



Course Information September 2017



The Cottesloe School, Aylesbury Road, Wing, Leighton Buzzard, Beds. LU7 0NY
t: 01296 688264 | f: 01296 681729 | e: office@cottesloe.bucks.sch.uk
www.cottesloe.bucks.sch.uk

Headteacher: Mr A McBurnie BEd (Hons), MBA

Inspiring
ACHIEVEMENT

Art and Design

Level: A Level

Examination board: AQA

Introduction: Students will be introduced to a variety of experiences exploring a range of two and three dimensional media, processes and techniques. They will explore both traditional and new technologies, relevant images, artifacts and resources relating to a range of art, craft and design, from the past and from recent times, including European and non-European examples. This will be integral to the investigating and making process. Their responses to these examples will be shown through practical and critical activities, which demonstrate their understanding of different styles, genres and traditions. Visit to London Galleries and Studios occur and could include a visit abroad to observe art, craft and design from a variety of cultures.

Where does it lead? The course can lead into an Arts foundation course, leading into a degree in Fine Art, Fashion, Textiles and Design etc. Careers include the media industries, design education, galleries, architecture and fashion design.

What do I need? Students should have studied Art at GCSE level and gained a grade B or higher. Students should have displayed an enjoyment of art and demonstrated the ability to work independently and generate their own ideas. Students must also be aware that the course require written, theoretical work to support practical work.

Course details: Students will become aware of the four assessment objectives and will explore drawing using a variety of methods and media on a variety of scales. Students will use sketchbooks/workbooks/journals to underpin their work where appropriate.

Component 1 – Personal Investigation

Assessment: 50% of total A Level mark

Component 2 – Art and Design Externally Set Assignment

Assessment: 50% of total A Level mark 15 hour timed examination

For further information contact:

Mrs C Bye – Head of Art

Biology

Level: A Level

Examination board: OCR

Introduction: A Level Biology will give you an exciting insight into the contemporary world of biology. It covers the key concepts of biology and practical skills are integrated throughout the course. This combination of academic challenge and practical focus makes the prospect of studying A Level Biology highly appealing. We aim to enable candidates to develop interest and enthusiasm for biology, creating opportunities of further study and careers in the biology field.

Where does it lead? A Level Biology A is an excellent base for a university degree in healthcare, such as medicine, veterinary or dentistry, as well as the biological sciences, such as biochemistry, molecular biology or forensic science. Biology can also complement sports science, psychology, sociology. Students in biology can also progress into other areas relating to law and ICT.

What do I need? A*-B grades in Biology Triple or alternatively Two A's from additional and core science.

Course details:

Module 1: Development of practical skills taught over 2 years

Year 1

Module 2- foundations in Biology

Module 3- Exchange and transport

Module 4- Biodiversity, evolution and disease

Year 2

Module 5- communication, homeostasis and energy

Module 6- Genetic, evolution and ecosystems

For further information contact:

Mrs A Batchelor

BTEC National Extended Certificate in Business

Level: Level 3

Examination board: Edexcel

Introduction: The Pearson BTEC National Extended Certificate in Business is intended to be an Applied General qualification for post 16 students wanting to continue their education through applied learning, and who aim to progress to higher education and ultimately to employment, possibly in the business sector. The qualification is equivalent in size to 1 A level and aims to provide a coherent introduction to study of the business sector, normally alongside other level 3 qualifications. Students wishing to take this BTEC will have successfully completed a level 2 programme of learning with GCSEs or vocational qualifications

Where does it lead? The Extended Certificate is for learners who are interested in learning about the business sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in business-related subjects.

What do I need? Students are required to have at least 5GCSEs at grade A*-C (including English Language grade 9-5).

Course details:

There are many different career paths for those who wish to work within the business sector. These include management, HR, finance, marketing and business information management, with the opportunity to work both in the UK and internationally.

The content of this qualification has been developed in consultation with academics to ensure that it supports progression to higher education. In addition, employers and professional bodies have been involved and consulted in order to confirm that the content is also appropriate for and consistent with current practice for students planning to enter employment directly in the business sector. Everyone taking this qualification will study three mandatory units. They are:

- Exploring the Business Environment (Internal Assessment)
- Developing a Marketing Campaign (Synoptic Assessment, Externally Marked)
- Personal and Business Finance (External Assessment)

The optional units have been designed to support choices in progression to business courses in Higher Education, and to link with relevant occupational areas. They cover content areas such as:

- Human Resources (Internal Assessment)
- Accounting (Internal Assessment)
- Marketing (Internal Assessment)
- Law (Internal Assessment)

The course will be assessed through 2 internal assessments, 1 synoptic assessment (externally marked) and 1 external assessment.

