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YEAR 13 ENTRY

FOR SEPTEMBER 2021

FOR STUDENTS GOALS CAREERS SUPPORT DEPARTMENT



Congratulations – you have reached a milestone in your education. At the end of this year you will come to the end of compulsory education and you have three options:

1. Remain in school and choose subjects for AS and A2 level.
2. Transfer to a College of Further Education or Training Organisation.
3. Enter full-time employment or take an apprenticeship.

These are competitive times with places in higher education and in the world of work going to those who are best qualified and skilled. I cannot stress the importance of performing well in your GCSE examinations, particularly in those subjects that you wish to select for AS and A2 Level.

I warmly invite you to consider a place in Senior School in Glenlola Collegiate; an exciting, supportive and rewarding environment in which to reach your potential.

Mr M Harding (Head of Senior School)

INTRODUCTION

This book contains information about all the subjects available at AS and A2 Level in Glenlola Collegiate School and it is provided so that parents and pupils are informed about what each subject involves before you make your choices. We hope you find it useful.



Subjects will be scheduled where the class size is viable and where there is available resource within the School to deliver the course. Where numbers choosing a particular subject are small it may be necessary for the course to be taken in collaboration with another school in the Bangor Learning Partnership.

Requirements for degree courses can vary widely between institutions and it is vital that you carry out careful research at this stage to ensure the most appropriate choice of subjects at AS Level. It is important to emphasise that the AS Level examination taken at the end of Year 13 represents a substantial weighting in terms of the overall A Level, and that AS examination results must be declared on your UCAS application. AS Level results are also used to inform predicted A Level grades, used by universities when making decisions about course offers.

You should choose subjects which are required for your university courses or career path, subjects which you enjoy and are likely to achieve top grades in and, where possible, subjects which demonstrate breadth across a range of disciplines.

With this in mind, your attention is drawn to the '**Criteria for Entry to Senior School**', which are printed on pages 6 and 7 in this book and the information on each subject from pages 13 to 38. You should have already discussed subject choices with your parents/guardians.

ROLE OF THE CAREERS DEPARTMENT

The Careers Department in Glenlola works to enable you to make informed decisions about your future career. Following the mock examination results in January, you will indicate your proposed subject choices for AS Level study. Decisions about AS choices can impact upon options in Higher Education and future career direction.



Year 12: An individual careers interview taken by Careers Advisers and the Parent Consultation afternoon provide support, advice and guidance for future plans.

Years 13 and 14: Pupils take part in work experience placements, attend careers conventions and Open Days and have presentations from universities. They will also have timetabled Careers classes taken by Careers staff.

Unifrog: In keeping with our commitment to provide our pupils with outstanding careers guidance and tailored support when choosing subjects, career planning and deciding on their next steps, we have invested in Unifrog with the support of the PTA; an award-winning, online careers platform. Unifrog brings into one place every undergraduate university course, apprenticeship and college course in the UK, as well as other opportunities, such as School Leaver Programmes, MOOCs, every college at Oxford and Cambridge and other options at European and World universities. This makes it easy for pupils to compare and choose the best university courses, apprenticeships or further education courses for them. Pupils also have access to a comprehensive Careers and Subjects library for research. All pupils will be registered to use the platform and will be given guidance on how they can make use of it.





IMPORTANT DATES

Three important dates for your diary are:

Year 12 Parent Consultation Afternoon: Date to be confirmed in line with Government guidance

Date for submitting AS Level subject choices: March 2021



AS Level subject choices should be returned by the date given in the subject choice email using the Google Form link. An AS Level Subject Choices Form is included with this booklet for reference.

THE CURRICULUM IN YEARS 13 AND 14

Students will study three or four subjects at AS Level in Year 13.

YEAR 13 TIMETABLE ALLOCATIONS ARE: (50 periods per fortnight)

NUMBER OF AS SUBJECTS	PERIODS OF EACH SUBJECT	TOTAL PERIODS PER FORTNIGHT	SUPERVISED STUDY /GENERAL STUDIES
3	9	27	23
4	9	36	14

A LEVEL STUDY

AS/A Level studies are more difficult and demanding than GCSEs. You will be expected to work with greater independence, display higher levels of personal organisation, self-motivation and maturity and develop a broader range of skills and qualities.

As part of our commitment to meeting the 'Entitlement Framework' we offer a number of applied AS Level courses. These courses are work related and may be more appropriate to those pupils who intend to pursue a related career. They should not be regarded as easier than traditional A Levels since success in them will require pupils to be very well organised and to meet a large number of challenging deadlines as a larger proportion of marks available are awarded for coursework. Some universities (for example, Russell Group Universities, Informed Choices website – see page 11) may give preference for high demand academic courses to applicants who have not studied any, or more than one, applied subject.

As part of the Department of Education's collaboration initiative through the Bangor Learning Partnership, some additional subjects may be delivered by other local schools or SERC. You will receive information about these subjects as soon as it becomes available.

GENERAL STUDIES

As well as studying your chosen subjects, you will take part in the General Studies programme. All pupils complete modules in **Study Skills** and **Careers** in Senior School. The aim of these programmes over the two year period is to provide you with a range of formal classes, lectures and practical experience. These will complement your studies and help develop a wide range of personal skills and interests, such as initiative and adaptability, which are necessary for future study, the world of work and recreation. You may also choose to participate in an optional extra-curricular programme to further develop your skills for employment.

PRIVATE STUDY

Private Study demands considerable self-discipline; time is precious and if squandered it cannot be recalled. You are strongly advised to take advantage of the excellent study facilities offered to Senior School pupils. At the beginning of Year 13 guidance will be given on the use of private study.



WORK EXPERIENCE

All pupils will be expected to take part in the programme of work experience during Year 13. Relevant work experience can be a requirement for certain university courses and it is valuable preparation for the world of work. If you are interested in careers related to education and care, you are encouraged to participate in the School's teaching and volunteering programmes.



SKILLS

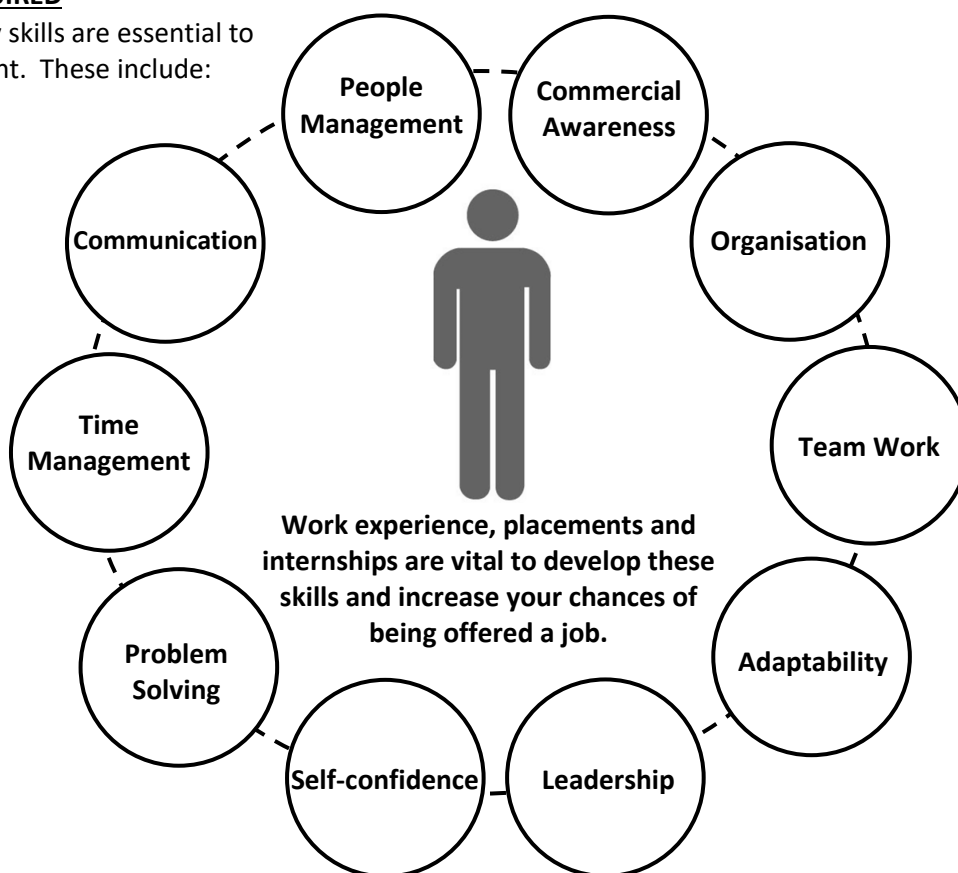
Everyone needs skills to succeed in life and work. Skills will help you succeed in your chosen career. Employers are often looking for skills that go beyond qualifications and experience.

A pupil's education and experience may make them eligible to apply for a job but, to be successful in most roles, they will need employability skills that they are likely to develop over time. Some will be specific to the job, but the vast majority will be skills that can be used in any job or employment sectors.

As a general rule, employers are willing to teach someone the job-specific skills required, such as how to operate pieces of machinery, or use computer packages that are very specific to that role or company. However, they usually want to see that you already have the other skills before hiring, because they are harder to teach.

WIDER SKILLS REQUIRED

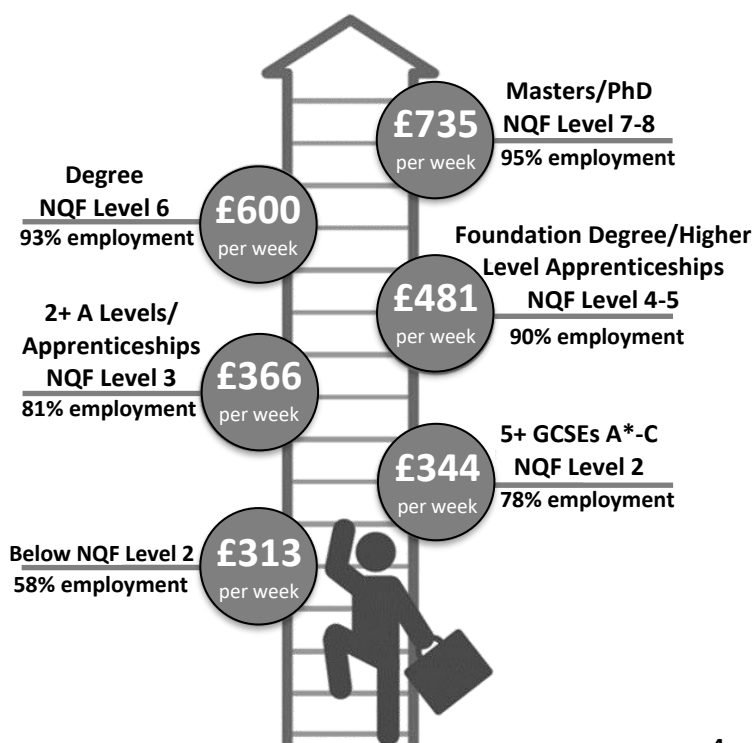
Wider employability skills are essential to securing employment. These include:



IMPORTANCE OF SKILLS

The more you learn the more you earn. By continuing into further and higher level education you can greatly increase your earnings potential and employment prospects.

