
5. Electricity

This material makes up the AS component of the course.

For students progressing to take a full A-Level in Physics the following additional content will be taught in the second year of the course.

6. Further Mechanics and Thermal Physics
7. Fields and their consequences
8. Nuclear Physics

In addition to this students will study one option from the following topics:

- Astrophysics
- Medical Physics
- Engineering Physics
- Turning Points in Physics
- Electronics

Assessment

- Paper 1: A 2-hour written exam on sections 1-5 and the Further Mechanics section of 6 (34% of A-Level marks)
- Paper 2: A 2-hour written exam on sections 7-8 and the Thermal Physics section of 6 (34% of A-Level marks)
- Paper 3: A 2-hour written exam on practical skills and data analysis as well as questions on the option topic of choice (32% of A-Level marks)

Teachers

- Mr P Beaumont
- Mr J Carter
- Mr M Pugh

Entry Requirements

- Grade B in GCSE Physics (or Grade B in GCSE Additional Science)
- Grade 5 in GCSE Mathematics

Politics

Specification

- AQA Politics

Unit 1 – The government and politics of the UK

Students will study two distinct sections for this paper representing both the government and politics of the UK:

- Studying the government of the UK students will investigate the structure and role of Parliament; nature and sources of the British Constitution; the Prime Minister and Cabinet; the Judiciary; devolution.
- Investigating the politics of the UK students will look at democracy and participation; elections and referendums; political parties; pressure groups and the European Union.

Unit 2 – The government and politics of the USA

As with the study of the UK, students will also study two distinct sections for this paper representing both the government and politics of the USA:

- Studying the government of the USA students will investigate the USA's Constitution; Congress; the Presidency and Judiciary.
- Investigating the politics of the USA students will look at the electoral process and direct democracy; US political parties; pressure groups and civil rights.

Students will also take part in work that compares and contrasts US Government and Politics with the institutions and politics in the UK.

Unit 3 – Political ideas

Students will study three core ideologies:

- Liberalism
- Conservatism
- Socialism

One of the following five ideologies will also be studied from either Nationalism, Feminism, Multiculturalism, Anarchism or Ecologism.

Assessment Units (AS)

- UNIT 1 – Written exam (2 hours) worth 33 $\frac{1}{3}$ % of A-Level
- UNIT 2 – Written exam (2 hours) worth 33 $\frac{1}{3}$ % of A-Level
- UNIT 3 – Written exam (2 hours) worth 33 $\frac{1}{3}$ % of A-Level

Teachers

- Mr B Miskell
- Mr N Kelly

Entry Requirements

- An interest in current affairs and politics.
- Grade 5 in GCSE English

Psychology

Specification

AQA Psychology (7182)

Content

In the first year of the A-Level course the following content is covered:

1. Social influence
2. Memory
3. Attachment
4. Approaches in Psychology
5. Psychopathology
6. Research methods

In the second year of the A-level course the following content is covered:

1. Biopsychology
2. Issues and debates in Psychology
3. Gender
4. Schizophrenia
5. Addiction

Assessment

- Paper 1: A 2-hour written exam on Social Influence, Memory, Attachment and Psychopathology (33.3% of A-Level marks)
- Paper 2: A 2-hour written exam on Biopsychology, Approaches in Psychology and Research Methods (33.3% of A-Level marks)
- Paper 3: A 2-hour written exam on Issues and Debates, Relationships, Schizophrenia and Forensic Psychology (33.3% of A-Level marks)

Teachers

- Mr R Wilson
- Ms L Wetton

Entry Requirements

- Grade 5 in GCSE English
- C in GCSE Additional Science or GCSE Biology

Sociology

Specification

- OCR Sociology A level

Subject overview

- Sociology examines society and how it shapes our lives. Your social class, your ethnicity and gender may be important factors in determining what qualifications you gain, what job you get and how much money you earn. Sociologists examine issues that concern us all, they examine the social world and ask questions about why things are the way they are. Why do working class students often underachieve at school? Why do girls do better in exams than boys? Who commits most crimes and why? Sociologists ask questions and come up with theories as to why society is structured the way it is. Sociologists are curious and they are always asking questions, they like to look at things from different perspectives and they assume nothing.

Specification Aims

- The key skills developed by this specification are:
 - o acquire knowledge and a critical understanding of contemporary social processes and changes.
 - o appreciate the significance of theoretical and conceptual issues in sociological debate;
 - o understand and evaluate sociological methodology and a range of research methods through active involvement in the research process.
 - o develop skills which enable individuals to focus on their personal identity, roles and responsibilities within society.
 - o develop a lifelong interest in social issues.

A Level Content

- **Exploring socialisation, culture and identity:** Formation of culture; Process of socialisation; Role of socialisation in the creation of identities.
- **Families and Relationships:** Key concepts and key trends within the family; The role of the family within society; family diversity; Roles, responsibilities and relationships within the family
- **Researching and understanding social inequality:** Exploring and applying the methods of sociological research skills. Topics including looking at inequalities according to social class, gender, ethnicity and age. This unit builds on and develops the previous units.
- **Debates in contemporary Society:** A detailed study of crime and deviance. The social construction of crime and deviance are considered and the ways in which crime is socially distributed, explained and reduced. This option introduces a global dimension, with reference to patterns and trends. It aims to give an understanding of different theoretical approaches to the study of crime and deviance.

Assessment Units

This is a two year course; there will be no formal AS examination. All units will be assessed at the end of two years.

- Culture, identity, socialisation, Families and Relationships: Examination, 1 ½ hours, worth 30% of A level
- Researching and understanding social inequalities: Examination 2 hour 15 minutes, worth 35%
- Debates in contemporary society-Crime and Deviance: Examination 2 hour 15 minutes, worth 35%

Teachers

- Ms L Wetton
- Mr R Wilson

Entry Requirements

- Grade 5 in GCSE English

Spanish

Specification

- AQA Spanish

Skills acquired

A language A-level gives you the grounding to have real conversations with real people. You will develop skills acquired at GCSE (listening, reading, speaking and writing) but start taking a higher perspective by considering the impact of social issues and trends as well as political and artistic culture on life in Spain or a Spanish-speaking country. This makes the course broader, and therefore more interesting, than at GCSE.

You will learn:

- Listening & reading & essay writing skills
- Debating and presentation skills
- Translation skills
- Critical appreciation of literature and film
- Independent Research skills
- Grammar: revision and new concepts

Assessment Units

- Paper 1 (40% of A level marks): Listening, reading and translation (written paper, 2hrs30mins)
- Paper 2 (30% of A level marks): 2 essays on a set text and on a film (written exam, 2 hrs)
- Paper 3 (30% of A level marks): Speaking (21-23 mins)

A level Content

Year 1

- **Aspects of Hispanic society**
 - Modern and traditional values
 - Cyberspace
 - Equal rights
- **Artistic culture in the Hispanic world**
 - Modern day idols
 - Spanish regional identity
 - Cultural heritage or cultural landscape

Year 2

- **Multiculturalism in Hispanic society**
 - Immigration
 - Racism
 - Integration
- **Aspects of political life in the Hispanic world**
 - Today's youth, tomorrow's citizens
 - Monarchies, republics and dictatorships
 - Popular movements

Candidates must also undertake an individual research project which relates to a country where Spanish is spoken.

Teachers

- Ms M Romero
- Ms E Kuzmina

Entry Requirements

- B in GCSE Spanish (or fluency in Spanish if GCSE not taken)