For further information contact:

Mr Gupta or Mrs Lynott

Chemistry

Level: A Level

Examination board: OCR

Introduction: A Level Chemistry will give you an exciting insight into the contemporary world of chemistry. It covers the key concepts of chemistry and practical skills are integrated throughout the course. This combination of academic challenge and practical focus makes the prospect of studying A Level Chemistry highly appealing. You will learn about chemistry in a range of different contexts and the impact it has on industry and many aspects of everyday life. You will learn to investigate and solve problems in a range of contexts.

Where does it lead? Gaining a qualification in Chemistry at this level can lead into higher education in areas of such as medicine, pharmacy and dentistry as well as the biological sciences, physics, mathematics, pharmacology and analytical chemistry. A range of career opportunities include chemical manufacturing and pharmaceutical industries and in areas such as forensics, environmental protection and healthcare.

What do I need? A*-B grades in Chemistry

Course details:

Module 1: Development of practical skills taught over 2 years

Year 1

Module 2-foundations in chemistry

Module 3- Periodic table and energy

Module 4-Core organic chemistry and analysis

Year 2

Module 5-Physical chemistry and transition metals

Module 6- organic chemistry and analysis

For further information contact:

Mrs S Talbot

BTEC National Extended Certificate in Computing

Level: Level 3

Examination board: Edexcel

Introduction: The Pearson BTEC Level 3 National Extended Certificate in Computing is equivalent in size to one A Level. It is aimed at post 16 learners who are interested in an initial introduction to study of the Computing sector at Level 3 alongside other fields of study, with a view to progressing to a wide range of higher education courses, but not necessarily in computing. It allows learners to gain fundamental knowledge and skills in computing from which they can progress to broader or more specialist study at Level 3. The qualification can be taken in combination with A Levels or other vocational qualifications to meet progression requirements.

Where does it lead? This qualification carries UCAS points and is recognised by higher education providers as meeting admission requirements to many relevant courses. When taken alongside other Level 3 qualifications such as A Levels, this qualification provides an opportunity to progress to higher education to study a BTEC Higher National in a computing discipline, a degree in a computing discipline or a degree where computing-related skills and knowledge may be advantageous, such as business studies.

What do I need? Students are required to have at least 5 GCSEs at grade A*-C (including Maths & English Language grade 9-5). Students would be required to have some understanding of basic programming principles, ideally progressing from a computing related level 2 qualification.

Course details:

The objective of this qualification is to provide learners with access to subject knowledge and skills in computer science and computer systems, enabling learners to progress to further study of the sector or other sectors.

The content of this qualification has been developed in consultation with academics to ensure that it incorporates the most up-to-date knowledge and skills to enable progression to higher education. In addition, employers and professional bodies have been consulted on the content development to corroborate its relevance with current industry practice used in computing and related occupational disciplines. Everyone taking this qualification will study three mandatory units. They are:

- Unit 1: Principles of Computer Science - (Externally assessed)
- Unit 2: Fundamentals of Computer Systems – (Externally Assessed)
- Unit 7: IT Systems Security and Encryption. – (Internally Assessed)

The optional units have been designed to support choices in progression to computing courses in Higher Education, and to link with relevant occupational areas. Everyone taking this qualification will complete one additional optional unit decided by the school. Some of the options include (all optional units are internally assessed):

- Unit 11: Digital Graphics and Animation
- Unit 15: Website Development.
- Unit 17: Mobile Apps Development

The course will be assessed through 2 internal and 2 externally marked assessments in the form of written exams a synoptic element for one exam.

For further information contact:

Mr Gupta or Mrs Lynott

Criminology

Level: Level 3 Diploma – Applied general qualification

Examination board: WJEC

Introduction: WJEC Level 3 Diploma in Criminology is a qualification with elements of psychology, law and sociology that complements studies in humanities. It has been designed to offer applied learning through the acquisition of knowledge and understanding in purposeful contexts linked to the criminal justice system. It is likely to be studied alongside GCE A Levels.

Where does it lead? An understanding of criminology is relevant to many job roles within the criminal justice sector, social and probation work, e.g. the National Probation Service, the Courts and Tribunal Service or the National Offender Management Service. Being an applied general qualification it is designed primarily to support learners accessing higher education degree courses, such as a BA or BSc Criminology or BSc (Hons) Criminology with Law, Psychology or Sociology.