The term skills covers a wide spectrum of character traits and interpersonal skills that, generally, reflect how you interact with people. While building the right educational foundations and earning appropriate qualifications are important, they are not enough to determine success in the modern age - a willingness to learn is the natural pathway to success. It would seem that at the centre of achieving success is building and maintaining core skills that can help you in any job, throughout your life.



SKILLS AND EMPLOYMENT

LMI EMPLOYMENT PROJECTIONS

NI Top 10 growth sectors (2018-2028)

Information and Communication

Manufacturing

Restaurants and Hotels

Finance and Insurance

Arts and Entertainment

Professional, scientific and technical

Health and Social Work

Admin and Support Services

Education

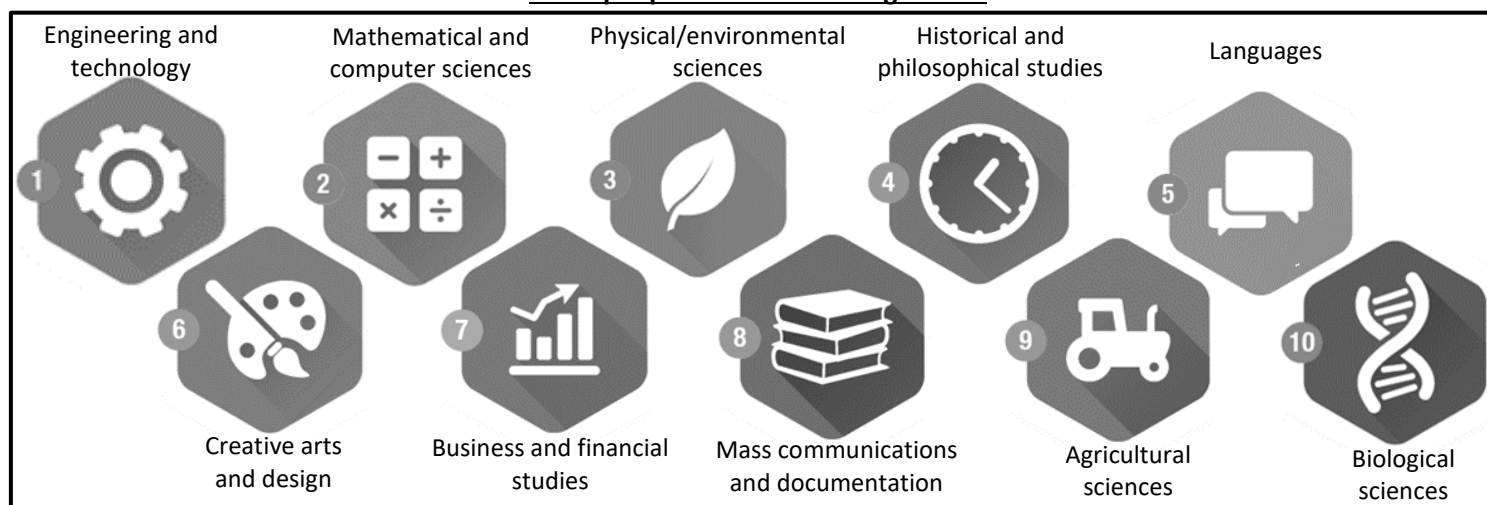
Construction

There will be growth opportunities for all skills levels across a range of sectors - the focus will be predominantly on higher level skills.

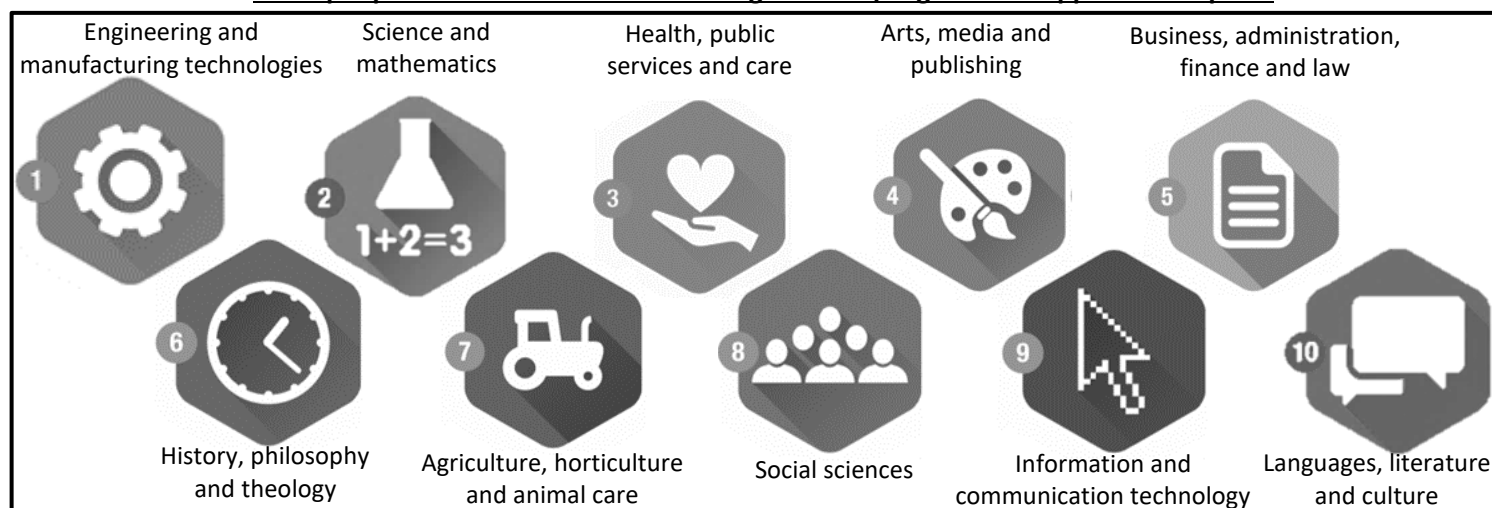
SUBJECTS IN DEMAND – NI SKILLS BAROMETER 2018-2028

STEM related subjects will be in most demand reflecting the anticipated growth in the ICT, professional services and advanced manufacturing sectors. STEM qualifications will also be demanded by a wider range of sectors across the economy.

More people needed with degrees in:



More people needed with foundation degree level / higher level apprenticeships in:



All of the subjects above are listed in priority order of demand.



CRITERIA FOR ENTRY INTO SENIOR SCHOOL

The demands of Senior School are best met by pupils who have achieved a GCSE profile that adequately equips them for A Level study. The Board of Governors will consider applications of those pupils who will make a positive contribution to the life of Glenlola Collegiate School. However, places cannot be offered in situations where resources or facilities would be prejudiced. All pupils will sign their applications to Senior School and by doing so agree to adhere to the School Rules concerning behaviour, attitude, attendance and the wearing of school uniform.

ENTRY INTO YEAR 13:

The minimum criteria for entry to Year 13 are listed below:

GCSE EXAMINATION PERFORMANCE

- Under a scoring system of:

GRADE	POINTS
A*	4
A	3
B	2
C*	1.5
C	1

- A total of **12 or more points** are required at GCSE Level.
- These passes should include at least a C grade in both English and Mathematics.
- In the case of non-CCEA GCSEs, scores will be allocated as Grade '9' = 4 points, Grade '8' = 3.5 points, Grade '7' = 3 points, Grade '6' = 2 points, Grade '5' = 1.5 points and Grade '4' = 1 point.
- In special circumstances it is at the discretion of the Board of Governors to consider offering places to pupils who have achieved less than 12 GCSE points.
- In cases where special circumstances apply, parents should provide medical and/or other reports in support of their application.

INDIVIDUAL SUBJECT REQUIREMENT

- Pupils are expected to study a minimum of 3 AS subjects. For any subject they wish to take to A Level, pupils will normally be expected to meet the GCSE grade and other requirements specified for that subject. This information is made available to pupils in Year 12.
- In some subjects, it is advisable that an A grade be achieved before embarking on A level study. Page 12 details the GCSE grade and other requirements for entry into each AS subject.
- Pupils should note that a minimum of 20 GCSE points is required if they wish to study 4 AS subjects.

GENERAL SCHOOL RECORD

- Each applicant must have demonstrated a positive attitude to the School and to their work, and must also have achieved a minimum overall attendance of 90% (in normal circumstances) up to the start of Study Leave in Year 12.
- Where subjects are oversubscribed, selection will be based on marks achieved at GCSE Level in that subject and/or a pupil's overall performance.
- In the case of applicants from other post-primary schools a general report or reference will be required in addition to the criteria set out above. This report must include a summary of the pupil's academic and attendance records as well as commenting upon their general behaviour.
- Pupils may be disqualified from entry into Senior School if general adherence to School rules has been an issue. Entries in the Behaviour Management System and subsequent detentions may result in a pupil not being given a place.
- In cases where special circumstances apply, parents should provide medical and/or other reports in support of their application.

3 OR 4 AS LEVEL COURSES

It is envisaged that pupils will take three or four AS Levels in Year 13 leading to three A2 levels in Year 14. The majority of pupils will study 3 AS Levels. If choosing 4 AS Levels, ideally the fourth subject should be a contrasting/ broadening one. **You should only select to study 4 subjects if you are intending to continue all of them to examination.**

COURSES	ENTRY REQUIREMENTS
4 AS levels	- A minimum of 20 GCSE points. - Individual entry requirements should be met for each subject.
3 AS levels	- A minimum of 12 GCSE points. - Individual entry requirements should be met for each subject.



CRITERIA FOR ENTRY INTO SENIOR SCHOOL



Should I choose three or four subjects in Year 13?

This very much depends on your personal agenda and your anticipated GCSE results. Choosing four AS Levels gives you more flexibility when choosing which three to continue with at A2 Level in Year 14, but there is very little point in stretching yourself to breaking point and choosing four AS Levels if you are going to struggle to cope. You should not be influenced by the number of subjects your friends are doing. The reality is that most universities still only require three A Levels for entry. Pupils who intend to apply for high demand courses including Medicine, Veterinary Science, Dentistry, Oxbridge and other courses at more competitive universities will be advised to take 4 AS Levels, providing their GCSE profile suggests that they have the aptitude to do so. The majority of degree courses at Irish Universities (CAO) would require 4 AS Levels. If you decide to study a collaborative course through SERC, then you will only study 3 subjects in total.

Reducing AS Subjects from 4 to 3: Pupils should only select 4 AS subjects if they intend to complete the course for the entire year. In the event a pupil wishes to drop a subject, this should be done in consultation with subject, Senior School and Careers staff and only after Halloween.

EXTERNAL APPLICATIONS

In the case of applicants from other post-primary schools a general report or reference will be required in addition to the criteria set out above. This report must include a summary of the pupil's academic and attendance records as well as commenting upon their general behaviour. Applications from external applicants will be considered, with admissions dependent on the number of existing pupils progressing to Years 13 and 14.

The following admissions criteria apply:

- 1. Academic Profile:** External applicants will be required to meet the minimum criteria.
- 2. General School Record:** A general report or reference will be required to satisfy criteria.

ENTRY INTO YEAR 14:

The essential minimum criteria for entry to Year 14 are listed below:

AS EXAMINATION PERFORMANCE

The current points system used by the Universities and Colleges Admission Service (UCAS) is as follows:

A Level grades A*, A, B, C, D and E are worth:

GRADE	POINTS	
	AS	A2
A*	-	56
A	20	48
B	16	40
C	12	32
D	10	24
E	6	16

- Applicants to Year 14 must attain a minimum of **30 points** based on the UCAS tariff system.
- For A Level specifications which do not offer the option of an AS cash-in, internal examination results in Year 13 will be graded and the corresponding points will be awarded.
- It is expected that pupils study a minimum of 3 subjects at Glenlola Collegiate in Year 14.
- In cases where the minimum AS points requirement has not been achieved, the opportunity to repeat Year 13 may be offered at the discretion of the Principal where it is believed that it is in the best educational interests of the pupil to do so. This offer may be conditional on a review of subjects studied.
- In addition to achieving 30 AS points, pupils must also have displayed an acceptable attitude and commitment to their Year 13 studies. High levels of attendance as indicated above for Year 12 Entry form part of a pupil's commitment to their work.
- Pupils may not be offered a place in Senior School if effort in studies and/or general adherence to School Rules has been an issue.
- Entries in the Behavioural Management System and subsequent detentions may result in a pupil not being given a place.
- In cases where special circumstances apply, parents should provide medical and/or other reports in support of their application.



INDIVIDUAL SUBJECT REQUIREMENTS

- For most subjects, you wish to take to A Level, you will normally be expected to have achieved at least a **Grade B in GCSE**, except where prior study is not a prerequisite to taking the subject in Senior School. This includes a number of subjects which are offered only at A Level.
- For many subjects, there is clear statistical evidence that students with a C grade at GCSE have only a small chance of attaining a pass at AS or A2 level.
- In some subjects, it is advisable that an **A grade** be achieved before embarking on A Level study. Information regarding individual subject entry requirements is available on page 12 of this book.



AS AND A LEVEL SUBJECTS OFFERED THROUGH ENGLISH EXAMINATION BOARDS

In England, there is a requirement that all A Level courses are linear. This means that, where AS examinations are available, results **do not** contribute to the overall result at A2 Level. Therefore, pupils taking a subject offered through an English examination board will be considered as committing to a two year full A Level course. If you are considering choosing one of these subjects you should speak to the relevant Head of Department to find out how this will impact the individual subject as this will vary according to examination board.

The subjects currently using English examination boards are Psychology, Sociology (AQA), Theatre Studies (Edexcel) and PE (WJEC).

You must study a minimum of 3 AS subjects but may study up to 4 subjects in Year 13 (only 3 subjects will be studied if a chosen course is a collaborative course through SERC). At the end of the year you will take modular examinations in all or some of them, potentially gaining an AS Level qualification in all or some. To enable a much wider choice of university courses it is strongly recommended that three of these subjects will be continued into Year 14, taking further examination to A2 level. The final A Level grades (A* to E for pass standard, with U (unclassified) for fail) will be based on the sum of AS (40%) and A2 (60%) module marks in each subject studied through CCEA. English examinations boards will award a grade based on the final examinations at the end of two years study.

AS AND A2 LEVEL SUBJECT NOMINATIONS GUIDANCE

SUBJECT CHOICE FORM

An AS Level Subject Choices Form accompanies this book. Please make your subject choices on this sheet and return it to your Form Teacher by the date indicated. You should discuss your choices with your parents. You must remember that even though you are indicating your subject choices now, not all combinations will be possible and it may be necessary for you to make changes. You will be notified by staff if any issues arise.

GENERAL INFORMATION

Every pupil must check the UCAS website (see page 11) for individual university course requirements in terms of numbers of subjects to be taken and preferred subject patterns. Some universities may not accept students into certain courses with more than one applied subject e.g. Russell Group Universities (see Informed Choices website – page 11).

When nominating subjects, the following advice should be taken into account:

- Think about your interests, abilities and long-term aims so that you keep open a breadth of careers which suit you.
- All subjects share the same general objectives: to teach you how to find, sift and evaluate information; how to analyse problems and construct possible solutions; how to present a well-argued case either in written form or orally; how to cope with complex issues.

The importance of any subject depends on what YOU want to do in the future. If you take up a subject because of its career value rather than your ability in it, you must be prepared to work really hard for success.

- It is usually desirable when selecting subjects for a specialised course to choose those which are related and appropriate to the career being pursued.
- Find out as much as possible about the subjects being offered. Do not assume that the courses are just a continuation of GCSE - most AS/A2 Level subjects will be very different at this higher level.
- Seek detailed information about any of the new or applied subjects which might interest you.
- Talk to your teachers as they have the correct information about all the specifications.

Changing your subject choice before you start your AS Level course: If you change your mind before the end of the year or over the summer holidays it may be possible to accommodate your new choice, **subject to places being available in the chosen course and the change fitting within the option blocks.** You should discuss any changes with your parents and careers staff.

Changing courses after you start your AS Level course: If you start an AS Level course in September and then wish to change courses you must make this decision **within the first three weeks.** During that time, it may be possible to accommodate your new choice and combination of subjects, **subject to places being available** in the chosen subject.



SUBJECTS OFFERED AT AS/A2 LEVEL

Please use this page to help you make your subject choices for Year 13.

In order to widen your options, there are a number of new subjects available for study at A level. **However, you should NOT select more than TWO subjects that you have not studied at GCSE.**

Glenlola Collegiate currently offers the following subjects for study at AS/ A2 Level:

SUBJECTS		
Art and Design*	German	PE*
Biology	Government and Politics	Physics
Business Studies	Health and Social Care*	Psychology
Chemistry	History	Religious Studies
Digital Technology*	Life and Health Sciences*	Sociology
English Literature	Mathematics	Spanish
French	Moving Image Arts*	Technology and Design*
Further Mathematics	Music*	Theatre Studies*
Geography	Nutrition and Food Science	

*Applied Subjects

Pupils should nominate four or three subjects in order of preference on the subject choice form. These nominations should be made in full consultation with School staff and parents. Only 3 courses should be selected if a collaborative course through SERC is chosen.

PLEASE NOTE:

- We will try to provide the combination of subjects chosen by pupils, but we cannot guarantee that this will happen. If there are timetabling difficulties with a chosen combination of subjects, it will be necessary to discuss this with you and you will have to review the choice.
- Subjects may only operate if there is a viable number of pupils. If there are insufficient numbers in any course it may not run.
- If a subject is over-subscribed, order of preference may be used to select pupils.
- If you want to change your mind later, that may be possible, but only if your change fits within the timetabled blocks and does not make a class too large.

COLLABORATIVE COURSES

There may be other subjects available as collaborative courses within the Bangor Learning Partnership (BLP). Please note the following important information about **collaborative courses**.

1. At present, the subjects on offer are Engineering, Production Arts, Hospitality, Children's Care, Learning and Development and Sports and Exercise Science. This may be subject to change. Some information on these subjects can be found on the following page (page 10).
2. Only a limited number of places will be available for these subjects.
3. **You may access a maximum of 1 course through collaboration and you should only select 3 subjects in total.**

If you select a collaboration course, you should also nominate an alternative subject that is offered in Glenlola Collegiate School. This is indicated on your subject choice form.

PLEASE NOTE: It is important to note that if you nominate and are accepted for any of the collaborative subjects this may affect the choices available to you at Glenlola. If you are considering studying collaborative subjects you must be aware that there will be some impact on your other AS class time. This is due to the timetables in the collaborative schools not being fully aligned.



COLLABORATIVE COURSES OFFERED THROUGH SERC

BTEC LEVEL 3 IN ENGINEERING

This course is designed for students who are interested in a career in the engineering sector. Learners will take a practical, applied engineering course as part of their Level 3 study, which gives them an introduction to the sector. They will be able to combine this with other qualifications, such as a GCE A Level in Mathematics or Physics, which would allow them to progress to higher education to study engineering or other STEM-related programmes.

Engineering covers a broad variety of roles and it involves the application of scientific principles and practical knowledge to transform ideas and materials into products and systems safely and support them during their lifetime. This qualification has a focus on a broad range of engineering specialist areas. Learners taking this qualification will study:

- engineering principles and mathematics
- health and safety, team work, interpreting and creating computer-aided engineering
- drawings
- design and manufacture of products.

The qualification is recognised by higher education providers as contributing to meeting admission requirements for many relevant courses in a variety of areas of the engineering sector.



BTEC LEVEL 3 IN PRODUCTION ARTS

This qualification aims to provide a broad educational base for further training, education and employment within the performing arts sector. The course will encourage students to develop skills as a production arts specialist and aims to provide the basic skills necessary for a wide range of production disciplines. Units studied may include:

- Production Arts Workshop
- Production Arts Planning
- Performing Arts Business
- Stage Lighting Operations
- Stage Sound Operations
- Scenic Construction for the Stage
- Props Making
- Designing Costume for Performance
- Stage Management



BTEC LEVEL 3 IN HOSPITALITY

Over the past few years, employment in the hospitality industry has increased faster than for the economy overall. But there remain significant skills gaps, particularly in: customer service; interpersonal skills; supervisory skills; finance; and employability skills. These transferable skills will enable students to meet changing circumstances, whether these arise from the shift in their own sphere of employment, promotion to supervisory/management roles or from general changes in business practices and the hospitality environment. Modules studied may include:

- The Hospitality Industry
- Principles of Supervising Customer Care
- Providing Customer Services
- European Food
- Human Resources in Hospitality
- Food and Drinks Service
- Alcoholic Beverage Service



BTEC LEVEL 3 IN SPORTS AND EXERCISE SCIENCE

This course provides students with an opportunity to learn about both the theoretical and practical elements of sport. Everyone taking this qualification will study three mandatory units, covering the following content areas:

- functional anatomy
- applied sport and exercise psychology
- coaching for performance and fitness



The mandatory content allows students to concentrate on the development of their practical skills and the broad knowledge required for entrance to higher education programmes in sport and exercise science. Students take one optional unit from a small range of options, which have been designed to support progression to a variety of sport courses in higher education and to link with relevant occupational areas. In addition to the sport and exercise science sector-specific content, the requirements of the qualification will mean students develop the transferable and higher-order skills that are highly regarded by higher education and employers. The qualification carries UCAS points and, when taken alongside another Level 3 qualification, it may be recognised by higher education providers as meeting admission requirements for many relevant sport science or related courses.

BTEC LEVEL 3 CHILDREN'S CARE, LEARNING AND DEVELOPMENT

This course provides much of the underpinning knowledge for the National Occupational Standards in Children's Care, Learning and Development, as well as a good deal of the underpinning knowledge for the National Occupational Standards in Playwork. Consequently, they act as a robust introduction to both sectors. They prepare learners for employment in the sectors or for Higher Education. In the BTEC you will study units in:

- Positive Relationships for Children's Care, Learning and Development
- Positive Environments for Children's Care, Learning and Development
- Reflecting on Practice in the Children's Care, Learning and Development Sector*
- Promoting Children's Development
- Safeguarding Children



All units in this course are examined through ongoing assignments. There are placements totalling 60 hours across the two years (encompassed by work experience plus teaching practice) which must be in two different settings, normally a pre-school setting and then a childcare setting, and they are assessed regularly by work-based assessors. Please note: This is the legacy specification and you should check carefully if this is accepted by your universities of choice.