What do I need? Pathway A or B: A high level of literacy so GCSE grade 5 in English (Language or Literature)

Course details: There are four mandatory units

UNIT 1 Changing Awareness of Crime	UNIT 2 Criminological Theories
demonstrate understanding of different types of crime, influences on perceptions of crime and why some crimes are unreported	demonstrate an understanding of why people commit crime, drawing on what they have learned in Unit 1.
UNIT 3 Crime Scene to Courtroom	UNIT 4 Crime and Punishment
display an understanding of the criminal justice system from the moment a crime has been identified to the verdict. develop an understanding and display the skills needed to examine information in order to review the justice of verdicts in criminal cases	apply an understanding of the awareness of criminality, criminological theories and the process of bringing an accused to court in order to evaluate the effectiveness of social control to deliver criminal justice policy.

Assessment

The WJEC Level 3 Diploma in Criminology is assessed using a combination of internal and external assessment.

Unit 2 and 4 are externally assessed as follows: a 90-minute examination with a total of 75 marks; three questions on each paper with both short and extended answer questions based on stimulus material and applied contexts.

Unit 1 and 3 are internally assessed through summative controlled assessment in a model assignment. The three controlled stages are task setting, taking and marking.

Grades are awarded A* to E

For further information contact:

Mr C Jones or Miss M Lay



Design and Technology Product Design

Level: 3 Advanced GCE

Examination Board: Edexcel

Introduction

Product Design is about equipping students with design skills for the future - Students will be able to recognise design needs and develop an understanding of how current global issues, including integrating technology, impacts on today's world. Encourages creativity and innovation.

At A level students will have the confidence to innovate and produce creative design solutions as they develop their own design brief with a client / end user.

Where does it all lead? An A Level qualification in Product Design could lead the way to studying a degree at University, or a career in one of the many design industries.

Other Students who have followed this course went onto;

- Air accident investigation.

- Supplying materials to the aircraft industry.

- Teaching DT, and PE

- Working as a Policeman

- Employed by John Lewis

What do I need?

A*- B grade GCSE in DT and a grade 5 in English Language

This draft qualification has not yet been accredited by 'Ofqual'.

The DT department will make a final decision and confirm the course and the examination board when further accredited information has been received.

Areas of Study	Assessment
Component 1 Principles of Design and Technology Paper code; 9DT0/01	Written examination: 2 Hours 30 minutes 50% of the qualification 120 marks
Content Overview Materials Performance characteristics of materials Digital Technologies Factors influencing the development of products Effects of technological developments Potential hazards and risk assessment Features of manufacturing industries Design for maintenance and a cleaner environment Current legislation Information handling, Modelling and planning Further processes and techniques	
Component 2 Independent Design and Make Project: Paper code; 9DT0/02	Non Examined Teacher assessed unit 50% of the qualification 120 marks
Assessment Overview Part 1 Identifying opportunities for design Part 2 Designing a Prototype Part3 Making a Prototype Part 4 Evaluating own design and prototype	

**For further information contact any of the DT team
Mr S Bonser – Head of Design and Technology**

English Literature

Level: A Level

Examination board: (AQA Specification B)

Introduction: Do you enjoy reading a range of different genres? Do you like to delve deeper into how and why authors write in the way that they do? Why not consider studying English Literature at A Level. This course will provide you with a comprehensive study of key texts from the 1500s onwards whilst looking in depth at specific genres and contexts, as well as an understanding of key literary theories such as Marxism, feminism etc.

Where does it lead? Studying English Literature helps to sharpen your analytical skills. If you can take a text and find the themes plus connect it with other texts, theories and historical events, you are showing that you can handle complex ideas, search for patterns and interpret information in a wider context. You will also develop your planning and research skills as well as gain knowledge of history, culture, philosophy and even human behaviour. English is good for any job that involves communication, writing and / or literary knowledge. These include: advertising, marketing, writing and journalism, law, consultancy, business, teaching, performing arts, academia, government, linguistics, foreign languages, media and design. Careers in the sciences, engineering, technology and maths also need more English than you think. Writing proposals, academic papers and articles and communicating with others is key to getting funding for projects and reaching people with your work. English Literature A-level is an essential subject for any English degree. Some Drama, Media Studies, American Studies and Law degree courses will also ask for an English Literature A-level.

What do I need? A 7 grade or higher in English Literature at GCSE level.

Course details:

Paper 1: Literary Genres

Content

Aspects of tragedy

This unit explores how texts can be connected through a mainstream literary genre: the aspects of Tragedy. The choice of the texts have been selected and grouped together because they share some of the features of traditional tragic drama, which have their origins in the Ancient World.

- **'King Lear' or 'Othello' by William Shakespeare**
- **'Death of a Salesman' by Arthur Miller**
- **'Tess of the D'Urbervilles' by Thomas Hardy**

Assessment

Written exam: 2 hours 30 minutes.

Closed book

75 marks - 40% of A-level

Paper 2: Texts and Genres

Content

Elements of political and social protest writing

Although it could be claimed that all texts are political, what defines the texts here is that they have issues of power and powerlessness at their core, with political and social protest issues central to each text's structure. The political and social protest genre covers representations of both public and private settings.

- **'Song of Innocence and Experience' by William Blake**
- **'The Handmaid's Tale' by Margaret Atwood**
- **'The Kite Runner' by Khaled Hosseini**

Exam will include an unseen passage.

Assessment

Written exam: 3 hours

Open book

75 marks - 40% of A-level

Non-exam Assessment (coursework)

Theory and Independence

Content

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.

Assessment

- Assessed by teachers
- Moderated by AQA
- 50 marks
- 20% of A-level

For further information contact:

Mrs Onan-Read

English Language

Level: A Level

Examination board: (Edexcel Specification)

Introduction: Do you enjoy reading a range of different media? Do you like to delve deeper into how and why authors write in the way that they do? Are you interested in how authors craft their language for purpose or audience? Why not consider studying English Language at A Level. This course will provide you with a comprehensive understanding of linguistic study, looking at key topics such as how language has changed over time and how children learn to speak.

Where does it lead? English Language is a course that builds strong analysis, writing and communication skills as well as the ability to debate ideas, and is therefore an excellent addition to any combination of subjects. English is good for any job that involves communication, writing and / or literary knowledge. These include: advertising, marketing, writing and journalism, law, consultancy, business, teaching, performing arts, academia, government, linguistics, foreign languages, media and design. Careers in the sciences, engineering, technology and maths also need more English than you think. Writing proposals, academic papers and articles and communicating with others is key to getting funding for projects and reaching people with your work.

What do I need? A 6 grade or higher in English Language at GCSE level.

Course details:

Paper One: Language Variation

2 hour 15 mins written exam – 35% A Level

Students will explore:

- how language varies depending on mode, field, function and audience
- how language choices can create personal identities
- language variation in English from c1550 (the beginnings of Early Modern English) to the present day.

Paper Two: Child Language

1 hour written exam – 20% A Level

Students will explore:

- spoken language acquisition and how children learn to write between the ages of 0 and 8
- the relationship between spoken language acquisition and literacy skills that children are taught, including the beginnings of reading
- appropriate theories of children's language development.

Paper Three: Investigating Language

1 hour 45 mins written exam – 25% A Level

Students will:

- select a research focus from five topic areas
- develop their research and investigation skills
- undertake a focused investigation
- apply their knowledge of language levels and key language concepts developed through the whole course

- develop their personal language specialism.

Coursework

20% A Level

Students will:

- research a selected genre
- demonstrate their skills as writers within their selected genre, crafting texts for different audiences and/or purposes
- reflect on their research and writing in an accompanying commentary.

For further information contact:

Mrs Onan-Read

French

Level: A Level

Examination board: AQA

Introduction: You will develop your understanding of themes relating to the society and culture of the countries where French is spoken, and your language skills. You will do so by using authentic spoken and written sources in French.

Where does it lead? An A level in French is highly regarded by universities and is required for a French degree. A Foreign language is a vital tool in many careers such as international law, business, fashion, teaching, civil service or foreign office.

What do I need? a B in French

Course details:

- 1. Social issues and trends:** Current trends and issues: The changing nature of the family, the cyber-society, the place of voluntary work, positive features of a diverse society, life for the marginalised, how criminals are treated.
- 2. Political and artistic culture:** A culture proud of its heritage, contemporary francophone music, cinema, Teenagers, the right to vote and political commitment, demonstrations, strikes, politics and immigration.
- 3. Grammar**

Options

Works: Literary texts and films.

Students will study either one text or one film from the list below:

Texts:

Molière le Tartuffe
Voltaire Candide
Maupassant Boule de suif et autres contes de la guerre
Camus L'étranger
Francoise Sagan Bonjour tristesse
Claire Etcherelli Elise ou la vraie vie
Joseph Joffo Un sac de bille
Faiza Guène Kiffe kiffe demain
Philippe Grimbert Un secret
Delphine de Vigan No et moi

Films

Au revoir les enfants
La haine
L'auberge espagnole
Un long dimanche de fiancailles

Entre les murs
Les 400 coups

How will you be assessed?

All examinations will take place at the end of the two year course.