USEFUL WEBSITES

The internet has a vast array of useful information which can be utilised when making career choices. It is important to check the subject requirements for any occupations or university courses of interest. This enables appropriate choices to be made, which will lead in the desired direction. At this stage, the emphasis is on keeping the options open for any areas of interest, where possible. It is important to balance the desire to follow a particular career with the enjoyment and ability in the necessary subjects.



SOME WEBSITES THAT ARE USEFUL FOR CAREERS INFORMATION ARE:

www.unifrog.org

This online platform brings all the available information into one single, impartial, user-friendly platform that helps pupils to make the best choices, and submit the strongest applications.

www.ucas.com

University admissions requirements: If you are interested in a university course, it is important to check all the relevant information to make sure that the entry requirements for a particular course may be met. The most useful source of information is the UCAS website. Use 'Search for Courses' and click on 'Undergraduate' and use this UCAS search tool to search for university courses and their entry requirements by subject.

www.nidirect.gov.uk/careers

The NI Careers Service website also provides comprehensive information on a wide range of careers, employment, labour market information and higher education. It contains an A-Z of careers and case studies and it is tailored to cater for a Northern Ireland audience.

www.informedchoices.ac.uk

Pupils should be aware that a number of high demand universities (commonly referred to as the 'Russell Group') give preference to certain A level subjects when making offers for their courses. A list of these subjects can be accessed on this website. The website also includes a tool for pupils to test out different combinations of post-16 subjects to see which degrees they may open up.

www.qub.ac.uk Queen's University website

www.ulster.ac.uk University of Ulster website

www.cao.ie Information on courses at Irish Universities can be researched using this website.

www.prospects.ac.uk

A graduate careers website which gives information on the opportunities open to you when you graduate.

www.studentfinancenl.co.uk

Higher education finance information.

Details of examination specifications for each subject can be found on the relevant examination board websites:

www.ccea.org.uk

www.aqa.org.uk

www.wjec.co.uk

qualifications.pearson.com (Edexcel)

INDIVIDUAL SUBJECT INFORMATION

Information on individual subjects offered at Glenlola Collegiate School can be found on the following pages:

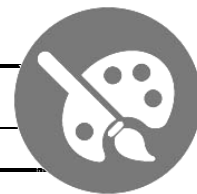
PAGE	SUBJECT	PAGE	SUBJECT
12	GCSE Criteria for Access to AS Level Subjects	26	Life and Health Sciences
13	Art and Design	27	Mathematics
14	Biology	28	Moving Image Arts
15	Business Studies	29	Music
16	Chemistry	30	Nutrition and Food Science
17	Digital Technology	31	PE
18	English Literature	32	Physics
19	French	33	Psychology
20	Further Mathematics	34	RS
21	Geography	35	Sociology
22	German	36	Spanish
23	Government and Politics	37	Technology and Design
24	Health and Social Care	38	Theatre Studies
25	History		



GCSE CRITERIA FOR ACCESS TO AS LEVEL SUBJECTS IN YEAR 13 2021-2022

The essential GCSE criteria for study at AS Level are outlined beside each subject. Other desirable qualifications and aptitudes that would be advantageous, though not essential, are stated where relevant and while it will be possible to study the subject at AS Level without these, a pupil choosing to do so would be likely to have to make a more determined and sustained effort to ensure success.

SUBJECT	MINIMUM GCSE REQUIREMENT (ESSENTIAL)	DESIRABLE GCSE REQUIREMENT
ART	Grade 'B' in Art with evidence of a high level of commitment and motivation demonstrated at GCSE.	Grade 'A' in Art.
BIOLOGY	i) Grade '7' in AQA Biology with a grade 'C' in Chemistry and a grade 'B' in Mathematics and English OR ii) grade 'AA' in Double Award Science with a grade 'A' mark in the Biology and Chemistry modules and with grade 'B' in Mathematics and English.	Grade '8 or 9' in Biology with a grade 'C' in Chemistry GCSE.
BUSINESS STUDIES	No prerequisite. The pupil's overall performance at GCSE will be applied if oversubscribed.	Grade 'B' in any one of English Language, English Literature, History or Religious Studies.
CHEMISTRY	i) Grade 'A' in Chemistry OR ii) grade 'A*A' in Double Award Science with a grade 'A' mark in the Chemistry module and either grade 'A' in Mathematics or grade 'B' in Mathematics plus a grade 'C' in Further Maths.	GCSE Chemistry score of 355 and over and grade 'A' in Mathematics.
DIGITAL TECHNOLOGY	Grade 'B' in Digital Technology or Grade 'A' in Mathematics.	Grade 'A' in Digital Technology and have a good record of being able to meet GCSE coursework deadlines.
ENGLISH LITERATURE	Grade B in both English Language and English Literature at GCSE Level.	Grade A in both English Language and English Literature at GCSE Level.
FRENCH	Grade 'B' in French.	Grade 'A' in French.
FURTHER MATHEMATICS	Grade A* in Mathematics plus a grade A in Further Maths.	Grade A* in Mathematics and at a grade A* in Further Maths.
GEOGRAPHY	Grade 'B' in Geography.	Grade 'A' in Geography.
GERMAN	Grade 'B' in German.	Grade 'A' in German.
GOVERNMENT & POLITICS	No prerequisite. The pupils' overall performance at GCSE will be applied if oversubscribed.	Grade 'B' in any one of English Language, English Literature, History or Religious Studies.
HEALTH & SOCIAL CARE	No prerequisite. If oversubscribed the pupil's performance in English Language will be considered.	If the course is oversubscribed then priority will be given to those who have obtained at least a 'B' grade in Home Economics and/or a satisfactory attainment level in controlled assessment work at GCSE.
HISTORY	Grade 'B' in History.	Grade 'A' in History.
LIFE AND HEALTH SCIENCES	i) Grade 'C*' in Biology and Chemistry GCSE higher tier OR ii) grade 'A' in Single Award Science OR iii) grade 'BB' in Double Award Science and have a good record of being able to meet GCSE deadlines due to the need to independently complete practical investigations. (*Note: This course may not be taken in conjunction with another science A level)	Grade B in Biology and Chemistry and a Grade 'C' in Physics OR ii) grade 'A*' in Single Award Science OR iii) grade 'AA' in Double Award Science and have a good record of being able to meet GCSE deadlines due to the need to independently complete practical investigations.
MATHEMATICS	Grade 'A' in Mathematics with a minimum UMS mark of 345 or Grade 'A' in Mathematics and a grade 'B' in Further Mathematics.	Grade A in Mathematics and at least a grade 'C' in Further Maths.
MOVING IMAGE ARTS	No prerequisite.	If the course is oversubscribed then priority will be given to those who have obtained at least a 'B' grade in ICT, Art or Drama and/or a satisfactory attainment level in controlled assessment work at GCSE.
MUSIC	Grade 'B' in GCSE Music and at least grade 5 practical by the end of Year 12.	Grade 'A' in GCSE Music and at least grade 5 practical by the end of Year 12.
NUTRITION AND FOOD SCIENCE	Grade 'B' in HE or grade A in Biology and grade A in Chemistry.	Grade 'A' in HE.
PHYSICAL EDUCATION	Grade 'B' in PE.	Grade 'A' in PE.
PHYSICS	i) Grade 'A' in Physics OR ii) Grade of 'AA' at Double Award with a high grade 'A' mark in the Physics module, as well as a grade 'A' in Mathematics GCSE and a grade 'A' or a 'B' in Further Mathematics.	Grade 'A' in Mathematics.
PSYCHOLOGY	Grade 'B' in Mathematics and grade 'C' in English and grade 'C' in a Science.	A grade 'B' in any one of English Language, English Literature, or a Science subject.
RELIGIOUS STUDIES	Grade 'B' in Religious Studies.	Grade 'A' in Religious Studies.
SOCIOLOGY	Grade 'B' in any one of English Language, English Literature, History or Religious Studies.	Grade 'A' in any one of English Language, English Literature, History or Religious Studies.
SPANISH	Grade 'B' in Spanish.	Grade 'A' in Spanish.
TECHNOLOGY AND DESIGN	Grade 'B' in Technology and Design.	Grade 'A' in Technology and Design with a proven track record in meeting coursework deadlines.
THEATRE STUDIES	Grade C* in Drama at GCSE Level.	Grade B in Drama at GCSE Level. Raw mark at GCSE will be applied if oversubscribed.
COLLABORATIVE COURSES AT SERC	All collaborative courses offered through SERC require passes in English Language and Mathematics.	

**ART AND DESIGN****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 Years**Course Content**

AS Level	A2 Level
In the AS units, you will study: AS 1: Experimental Portfolio Students develop, explore and record ideas. AS 2: Personal Response Students present a personal outcome in response to the theme.	At A2 Level: A2 1: Personal and Critical Investigation (including a 1000-3000 word written investigation) A2 2: Thematic Outcome Students present an outcome in response to the theme.

Assessment (Including Coursework)

Students may follow a broad pathway through Art, Craft and Design – Combined Studies, or choose from one of three specialisms:

- Photography and Lens-Based Media;
- Three-Dimensional Design; or
- Textiles.

The course has four units: two at AS Level and two at A2:

AS Level	A2 Level
AS 1: Experimental Portfolio Students develop, explore and record ideas. Teachers assess students' work, and CCEA moderate the marks. Weighting: 50% of AS 20% of A Level AS 2: Personal Response Students present a personal outcome in response to the theme. Students bring this to completion during a 10 hour controlled test. Teachers assess the controlled task, and CCEA moderate their marks. Weighting: 50% of AS 20% of A Level	A2 1: Personal and Critical Investigation • Written and practical work inform each other and are integrated, but are marked separately. Teachers assess the practical investigation, and CCEA moderate the marks. 40% of A2 (24% of A Level) • Written investigation 1000–3000 words – externally assessed. 20% of A2 (12% of A Level) Weighting: 60% of A2 (36% of A Level) A2 2: Thematic Outcome Students present an outcome in response to the theme. Students bring this to completion during a 15 hour controlled test. Teachers assess students' work, and CCEA moderate the marks. Weighting: 40% of A2 (24% of A Level)

Career Opportunities

Studying Art and Design creates a pathway to a career in a creative industries-related field. It requires students to develop transferable skills such as creativity, innovation, higher level thinking skills and problem solving. It also develops in depth knowledge of art and design through research and practical activities, intellectual capabilities and independent approaches to learning. Careers opportunities include: Artist, fashion, advertising, graphic design, architecture, photography, product/textile design, interior design, teaching.