Paper one: Listening, Reading and Writing will assess the core content. 2h30 minutes. 40% of A level

Paper two: Writing will assess one text or film and grammar. 2 hours. 30% of A grade

Paper 3: Speaking will assess one sub-theme from current trends and political and artistic culture in the French speaking world, and an individual research project. 21-23 minutes. 30% of A level.

For further information Contact:

Mrs McMinn

Geography

Level: A Level

Examination board: AQA

Introduction: The AQA A level in Geography specification will excite students' minds, challenge perceptions and stimulate their investigative and analytical skills. The content includes a blend of traditional geography units and new focus areas to provide a developed experience from GCSE Geography.

Where does it lead?

Geography bridges the gap between the arts and sciences. Its links with all other curriculum areas enables Geography to harmonise well with most subjects. You will gain an understanding and appreciation of the world around you and further many skills learnt at GCSE.

What do I need?

Grade B in GCSE Geography.

Course details:

Component 1: Physical geography

What's assessed?

Section A: Water and carbon cycles

Section B: Coastal systems and landscapes

Section C: Hazards

Component 2: Human geography

What's assessed?

Section A: Global systems and global governance

Section B: Changing places

Section C: either Contemporary urban environments or Population and the environment or Resource security

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. This should be 3,000–4,000 words. It makes up 20% of the A-level Geography grade.

Assessment

Students sit two written exams in physical and human geography. Both papers are 2 hours 30 minutes and worth 96 marks. Each paper makes up 40% of the A-level Geography grade.

Question types: multiple-choice, short answer, levels of response, extended prose.

Grades are awarded A* to E

For further information contact:

Mr A Pye

Geology

Level: A Level

Examination board: OCR

Introduction: The OCR A Level in Geology has been designed to inspire your learners, develop their interest in, and enthusiasm for, the subject and uses an engaging, flexible approach. Geology is a science and links well to other science based subjects and Geography.

Where does it lead?

1. Develop their interest in, and enthusiasm for geology, including developing an interest in further study and careers in geology;
2. Develop essential knowledge and understanding of different areas of geology and how they relate to each other;
3. Appreciate how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society;
4. Develop and demonstrate a deeper appreciation of the skills, knowledge and understanding of How Science Works;
5. Appreciate geodiversity, the finite nature of the Earth's resources and the need for

What do I need? Grade B in GCSE Geography or Physics / Chemistry / Biology

Course details:

Content Overview Assessment Overview Content is split into seven teaching modules:

- Module 1 – Development of practical skills in geology
- Module 2 – Foundations in geology
- Module 3 – Global tectonics
- Module 4 – Interpreting the past
- Module 5 – Petrology and economic geology
- Module 6 – Geohazards
- Module 7 – Basin analysis Components 01–03 assess content from all seven modules.

Assessment

The OCR A level Geology is assessed using a combination of three external examinations and one internal assessment.

1. Fundamentals of geology 110 marks 2 hour 15 minutes written paper 41% of total A Level
 2. Scientific literacy in geology 100 marks 2 hour 15 minutes written paper 37% of total
 3. A Level Practical skills in geology 60 marks 1 hour 30 minutes written paper 22% of total A Level
 4. Practical endorsement in geology (04) (non-exam assessment) Reported separately
- Grades are awarded A* to E

For further information contact:

Mr A Pye

BTEC Level 3 National Extended Certificate in Health and Social Care

Level: level 3

Examination board: Pearson

Introduction: This qualification is ideal for anyone interested in a role in the health and social care sector, which employs almost four million people in the UK. During the course students cover a range of topics such as key job roles, the framework in which staff operate and the importance of appropriate patient care. Students will gain key skills to help them pursue a career or further education in this field.

Where does it lead? Past students have followed a range of careers such as nursing, paramedic science, sport science and childcare studies. Although well suited to anyone interested in pursuing a career in health and social care, the course aims to develop universal key skills such as critical thinking, collaborative working and time management.

What do I need? Two science GCSEs at grade C and a grade 5 English language GCSE.

Course details:

The course consist of four units:

- Human lifespan development
- Working in health and social care
- Meeting individual care and support needs
- Physiological disorders and their care

The course consist of two examined units and two portfolio based units. 58% of the course is externally assessed.

For further information contact:

Mrs V Moore

History

Level: A Level

Examination board: OCR

Introduction: You will develop a number of key skills which Universities and employers look for, these include: the ability to select information from a broad range of materials; evaluating and then drawing conclusions from data; preparing reasoned and structured arguments in favour or against a hypothesis; research skills; independence; analysis skills; understanding information to apply to a puzzle; communications skills both verbally and in writing; time management and prioritising of tasks; solving historical conundrums; planning and organising to complete tasks and finally the drive and determination to succeed.

Where does this lead? History is a popular subject and highly regarded both by employers and in further education. Studying history equips you with skills useful in a variety of occupations. Students who have studied A level at The Cottesloe School have gone on to a number of prestigious Universities including Cambridge and Kings College London.

What do I need? : GCSE History at B grade or above or English language grade 6 or above.

Course details:

You will study 4 modules all of which are assessed at the end of year 13. The course covers both British and international history and covers a breath of 200 years.

Unit 1 Britain 1930-1997 Churchill 1930-1951.

25% of the A level and exam of one hour and 30 minutes.

Unit 2 A non British period study. The USA in the 19th century: Westward expansion and the American civil war 1803-1890. Worth 15% of the A level , 1 hour exam.

Unit 3 Thematic study and historical interpretations: Russia and its rulers 1855- 1964. Worth 40% of the A level, a 2 hours and 30 minutes exam

Unit 4 Coursework Internally marked and externally moderated. 3000-4,000 word researched essay based upon an independent investigation of an historical issue, the choice of topic may be one from the other units studied or can be something the student has not studied at A level. Worth 20% of the A level.

All the courses are examined at the end of the course in year 13.

Resources

Students will be required to buy texts for each of the units. You will be advised of which ones by your class teacher.

For further information contact

Mrs D Roberts Head of History

Law

Level: A Level

Examination board: OCR

Introduction: Some students take A Level Law because they already know that they want a career in law. The A Level gives an excellent introduction for students who want to read law at university or start a legal apprenticeship. Universities recognise the advantages of A Level Law and the old view that it should not be studied has long since faded away.

However, A Level Law is not just for students who want to enter the legal professions as it links well with science, humanities and social science subjects including history, sociology, philosophy, economics and business to name just a few.

Where does it lead? Students wishing to continue their legal studies after A levels can opt for a university degree or work-based apprenticeship. Both of these routes can lead to the qualifications required to become a solicitor, barrister or legal executive. Other popular careers include the police, teaching, social work, business and accounting.

What do I need? Pathway A: A high level of literacy is required so GCSE grade 6 or higher in English (Language or Literature) and a minimum of a B/(6) in History, Law or a similar subject.

Course details:

Assessment

CONTENT OVERVIEW	ASSESSMENT OVERVIEW
Paper One: The legal system and criminal law	Written two hour paper 100 marks 33 1/3% of total A level
Paper Two: Law making and the law of tort	Written two hour paper 100 marks 33 1/3% of total A level
Paper Three: The nature of law and an option between human rights law or the law of contract	Written two hour paper 100 marks 33 1/3% of total A level

For further information contact:

Mr C Jones

Mathematics

Level: A Level

Examination board: EDEXCEL

Introduction: The skills developed through the study of Mathematics are in high demand from employers. In addition to developing the ability to solve problems and think logically, the study of Mathematics provides opportunities to develop team-working skills, resilience, effective communication of complex ideas and the ability to use your own initiative.

Where does it lead? Mathematics A level is a highly regarded qualification no matter where your future leads you. It is an essential entry requirement to Scientific, Engineering, Information Technology, Architecture, Accountancy and many other degree subjects and careers.

What do I need? GCSE Maths grade 7 or above.

Course details:

A level Mathematics is a linear course with all examinations at the end of year 13. It has a simple 2:1 ratio of pure to applied content.

Component	Overview	Assessment
Paper 1: Pure Mathematics 1	AS content assessed at A level standard	2 hours 100 marks
Paper 2: Pure Mathematics 2	Remaining pure content which builds on and incorporates AS content	2 hours 100 marks
Paper 3: Statistics and Mechanics	Section A: Statistics Section B: Mechanics	2 hours Section A: 50 marks Section B: 50 marks

Key topic areas:

Pure maths	Statistics	mechanics
<ul style="list-style-type: none"> Algebra and functions, sequences and series, calculus, coordinate geometry, trigonometry vectors. 	<ul style="list-style-type: none"> Statistical sampling Data presentation Probability Statistical distributions Statistical hypothesis testing 	<ul style="list-style-type: none"> Quantities and units in mechanics Kinematics Forces and Newton's laws moments

For further information contact:

Mrs L Evans – KS5 Coordinator Mathematics

Btec Level 3 National Certificate in Performing Arts

Level: Level 3

Examination board: Pearson (EDEXCEL)

Introduction: This is an ideal course for performers who share a love of creating, devising and collaboration in the Performing Arts. The qualification allows actors, dancers and singers to explore the work of practitioners and to devise their own productions. Musicians who are interested in Musical Theatre may also enjoy this programme, which is highly interactive and will enable you to develop the professionalism required for a career in the Performing Arts industry.