**BIOLOGY****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 years**Course Content**

AS Level	A2 Level
AS 1: Molecules and Cells Molecules, enzymes, viruses, cells, cell physiology, continuity of cells, tissues and organs AS 2: Organisms and Biodiversity Transport and exchange mechanisms in animals and plants, adaptation in the context of habitat studies, principles of classification and biodiversity AS 3: Practical skills in AS Biology Practical activities which are designed to aid understanding of concepts and processes or to illustrate biological processes AS makes up 40% of the full A Level	A2 1: Physiology, Co-ordination and control, and Ecosystems Homeostasis, immunity, nervous and hormonal control in animals and plants, ecosystems A2 2: Biochemistry, Genetics and Evolutionary Trends Biochemistry of respiration and photosynthesis, genetics, and classification of animals and plants A2 3: Practical Skills in Biology Practical activities which are designed to aid understanding of concepts and processes or to illustrate biological phenomena. A2 makes up 60% of the full A level

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: AS 1: Molecules and Cells (1hour 30mins) Weighting: 37.5% of AS; 15% of A Level AS 2: Organisms and Biodiversity (1 hour 30 mins) Weighting: 37.5% of AS; 15% of A Level AS 3: Practical Skills in AS Biology (1 hour) Assesses the practical skills developed throughout the AS course in AS 1 and AS 2 Weighting: 25% of AS; 10% of A Level	EXAMINATION: A2 1: Physiology, Co-ordination and control, and Ecosystems (2h hours 15 mins) Weighting: 24% of A Level A2 2: Biochemistry, Genetics and Evolutionary Trends (2h hours 15 mins) Weighting: 24% of A Level A2 3: Practical Skills in Biology (1 hour 15 mins) Weighting: 12% of A Level
COURSEWORK: - Assesses the practical skills developed throughout the AS course in AS 1 and AS 2. - Students record evidence of completing 7 of the 11 prescribed practical tasks in a lab book. - Each task is marked on a scale of 0-3, gaining a maximum of 21 marks from the 7 tasks. - Coursework is teacher assessed and moderated by CCEA.	COURSEWORK: - Assesses the practical skills developed throughout the AS course in A2 1 and A2 2. - Students record evidence of completing 5 of the 8 prescribed practical tasks in a lab book. - Each task is marked on a scale of 0-3, gaining a maximum of 15 marks from the 5 tasks. - Coursework is teacher assessed and moderated by CCEA.

Career Opportunities

Through following this course, you will develop skills that are valued in Further and Higher Education, including an ability to understand complex processes, analysis, evaluation of practices, problem solving and research, and practical skills such as using a microscope, handling apparatus and fieldwork. Many of these skills are also highly valued in the workplace, where the ability to take on board new concepts quickly and to suggest improvements to established practises can be very useful. The ability to understand data presented in a variety of forms, including text, tables and graphs, is also an important transferable skill which is developed through the study of biology at this level.

Knowledge of biological processes has implications for a wide range of fundamentally important areas, including health, food production, conservation and technology. A qualification in Biology may be a prerequisite for entering medicine, nursing, dentistry, veterinary science, speech and language therapy, pharmacology, physiology, biomedical science, forensic science and agriculture.



BUSINESS STUDIES

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 Years

Course Content

AS Level	A2 Level
In the AS units you will: • Be introduced to the world of business. • Develop an understanding of the importance of quality and gain an appreciation of growing a business through marketing activities and e-business. • Appreciate the importance of human resources and a motivated workforce. • Learn about the importance of financial information and its use in decision-making.	If you continue to A2 Level you will: • Explore business planning and risk management when developing business strategies and develop an appreciation of the role of accounting and financial information in making strategic business decisions. • Gain an understanding of the macroeconomic and global framework that organisations operate in. • Develop an appreciation of how ethics and sustainability affect business decision-making and organisational culture.

Assessment

AS Level	A2 Level
EXTERNAL EXAMINATIONS: AS 1: Introduction to Business One hour 30 minutes long Structured data responses based on two case studies (80 marks) Weighting 50% of AS 20% of A Level AS 2: Growing the Business One hour 30 minutes long Structured data responses based on two case studies (80 marks) Weighting: 50% of AS 20% of A Level	EXTERNAL EXAMINATIONS: A2 1: Strategic Decision Making 2 hours Five compulsory structured data responses based on one case study (90 marks) Weighting 30% of A2 A2 2: The Competitive Business Environment 2 hours Six compulsory structured data responses based on one case study (90 marks) This involves analysing problems, evaluating evidence, making proposals for solutions and justifying reasons for proposals suggested. Weighting: 30% of A2

Career Opportunities

There are many different Business related degrees that can be pursued at university. Business related degrees are obviously useful as an entry to the business world in fields such as Accountancy, Marketing, Human Resources, Travel and Tourism, Hospitality, Manufacturing, Retailing, Banking and Business Enterprise.

A Business degree is also a good broad based multidiscipline degree useful for many careers such as Law, Journalism, Politics and the rapidly growing industry of Digital Technology.

**CHEMISTRY****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 years**Course Content**

AS Level	A2 Level
• Basic Concepts in Physical (multi-step moles calculations) and Inorganic Chemistry (explaining trends on the Periodic Table.) • Further Physical and Inorganic Chemistry and an introduction to Organic Chemistry • Basic Practical Chemistry – based on a series of practicals encountered throughout the year.	• Further Physical and Organic Chemistry – A more in-depth mathematical study of many AS topics. • Analytical, Transition Metals, Electrochemistry and Organic Nitrogen Chemistry • Further Practical Chemistry

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: Paper 1: External written examination 1 hour 30 minutes Multiple choice and structured questions Paper 2: External written examination 1 hour 30 minutes Multiple choice and structured questions Paper / Assessment 3: Practical booklet A – taken in the laboratory 1 hour 15 minutes Practical booklet B – taken in the examination hall 1 hour 15 minutes Weighting: 100% of AS 40% of A Level	EXAMINATION: Paper 1: External written examination 2 hours Multiple choice and structured questions Paper 2: External written examination 2 hours Multiple choice and structured questions Paper / Assessment 3: Practical booklet A – taken in the laboratory 1 hour 15 minutes Practical booklet B – taken in the examination hall 1 hour 15 minutes Weighting: 60% of A Level
COURSEWORK: There is no coursework. There is however a Practical examination.	COURSEWORK: There is no coursework. There is however a Practical examination.

Career Opportunities

Studying Chemistry opens the door to a wide range of careers options, both in and out of the laboratory. This is because it provides a knowledge and skills base which is desirable in many occupations. There are endless interesting and rewarding science-based jobs available – these can be in research, outdoors or in other industries you might not have thought of.

As a chemist, you could:

- Fight disease by **discovering and synthesising new medicines**.
- **Protect the environment**.
- **Invent** new products and materials, including cosmetics, paints, food and drink, plastics and much more.
- Solve crime using **forensic analysis**.
- Inspire others through **teaching chemistry**.

An A level in Chemistry is **essential** if you wish to study **Veterinary science, Medicine, Pharmacy or Dentistry**.

**DIGITAL TECHNOLOGY****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 Years**Course Content**

AS Level	A2 Level
At AS Level units, you will study: • System Development • Software Projects/Issues • Programming Structure/Environment • Data Representation • Hardware Architecture and Software • Application Processing/Systems • Web Applications/Development	At A2 Level, you will study: • Network Resources • Databases • Applications of Digital Technology • Robotics • Legislation • You will also complete a portfolio showing an application development task

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: AS1: Approaches to System Development This unit explores approaches to the development of complex digital technology systems, the key stages in the process and the outputs produced. AS2: Fundamentals of Digital Technology In this unit students develop knowledge and understanding of the fundamentals of any digital technology system, such as data representation, computer architecture, software and the user interface. This also provides a foundation for progression to A2. Each paper is one hour 30 minutes Weighting: AS1: 50% of AS (20% of A Level) AS2: 50% of AS (20% of A Level)	EXAMINATION: A21: Information Systems This unit leads on from AS 2 and provides knowledge and understanding of concepts such as computer networks, databases, mobile technologies, cloud computing, legislation, and moral and ethical issues. The paper is two hours 30 minutes Weighting: 40% of A Level
	COURSEWORK: A22: Application Development • Analyse a problem: Design, develop, test, evaluate and produce user documentation to a real world problem. • You will submit a portfolio showing evidence of the analysis, design, development, testing and evaluation of an application for a specified end user. Internal Assessment Weighting: 20% of A Level

Career Opportunities

In today's technological world, Digital Technology is an important and worthwhile qualification. No matter what you decide to do when you leave school, the chances are that you will use digital systems. All aspects of industrial, commercial, financial, medical and leisure business have a demand for technology literate personnel.



ENGLISH LITERATURE

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 Years



Course Content

AS Level	A2 Level
In the AS units, you will study: • AS 1: The Study of Poetry 1900–Present and Drama 1900–Present. Set texts studied: CEA Prescribed Poetry-R. Frost and S. Heaney, S. Plath and T. Hughes (24 poems) and T Williams-‘A Streetcar Named Desire’. • AS 2: The Study of Prose Pre 1900. Set text studied: ‘Frankenstein’ M. Shelley.	In the A2 units, you will study: • A2 1: Shakespearean Genres - Set texts studied:- King Lear’. • A2 2: The Study of Poetry Pre 1900 and Unseen Poetry - Set text studied - Chaucer-The Wife of Bath’s Prologue and Tale. Selection of unseen poetry. • A2 3: Internal Assessment - Set texts studied focusing on prescribed theme - two novels one of which must be 21st century novel.

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: AS 1: The Study of Poetry 1900–Present and Drama 1900–Present External written examination - 2 hours. Students answer two questions, one from Section A and one from Section B. Section A is open book. Section B is closed book. Weighting: 60% of AS (24% of A Level). AS 2: The Study of Prose Pre 1900 - External written exam - 1 hour. Students answer one question. Closed book. Weighting: 40% of AS (16% of A Level).	EXAMINATION: A2 1: Shakespearean Genres External written exam- closed book, extract based - 1 hour 30 minutes. Students answer one question. Weighting: 20% of A Level. A2 2: The Study of Poetry Pre 1900 and Unseen Poetry External written exam- closed book, resource booklet provided - 2 hours Students answer two questions, one from Section A and the question set in Section B. Weighting: 20% of A Level.
COURSEWORK: N/A at AS Level.	COURSEWORK: A2 3: Internal Assessment Students complete a 2500-word essay. Weighting: 20% of A Level. Before the commencement of the A2 course independent, holiday reading and research about the writers, contexts and the set texts, are compulsory requirements for the successful completion of the A2 course.

Career Opportunities: What can I do with a qualification in English Literature?

An A Level in English Literature develops your skills in written and face-to-face communication, as well as your capacity for research and your ability to understand complex ideas and theories. With this set of skills, you could go into the media industry which includes print, online, TV and radio.

Journalism or publishing are other areas that an A Level in English Literature will allow you to access, for example, you could be an editorial assistant, proofreading and correcting books before they go to print. A job in advertising and PR is also available with a qualification in English Literature, such as a public relations officer or a press officer.

Teaching is another profession open to you, or you could work for an arts organisation, trying to secure funding or publishing material for a museum or a gallery. With further study, you could also go into sectors like law, business, social work or even politics which all require excellent communication skills.