Where does it lead? On successful completion you will be well prepared for a career in the Performing Arts or to pursue further training in your chosen specialism.

What do I need? You are required to have a grade 5 or above in GCSE English and B grade in either GCSE Music, Drama or Dance.

Course details:

This is a Level 3 National Extended Certificate equivalent to 1 A level.

There are 3 mandatory units:

- Investigating Practitioners' Work (externally assessed)
- Developing Skills and Techniques for Live Performance (internally assessed)
- Group Performance Work

For assessment in 2019, you will also complete the following unit from the list of options.

- Variety Performance

For further information contact:

Please speak to a member of the Performing Arts Team.

Religious Studies – Philosophy and Ethics

Level: A Level

Examination board: AQA

Introduction: The aims of the course are to study core philosophical, theological and ethical theories and learn to evaluate them critically. Through the study of Philosophy and Ethics students will develop the ability to formulate and structure an argument, identify and draw out weaknesses and to express themselves logically and with precision.

Where does it lead? An A Level in Philosophy of Religion and Ethics is highly regarded by universities and is excellent preparation for degrees in Philosophy, Theology and Religious Studies, PPE Sociology and Law. Graduates in these subjects may go on to careers in Law, Civil Service, Foreign Office and Teaching. The Ethical theories studied in this A Level are also highly relevant to degrees in Medicine, Science and Business.

What do I need? B in Philosophy and Ethics or grade 6 in English Language

Course details:

Philosophy of Religion

You will study classical arguments for the existence of God, the Problem of Evil, and the relationship between Religion and Science.

Content: Religious Ethics

You will study what it means to be good, how a good action is decided and how to apply this to ethical issues.

Christianity

You will study the religious beliefs, teachings, values and practices of Christianity, with reference to its place in contemporary society.

For further information contact:

Miss Cox and Miss Lay

Physics

Level: A Level

Examination board: OCR

Introduction: The A level Physics course will prove fascinating to anyone who has an interest in how the world around us works, from the very small: quantum phenomena and particle physics, to the very large: astrophysics and relativity, there are topics to engage the most inquisitive minds. Perhaps you have heard about the recent discovery of the Higgs Boson (CERN) or maybe you are a keen astronomer with a real interest in space; if so this is the course for you...

Where does it lead? Physics will help you to build up your problem solving, research, and analytical skills. With these skills you'll be able to test out new ideas plus question and investigate other people's theories, which is useful for any kind of job that involves research or debate.

Physics is a seriously useful subject for the majority of STEM (Science, Technology, Engineering & Maths) careers and you'll find physicists everywhere, in industry, transport, government, universities, the armed forces, the secret service, games companies, research labs and more.

Physics is especially helpful for jobs that involve building things and developing new technologies, including: engineering, astronomy, robotics, renewable energies, computer science, communications, space exploration, science writing, sports and games technology, research and nanotechnology (that's engineering on a seriously tiny molecular scale).

What do I need? Students are required to have either - (a good) B grade in GCSE Physics and grade 7 Maths.

You will also need to provide your own text book for the course.

Course details:

There are 6 units that all students have to study.

Module 1 – Practical Skills

Module 2 – Foundations of Physics

Module 3 – Forces and Motion

Module 4 – Electrons, Waves and Photons

Module 5 – Newtonian World and Astrophysics

Module 6 – Particles and Medical Physics

Students will be assessed in three written exams at the end of the course and will also receive a practical endorsement which is reported separately

For further information contact:

Mr Garland – Head of Science/Physics

Psychology A

Level: A Level

Examination board: AQA

Introduction: Psychology is a popular subject which is attractive to students because it develops a range of valuable skills, including critical analysis, independent thinking and research.

Where does it lead?

These skills are particularly relevant to young people and are transferable to further study or the workplace. This qualification offers students an engaging and stimulating introduction to the study of psychology, combined with the academic integrity and skills that Higher Education and employers value. Careers are many and varied from clinical, health or educational psychology to the criminal justice sector. However, studying psychology will benefit any career path.

What do I need?

Pathway A: GCSE Level 6 or higher in English Language, Maths and a Science subject.