**FRENCH****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 Years**Course Content**

AS Level	A2 Level
In the AS units, you will study: • The French language • The topic of Relationships • The topic of Culture and Lifestyle • The literary text <i>L'Étranger</i>	In the A2 units, you will study: • The French language • The topic of Young People in Society • The topic of Our Place in a Changing World • The literary text <i>Les Mains Sales</i>

Assessment

AS Level (AS: 40% of A Level)	A2 Level (A2: 60% of A Level)
EXAMINATION: AS 1: Speaking Question 1: students give a presentation based on an AS Level theme related to an aspect of a French-speaking country or community (approximately 3 minutes). Question 2: conversation (approximately 8 minutes). Total time: 11 minutes Weighting: 30% of AS Level (12% of A Level) AS 2: Listening (A), Reading (B) and Use of Language (C) Section A: Listening (40 minutes) Students answer 2 sets of questions based on 2 recordings. Recording 1: students answer in French Recording 2: students answer in English Section B: Reading (50 minutes) Question 1: students answer one set of questions in French based on one passage. Question 2: students translate a passage from French into English. Section C: Use of Language (30 minutes) Questions 1, 2, 3, and 4: students complete a series of short grammatical and lexical exercises. Question 5: students translate short sentences from English into French. Total time: 2 hours Weighting: 40% of AS Level (16% of A Level) AS 3: Extended Writing Students write one essay in French in response to a literary text (<i>L'Étranger</i>). Total time: 1 hour Weighting: 30% of AS Level (12% of A Level)	EXAMINATION: A2 1: Speaking Question 1: students introduce and discuss one individual research project based on Belgium. (approximately 6 minutes). Question 2: conversation (approximately 9 minutes). Total time: 15 minutes Weighting: 18% of A Level A2 2: Listening (A) and Reading (B) Section A: Listening (45 minutes) Students answer 2 sets of questions based on two recordings. Recording 1: students answer in French. Recording 2: students answer in English. Section B: Reading (2 hours) Students answer two sets of questions and complete one summary exercise and one translation exercise. Question 1: students complete a gap-filling exercise in French. Question 2: students answer a set of questions in French based on one passage. Question 3: students read a passage in French and summarise it in English. Question 4: students translate a passage from English into French. Total time: 2 hours 45 minutes Weighting: 24% of A Level A2 3: Extended Writing Students write one essay in French in response to a set literary text (<i>Les Mains Sales</i>). Total time: 1 hour Weighting: 18% of A Level

Career Opportunities

Students develop their written and verbal communications skills both in the target language and the mother tongue, as well as their interpersonal and problem-solving skills. They also develop higher order thinking skills, such as analysis, synthesis and evaluation. These skills are suited to careers in the following areas:

- Teaching foreign languages or English as a Foreign Language (TEFL)
- Translating
- Interpreting
- Subtitling
- The Finance Industry
- International Organisations such as the EU Institutions or the UN
- The Public Sector
- Law
- Sales and Marketing
- The Transport, Tourism and Leisure industries



FURTHER MATHEMATICS

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 years



Course Content

AS Level	A2 Level
At AS Level you will: • Unit AS 1: Pure Mathematics: • Unit AS 2: Applied Mathematics	At A2 Level you will: • Unit A2 1: Pure Mathematics • Unit A2 2: Applied Mathematics

Assessment

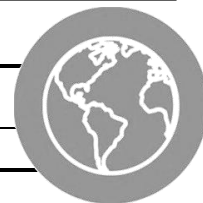
AS Level	A2 Level
EXAMINATION: Paper 1: Unit AS 1 The unit is assessed by a 1 hour 30 minutes examination. Further algebra and functions, Complex numbers, Matrices and Vectors. Weighting: 50% of AS 20% of A2 Paper 2: Unit AS 2 The unit is assessed by a 1 hour 30 minutes examination. Section A: Mechanics (50% of assessment) Hooke's Law, Work and Energy, Power and Circular Motion. Section B: Statistics (50% of assessment) Statistical sampling, Probability, Statistical distributions and Bivariate Distributions. Weighting: 50% of AS 20% of A2 <i>Revised Specification from September 2018</i>	EXAMINATION: Paper 1: Unit A2 1 The unit is assessed by a 2 hours 15 minutes examination. Proofs, Further algebra and functions, Complex Numbers, Further calculus, Polar co-ordinates, Hyperbolic Functions and Differential equations. Weighting: 30% of A2 Paper 2: Unit A2 2: The unit is assessed by a 2 hours 15 minutes examination. Section A: Mechanics (50% of assessment) Simple Harmonic Motion, Damped Oscillations, Centre of mass, Frameworks and Further circular motion. Section B: Statistics (50% of assessment) Linear combinations of Independent events, Sampling and Estimation, The t-distribution and χ^2 tests. Weighting: 30% of A2 <i>Revised Specification from September 2018</i>

Further Opportunities

Studying Further Mathematics helps develop an understanding of how different areas of Mathematics are connected. You will make deductions and inferences, drawing conclusions by using Mathematical reasoning. You will read and comprehend articles concerning applications of Mathematics, communicating their understanding.

These skills are highly transferable and will be beneficial in all science based degree courses.

Please note: Pupils wanting to study Further Mathematics A Level **must** sit their whole A Level Mathematics at the end of Year 13. This Fast track option will require 'A' Grades in both Mathematics and Further Mathematics GCSE.



GEOGRAPHY

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 Years

Course Content

AS Level	A2 Level
At AS you will study: Unit 1: Physical Geography Unit 2: Human Geography Unit 3: Fieldwork Skills and Techniques in Geography (includes 2 day residential fieldtrip)	At A2 you will study: Unit 1: Physical Processes, Landforms and Management Unit 2: Processes and Issues in Human Geography Unit 3: Decision Making in Geography

Assessment (No Coursework)

AS Level	A2 Level
EXAMINATION: Paper 1 Fluvial Environments, Ecosystems and Weather and Climate Paper 2 Population, Settlement and Development Paper 3 Fieldwork Skills and Techniques in Geography (no report to write) Papers 1 and 2 are 1 hour and 15 minutes Paper 3 is 1 hour Weighting: AS is 40% of A Level Geography	EXAMINATION: Paper 1 Plate Tectonics and Dynamic Coastal Environments Paper 2 Planning for Sustainable Settlements and Tourism Paper 3 Decision Making Exercise All papers are 1 hour and 30 minutes Weighting: A2 is 60% of A Level Geography

Career Opportunities

Studying Geography at A Level will develop a range of transferable skills that will be valuable for the world of work including working as part of a team, problem-solving, decision-making, creative thinking and managing information.

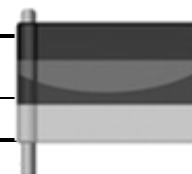
Geography students can have successful and interesting careers in a wide and diverse range of areas such as urban planning, environmental management, weather forecasting, climatology, aid work, travel and tourism, surveying, demography, GIS applications, research and teaching to name but a few.



GERMAN

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 Years



Course Content

AS Level	A2 Level
You will study the following AS themes: • Relationships • Culture and Lifestyle You will also study the film ‘Good Bye Lenin!’ and learn about everyday life in East Germany in 1989.	You will study the following A2 themes: • Young People in Society • Our Place in a Changing World You will also study the book “Der Besuch der alten Dame” which shows the influence a woman can have on society.

Assessment

AS Level	A2 Level
<u>EXAMINATION:</u> <u>AS 1: Speaking</u> -presentation (3 minutes) - conversation (8 minutes) <u>AS 2:</u> (2 hour paper) - Listening - Reading - Translation from German into English - Grammatical exercises <u>AS 3: Extended Writing</u> (1 hour) Write an essay on the film “Good Bye Lenin!” Weighting: 100% of AS 40% of A Level	<u>EXAMINATION:</u> <u>AS 1: Speaking</u> -discussion on prepared topic (6 minutes) - conversation (9 minutes) <u>AS 2:</u> (2 hour paper) - Listening - Reading - Read a text in German and summarise it in English - Translation from English into German <u>AS 3: Extended Writing</u> (1 hour) Write an essay on the text “Der Besuch der alten Dame” Weighting: 100% of A Level

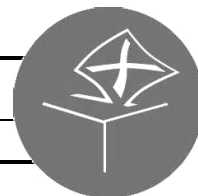
Career Opportunities

A large percentage of the world’s most impressive achievements were first conceived of in the German language. Everything from music to science and literature to opera has deep roots in this rich and flexible language.

Studying German can open many doors for you later on in life; from holidays and travel, friendships and relationships to opportunities for further study and training and, of course, employment. You will gain a wide variety of skills such as translating, interpreting, summarising and essay writing. You will also have a deeper understanding of grammar, literature, film and new cultures and will gain key life skills which are transferable in any job - these include confidence, tolerance, global awareness, a willingness to travel and teamwork skills showing you can work well with your colleagues and employers as well as an individual.

Linguists are seen as so adaptable that they can be trained for almost any job. There will always be jobs for people with language skills because global companies want to build their international markets and local companies want to branch into new markets.

Make your language skill set enhance your employability – sprechen wir Deutsch!

**GOVERNMENT AND POLITICS****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 Years**Course Content**

AS Level	A2 Level
In the AS units, you will study: • AS1: The Government and Politics of Northern Ireland • AS 2: The British Political Process	At A2 Level you will study: • A21: A Comparative Study of the Government and Politics of the United States of America and the United Kingdom. • A2 2: Option A: Political Power

Assessment

AS Level	A2 Level
EXAMINATION: AS1: External written examination with one source and four questions. 1 hour 15 minutes Weighting: 40% of AS (16% of A Level) AS 2: The External written examination with five questions. 1 hour 45 minutes Weighting: 60% AS Level (24% of A Level)	EXAMINATION: A2 1: External written examination with one source and six questions. 2 hours 15 minutes Weighting: (35% of A level) A2 2: External written examination with one source and five questions. 1 hour 30 minutes Weighting: 25% of A Level

Career Opportunities

Studying Government and Politics helps to develop your critical thinking and communication skills. It provides you with a sound basis for continuing study at further or higher education levels, either in Politics or other subjects. It will enhance skills such as interpreting and managing information, decision-making and problem-solving.

Studying Government and Politics is an excellent preparation for many careers and can open up opportunities for employment in areas such as:

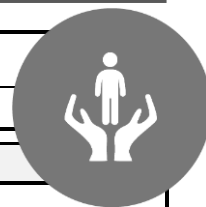
- Civil Service fast streamer
- Government social research officer
- Politician's assistant
- Public affairs consultant
- Public relations account executive
- Social researcher
- Charity officer
- Diplomatic Services operational officer
- Forensic accountant
- Human resources officer
- Local government officer
- Market researcher
- Marketing executive
- Newspaper journalist
- Public relations officer
- Stockbroker



HEALTH AND SOCIAL CARE

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 years



Course Content

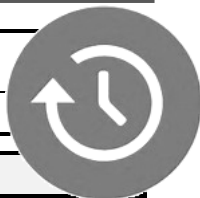
AS Level	A2 Level
- Promoting Quality Care - Communication in Health Social Care and Early years - Health and Well being	- Public Health and Health Promotion - Providing Services - Supporting the Family

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: Health and Well-Being – key concepts of health and well-being and the impact of ill health on individuals. Developing knowledge of the needs of a range of service users. Opportunity to investigate how a range of factors may affect health and well-being. In this unit you study the various approaches used in health promotion gaining an understanding of how individuals can take responsibility for their own health and well-being. A number of organisations contribute to health and well-being, and this unit provides you with the opportunity to investigate their role. Understanding of the impact of discrimination on health and well-being will be developed, and you will develop your knowledge of how anti-discriminatory practice may be promoted. Weighting: (50% of AS Level, 20 % of A Level)	EXAMINATION: Providing Services - provision in the health, social care and early years sectors. You learn about how services have developed and how they are structured, regulated and funded. The unit gives you an opportunity to examine how policy and legislation influence the provision of care services. You develop an understanding of the needs of different service user groups and how these needs may be met by a range of services and practitioners Weighting: (30% of A Level)
PORTFOLIO Promoting Quality Care - you produce a report on a health, social care or early years setting that you have experienced investigating how care workers apply the values of care on a daily basis with service users. You also develop an understanding of how legislation impacts on the quality of care delivered in the setting. This unit also focuses on policies, and you will evaluate the effectiveness of policies in promoting quality care in your chosen setting. The latter part of the unit requires you to research an example of poor practice. Weighting: (25% or 10%) Communication in Health, Social Care and Early Years Settings - This unit requires you to produce a report in which you examine communication skills observed in a health, social care or early years setting. You will develop your knowledge of the different types of communication used in these settings and their purpose. In the unit, you also study how a range of factors may support effective communication with service users. You have the opportunity to investigate how barriers to communication with service users can be overcome. Weighting: (25% or 10%)	PORTFOLIO Public Health and Health Promotion - a written report on current public health issues and health promotion strategies. Students will devise, implement and evaluate a health promotion campaign and write up the results. Weighting: (15%) Supporting the Family - This unit provides you with the opportunity to consider the changing family structures in today's society. You also develop an understanding of a range of factors that influence family life and investigate the services available to families and the support they provide. Assessment for this unit requires you to produce a review of family structures and a case study of a family. You are also required to produce a report focusing on the support available to families experiencing issues such as poverty, addiction, bereavement or racism. Weighting: (15%)

Career Opportunities – Health and Social Care is relevant to a wide range of sectors

Health Care –Midwife, Nurse, Paediatric Care, Occupational Therapist, Speech & Language therapist, Paramedic, Physiotherapist. **Social Care** - Social Worker, Art therapist, Family Support worker, Residential Care, Disability Support, Youth Offenders Support, Adoption and fostering officer. **Early Years and Education** – Childminder, Nursery teacher, Nursery supervisor, KS1 – KS5 teacher, Classroom assistant, Special Educational Needs Teacher **Community Justice** - Police Officer, Probation Officer, Criminologist, Family Court.

**HISTORY****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** AS 1 year/A2 2 years**Course Content**

AS Level	A2 Level
• The history of Germany between 1919 and 1945 including the rise and fall of the Nazis and WW2. • The history of Russia between 1917-41 including the causes of the Russian Revolutions, the rise of communism and the rule of Lenin and Stalin.	• Clash of Ideologies in Europe 1900–2000 • Ireland 1778–1803

Assessment

AS Level	A2 Level
EXAMINATION: AS 1: Historical Investigations and Interpretations External written examination Students answer one short response question and a source-based question with two parts. 1 hour 30 minutes Weighting: 50% of AS (20% of A Level) AS 2: Historical Conflict and Change External written examination. Students answer two questions from a choice of three. 1 hour 30 minutes Weighting: 50% of AS (20% of A Level)	EXAMINATION: A2 1: Change Over Time External written examination Students answer a synoptic essay question. 1 hour Weighting: 20% of A Level A2 2: Historical Investigations and Interpretations External written examination Students answer two source-based questions and one extended essay. 2 hours 30 minutes Weighting: 40% of A Level

Career Opportunities: See <https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree/history>

Many history degree graduates go on to share their interest in the subject by becoming teachers, at secondary level or within universities. The first of these options usually requires completion of a professional teaching qualification, while the second route often requires completion of studies up to PhD level. Many history careers within universities combine both teaching and research, with faculty members serving as lecturers and tutors while also conducting research in their area of expertise.

Careers in archiving and heritage: Museums, galleries, libraries and other historical archives offer opportunities to pursue history careers in archiving and heritage. These focus on the upkeep and organisation of historical artefacts. History graduates have the potential to excel in these roles due to their knowledge of the importance of history and desire to preserve it. Some roles will be administrative and curatorial and others will be in research, focused on digging deeper into historical knowledge (sometimes literally digging, on archaeological trips) in order to add to the body of knowledge about human heritage. Other related roles include museum curation, genealogy, museum education and archaeology.

Less typical careers in history

Careers in Politics: Within the UK one of the most prominent history graduates is former Prime Minister Gordon Brown. Regardless of your views of Brown's politics, this should prove that history careers can be as high-profile as they come. History and politics are very tightly interwoven and although a 'less typical' career path for history graduates, politics careers are very well-suited to history scholars, especially those focus on analysing key political events, the historical development of governmental systems, and the complex factors involved in political leadership and opposition. Unlike many research and heritage roles, careers in politics will allow you to use your knowledge for political development and change.

Careers in Media: Careers in media can include journalism, writing, editing, broadcasting and all things media-related, with jobs as wide-ranging as TV scheduling or radio DJing. Media roles are surprisingly popular careers for history graduates and this is often due to the role that media plays in disseminating information and news to large audiences.

Careers in business and commerce: Although open to all graduates, careers in business and commerce would suit history graduates with a particular interest and knowledge of how business and capitalism has grown and adapted throughout history, and with ideas about how these markets and systems will continue to grow. For some specialised roles, and to improve your career prospects in this area, you may consider a postgraduate degree in a related subject.

Careers in marketing, advertising and public relations: History graduates are well-known as having strong analytical and communication skills, making them a good match for communications-based roles. Careers in marketing, advertising and PR are suited to history graduates who have specialised in understanding how past events and trends have shaped modern society and culture, preparing them to analyse and predict the behaviour of markets and target audiences in current times.

Careers in Law: History graduates are highly valued within the legal profession due to skills in analytical and critical reasoning. Many roles will require further qualifications but history graduates may be suitable for administration and office roles.



LIFE AND HEALTH SCIENCES

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 years



Course Content

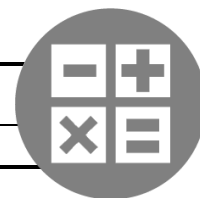
AS Level	A2 Level
AS 1: Experimental Techniques Practical experiments designed to develop skills in performing a range of experimental techniques useful in Biology, Chemistry and Physics AS 2: Human Body Systems Students learn how human body systems work and the assessments carried out by Healthcare professionals to provide information on disease or health status AS 3: Aspects of Physical Chemistry in Industrial Processes Students develop skills in performing calculations in chemistry and learn to apply their knowledge of energetics, kinetics and equilibrium in the industrial manufacture of chemicals AS makes up 40% of the full A Level	A2 1: Scientific Method, Investigation, Analysis and Evaluation Undertake a scientific investigation by carrying out research, communicating results and conclusions and evaluating work A2 2: Organic Chemistry This unit focuses on basic reactions within organic chemistry. Students consider the uses of organic compounds in contributing to an increasing carbon footprint understand how to prepare a simple organic compound and evaluate its purity A2 3: Genetics, Stem Cell Research and Cloning Students learn about the structure of DNA and how replication links to gene therapy and genetic engineering. They will evaluate the social, ethical and economic implications of modern day uses of genetics A2 makes up 60% of the full A level

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: AS 1: Experimental Techniques Internal assessment of a portfolio of practical evidence Weighting: 33.34% of AS; 13.34% of A Level AS 2: Human Body Systems External assessment (1 hour 30 mins) Weighting: 33.33% of AS; 13.33% of A Level AS 3: Aspects of Physical Chemistry in Industrial Processes External assessment (1 hour 30 mins) Weighting: 33.33% of AS; 13.33% of A Level	EXAMINATION: A2 1: Scientific Method, Investigation, Analysis and Evaluation Internal assessment of a portfolio of practical evidence Weighting: 20% of A Level A2 2: Organic Chemistry External assessment (1 hour 45 mins) Weighting: 20% of A Level A2 3: Genetics, Stem cell Research and Cloning External assessment (1 hour 45 mins) Weighting: 20% of A Level
COURSEWORK: - Complete 12 required practicals to illustrate chemistry skills, biology skills and physics skills - Students carry out each investigation, presenting their work in the form of a written report - Each investigation is marked out of 20, gaining a maximum of 240 marks from the 12 tasks. - Coursework is teacher assessed and moderated by CCEA.	COURSEWORK: - Students complete a portfolio of evidence including an essay, plans, a lab book and a report with analysis and evaluation - The essay is marked out of 15, plans and lab book out of 20 marks and the report is marked out of 45. - There is a maximum of 80 marks for this unit. - Coursework is teacher assessed and moderated by CCEA.

Career Opportunities

During this course you will develop competence in a range of practical, mathematical and problem-solving skills that are important in Further and Higher Education and valued in the workplace. In addition, you will develop an understanding of different aspects of science and how they relate to each other. This qualification was developed in partnership with industry to foster essential skills required by this growing sector and is appropriate for entering a range of careers such as biomedical sciences, nutrition, nursing, occupational therapy, speech and language therapy, sports studies, laboratory work or research.

**MATHEMATICS****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 years**Course Content**

AS Level	A2 Level
At AS Level you will: • Unit AS 1: Pure Mathematics: • Unit AS 2: Applied Mathematics	At A2 Level you will: • Unit A2 1: Pure Mathematics • Unit A2 2: Applied Mathematics

Assessment

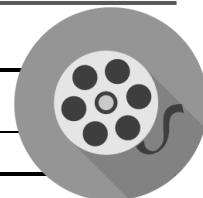
AS Level	A2 Level
EXAMINATION: Paper 1: Unit AS 1 The unit is assessed by a 1 hour 45 minute examination Algebra and functions, Coordinate geometry in the (x,y) plane, Sequences and series, Exponentials and logarithms, Differentiation, Integration and Vectors Weighting: 60% of AS 24% of A2 Paper 2: Unit AS 2 Section A: Mechanics (50% of assessment) Quantities of units in Mechanics, Kinematics, Forces and Newton's Laws Section B: Statistics (50% of assessment) Statistical sampling, Data presentation and interpretation, Probability and Statistical distributions. Weighting: 40% of AS 16% of A2 <i>Revised Specification from September 2018</i>	EXAMINATION: Paper 1: Unit A2 1 The unit is assessed by a 1 hour 15 minute examination Algebra and functions, Coordinate Geometry in the (x,y) plane, Sequences and series, Trigonometry, Differentiation, Integration and Numerical Methods Weighting: 36% of A2 Paper 2: Unit A2 2: Section A: Mechanics (50% of assessment) Kinematics, Moments, Impulse and Momentum Section B: Statistics (50% of assessment) Probability, Statistical distributions and Statistical hypothesis testing Weighting: 24% of A2 <i>Revised Specification from September 2018</i>

Career Opportunities

Studying Mathematics will develop skills in logical thinking, identifying problems and creating solutions, critical thinking, self-management and self-evaluation. Both universities and employers value these skills and are keen to attract candidates with Mathematics A Level.

These skills can lead onto studying in further or higher education in a range of areas and potential careers such as a number of engineering opportunities, finance, accountancy, statistics, actuarial science, computer programming, medicine, dentistry and teaching.

Please note: Pupils wanting to study Further Mathematics A Level **must** sit their whole A Level Mathematics at the end of Year 13. This Fast track option will require 'A' Grades in both Mathematics and Further Mathematics GCSE.