Course details:

Compulsory content

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

OPTION GROUPS	ASSESSMENT
Option 1 9 Relationships, 10 Gender, 11 Cognition and development	Paper 1: Introductory Topics in Psychology Written exam; 2 hours 96 marks 33.3% of A-level Compulsory 1 – 4
Option 2 12 Schizophrenia, 13 Eating behaviour, 14 Stress	Paper 2: Psychology in Context Written exam; 2 hours 96 marks 33.3% of A-level Compulsory 5 – 7
Option 3 15 Aggression, 16 Forensic Psychology, 17 Addiction	Paper 3: Issues and Options in Psychology Written exam; 2 hours 96 marks 33.3% of A-level Compulsory 8 and optional content: one topic from each option group

Assessment

In the form of multiple choice, short answer and extended writing

For further information contact:

Mrs A Kokuti

BTEC National Certificate in Applied Science

Level: Level 3

Examination board: EDEXCEL

Introduction: The Pearson BTEC Level 3 National Extended Certificate in Applied Science is intended to be an Applied General qualification for post-16 students wanting to continue their education through applied learning and who aim to progress to higher education, and ultimately to employment, possibly in the applied science sector. The qualification is equivalent in size to one A level and makes up a third of a typical study programme, normally alongside other A level or vocational qualifications at level 3.

Where does it lead? A BTEC in Applied Science will prepare you for a career in the applied science sector. This can include biomedical, forensic and physical and chemical sciences. You will also be prepared to enter high education for courses related to applied science such as nursing, environmental science and sport science among others.

What do I need? Students are required to have 5 GCSEs at grade A*-C (grade 9-5 Maths and English) including science at grade B and an enthusiasm for all areas of science.

Course details:

There are 4 units that are studied over the two years:

Unit 1: Principles and applications of science (assessed by exam)

Unit 2: Practical Scientific Procedures and Techniques (assessed by internal assignments)

Unit 3: Science Investigation Skills (assessed by external assignments)

Unit 8: Physiology of human body systems (assessed by internal assignments)

Assignments are assessed continually throughout the year with the exception of unit 1 which is assessed in a one and a half hour exam.

You will achieve a Pass, Merit or Distinction for each assignment and as an overall grade at the completion of the course.

For further information contact:

Mrs Beatty

Sociology

Level: A Level

Examination board: AQA

Introduction: Our qualification offers an engaging and effective introduction to Sociology. Students develop knowledge and understanding about society and its academic study. Our course will help students understand society's structures, processes and issues. Sociology is exciting, interesting and relevant to students' lives.

Where does it lead? The course has close links with higher education and the British Sociological Association (BSA). This helps students to progress to further study and employment such as undergraduate studies in sociology, social policy or criminology. Careers include all areas of the criminal justice system, social services and careers within both local and central government.

What do I need? GCSE Level 6 in English Language and Maths

Course details:

	ASSESSMENT
Paper 1 Education and Theory and Methods	Written exam; 2 hours 80 marks 33.3% of A-level
Paper 2 Families and Households and Beliefs in Society	Written exam; 2 hours 80 marks 33.3% of A-level
Paper 3 Crime and Deviance with Theory	Written exam; 2 hours 80 marks 33.3% of A-level

Assessment

In the form of short answer and extended writing

For further information contact:

Miss C Cowley / Miss M Lay

Btec National Extended Certificate in Sport

Level: 3

Examination board: Edexcel

Introduction: The Pearson BTEC National Extended Certificate in Sport is intended to be an Applied General qualification for post 16 students wanting to continue their education through applied learning, and who aim to progress to higher education and ultimately to employment in the sporting sector. The qualification is equivalent in size to 1 A Level. And aims to provide a coherent introduction to the study of Sport and Physical Education. Students wishing to take this BTEC will have successfully completed a level 2 programme of learning with GCSEs or vocational qualifications.

Where does it lead? The extended Certificate is for learners who are interested in learning about the sporting sector alongside other fields of study, with a view to progressing to a wide range of higher education courses.

What do I need? Distinction at Level 2 Certificate in Sport, B grade GCSE Physical Education and Science.

Course details: There are many different career paths for those who wish to work within the sporting sector. These include, Sports Coaching, Fitness Instruction, Sports Media, Physical Education, Sports Psychology, and Physiotherapy.

The course content has been developed to ensure that it supports progression to higher education. The course will be delivered over 4 units, 2 externally assessed and 2 internally assessed, they are:

Externally Assessed

1. Anatomy and Physiology
2. Fitness Training and Programming for Health, Sport and Well-being

Internally Assessed

1. Professional development in the Sports Industry
2. Sports Psychology

The course is assessed both internally and externally. Anatomy and Physiology is a written exam, whilst Fitness Training and Programming for Health, Sport and Well-being will be a synoptic assessment. This will also be externally marked. The remaining units will be assignment based and assessed internally.

For further information contact:

Mr G Magill