**MOVING IMAGE ARTS****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 years**Course Content**

AS Level	A2 Level
<u>THEORY</u> You will study the technical process behind film-making and film grammar as well as the key developments in early 20th Century cinema. Part 1 - Hitchcock and the Classical Hollywood Style This module introduces the Continuity Style and Auteur Theory through a close study of Hitchcock's films. Part 2 - Formalism and Early European Cinema This module introduces European alternatives to Hollywood cinema and demonstrates how the formalist film movements, German Expressionism and Soviet Montage, influenced the evolution of film style. <u>PRACTICAL</u> You will produce a 3-4 minute short film along with supporting materials.	<u>THEORY</u> You will study the key developments and characteristics of mid-20th Century cinema. Realism: Narrative and Visual Style This module focuses on the concept of realism by exploring how the realist style and narrative conventions of Hollywood cinema were challenged by successive European film movements; Surrealist Cinema, Italian Neo-realism, The Nouvelle Vague and Cinéma Vérité. <u>PRACTICAL</u> You will produce a 4-6 minute short film along with supporting materials.

Assessment (Including Coursework)

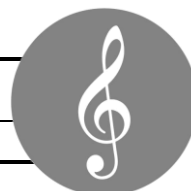
AS Level	A2 Level
<u>EXAMINATION:</u> You will take an online examination which includes recall of your Film History knowledge as well as analysis of previously unseen video clips. Weighting: 40% of AS (16% of total A Level) <u>COURSEWORK:</u> (3- 4 minute film) In response to provided stimuli, students must create a short film or animation and produce a portfolio that documents the creative processes and practices employed in the realisation of their finished work Weighting: 60% of AS (24% of total A Level)	<u>EXAMINATION:</u> You will take an online examination which includes recall of your Film History knowledge as well as analysis of previously unseen video clips. Weighting: 40% of A2 (24% of total A Level) <u>COURSEWORK:</u> (4-6 minute film) Students must produce a complete film or animation which explores the visual language and techniques of the moving image within a wider context of art and creativity. The final product must be supported by an advanced research portfolio that includes an illustrated essay. Weighting: 60% of A2 (36% of total A Level)

Career Opportunities

This subject has been developed in the context of both the wider creative industries and the emerging but dynamic local Film and Television production scene. Apart from being an enjoyable experience with many skills which are transferable to other careers areas, the study of Moving Image Arts is appropriate for a range of careers and entrepreneurial opportunities within the creative industries. This would include the many diverse roles within Film, TV, Advertising, Games development, Mobile App development and Animation. It is also important to recognise that there are many emerging creative technologies with as-yet undefined career opportunities which are based on the moving image.



MUSIC



EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 years

Course Content

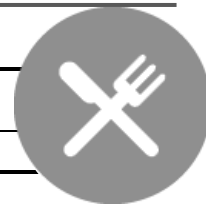
AS Level	A2 Level
In the AS units, you will study: 3 Units: • solo performance lasting 5-7 minutes, of grade 5 and above, plus a viva – 32.5% of AS • composition lasting 1 ½ - 2 ½ minutes – 32.5% • two written papers based on three areas of study, each with four set works – 35%	In the A2 units, you will study: 3 Units: • solo performance lasting 8-10 minutes, of grade 6 and above, plus a viva – 19.5% of AS • composition lasting 2-3 minutes – 19.5% • two written papers based on three areas of study, each with four set works – 21%

Assessment (Including Coursework)

AS Level	A2 Level
<u>EXAMINATION:</u> Exam is one listening paper and one written paper, including two extended writing questions.	<u>EXAMINATION:</u> Exam is one listening paper and one written paper, including two extended writing questions.
<u>COURSEWORK:</u> Coursework is composition. Internally assessed and externally moderated.	<u>COURSEWORK:</u> Coursework is composition. Internally assessed and externally moderated.

Career Opportunities

Video game composer – stage management – broadcast engineer – music teacher – mixing engineer – session musician- front of house engineer – sound recorders – fundraiser / development assistant – radio DJ- musicologist- web designer- composer- accompanist- business management- publicist- arranger- music agent- music librarian- music journalist / critic- event planner- cruise ship performer- concert promoter- website copywriter- commercial jingle composer- audio engineer- music tutor- music therapist- sound / acoustic engineer- licensing administrator- blogger- pit musician- record producer- music education administrator- orchestral musician- music / entertainment attorney- arts administrator- military band performer- conductor.

**NUTRITION AND FOOD SCIENCE**

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 years

Course Content

AS Level	A2 Level
You will explore: - the principles of nutrition and its importance to human health; and - dietary-related disorders and how they impact on health	You will explore: - Issues affecting our food supply, how they impact upon the environment and the ethical implications - You will also select an area of personal interest to study further for your research project

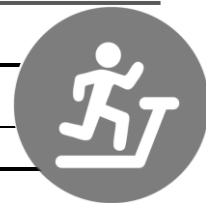
Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATIONS: 2x 1 hour 30 minute papers on: Principles of Nutrition: You will study macronutrients and micronutrients and other dietary constituents: protein fat carbohydrate vitamins mineral; and water and other fluids. Weighting: (50% of AS; 20% of A Level) Diet, Lifestyle and Health: You will study current research in relation to diet, lifestyle and health: - eating patterns; - energy and energy balance; - diet-related disorders; - alcohol; and - physical activity Weighting: (50% of AS; 20% of A Level)	EXAMINATION: 2 hour 30 minutes You will answer a compulsory structured question in Section A and three extended writing questions from a choice of four in Section B. Food Security and Sustainability: -You will study consumer behaviour in relation to food purchasing decisions and consider issues and implications of food choice: - food security; - food poverty; - food sustainability; - food waste; and - changing consumer behaviour Weighting (30% of A Level)
COURSEWORK: None	COURSEWORK: Research Project Internal assessment You will complete a 4000-word research-based project. Your teacher will mark the project and CCEA will moderate the results Weighting: (30% of A Level)

Career Opportunities

There are numerous job opportunities in the diverse nutrition and food science sector and associated fields such as:

Dietetics, Human Nutrition, Food Design and Nutrition, Food Product Development, Food Management and Marketing, Food Manufacturing, Environmental Health, Food Science and Technology, Consumer Business Management, Teaching, Sports Studies, Nursing, Occupational Therapy, Physiotherapy, Radiotherapy.

**PHYSICAL EDUCATION****EXAMINING BOARD:** WJEC**LENGTH OF COURSE:** 2 Years**Course Content**

AS Level	A2 Level
In the AS units, you will study: A coherent combination of four areas of study: 1. Exercise physiology, performance analysis and training 2. Sport psychology 3. Skill acquisition 4. Sport and society You will also complete coursework on improving personal performance in your main sport.	At A2 Level you will: A coherent combination of four areas of study: 1. Exercise physiology, performance analysis and training 2. Sport psychology 3. Skill acquisition 4. Sport and society You will also complete coursework on refining personal performance in your main sport.

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: One written examination Exploring Physical education Contextualised questions to include multiple choice, data response, short and extended answers Written examination: one hour 45 minutes Weighting: 60% of AS 24% of A Level	EXAMINATION: One written examination Evaluating Physical Education A range of questions to include data response, short and extended answers Written examination: two hours Weighting: 36% of A Level
COURSEWORK: Improving Personal Performance in Physical Education To assess: • Practical performance in one activity as a player/performer • Practical performance as a coach or official in the same sport you are playing/performing in. • Personal Performance Profile Weighting: 40% of AS 16% of A Level	COURSEWORK: Refining Personal Performance in Physical Education To assess: • Practical performance in one activity as a player/performer, coach or official • Investigative Research Weighting: 24% of A Level

Career Opportunities

Studying Physical Education will develop communication and social skills, improve skills in identifying problems and creating solutions, critical thinking and self-evaluation. These skills can lead onto studying in further or higher education in a range of areas and potential careers such as a Sports Scientist, PE teacher, Physiotherapist, Professional sports person, Sports coach/consultant, Sports policy at local and national level, Diet and fitness instructor or a Personal trainer.

These are only some of the many fields open to Physical Education students.

**PHYSICS****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 Years**Course Content**

AS Level	A2 Level
At AS Level you will study: AS 1: Forces, Energy and Electricity Investigates physical quantities and scalars and vectors, which are required in all branches of the subject. Students explore Newtonian mechanics and electricity. AS 2: Waves, Photons and Astronomy Examines ideas about waves and introduces quantum theory and the concept of wave-particle duality. AS 3: Practical Techniques and Data Analysis Gives students the opportunity to develop practical techniques, including analysis, evaluation, design and communication.	At A2 Level you will study: A2 1: Deformation of Solids, Thermal Physics, Circular Motion, Oscillations and Atomic and Nuclear Physics Builds on the mechanics foundation in Unit AS 1. Thermal Physics connects the properties of gases to the basic principles of kinetic theory. A2 2: Fields, Capacitors and Particle Physics Shows students how action-at-a-distance forces arise between bodies that are separated from one another. A2 3: Practical Techniques and Data Analysis Builds students' essential practical techniques.

Assessment (Including Practical Exam)

AS Level	A2 Level
<u>EXAMINATION:</u> AS 1 and AS 2 Each module has an externally assessed written paper (1 hour 45 minutes long) consisting of compulsory short answer questions and some that require extended writing. <u>PRACTICAL:</u> AS 3: Practical Techniques and Data Analysis 1 hour practical exam and 1 hour written paper Students complete an externally assessed test of practical skills consisting of four short tasks, and a separate paper requiring the analysis of experimental results.	<u>EXAMINATION:</u> AS 1 and AS 2 Each module has an externally assessed written paper (2 hours long) consisting of compulsory short answer questions and some that require extended writing. The questions have elements of synoptic assessment, drawing together different strands of the specification. <u>PRACTICAL:</u> AS 3: Practical Techniques and Data Analysis 1 hour practical exam and 1 hour written paper Students complete an externally assessed test of practical skills consisting of two tasks, and a separate paper requiring the analysis of experimental results.

Career Opportunities

As well as learning about how the universe works, you'll get a broad training in skills that all employers value – an ability to grasp concepts quickly, a determination to find coherent answers, not to mention problem-solving, analytical and mathematical skills.

Even if you don't end up working in a Physics-related industry, these skills are still highly regarded. Studying Physics is an excellent way of keeping your options open and earning a good salary.

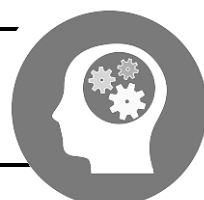
An A Level in Physics opens doors to many wide and varied career options: in medicine, engineering, sciences, research, teaching, nursing, dentistry, veterinary science, software programming, technology, forensic science and others.



PSYCHOLOGY

EXAMINING BOARD: AQA

LENGTH OF COURSE: AS (1 year) or
A Level (2 years)



Course Content

AS Level	A Level
In the AS units, you will study: • Early attachment - including animal studies and the effects of early attachment on adult relationships • Memory - including why we forget & eye witness testimony • Research Methods e.g. self report methods, experiments • Obedience, conformity and social change • Psychopathology – phobias, depression, OCD and their treatments • Approaches in Psychology- biological, learning and cognitive including their origins	Students will be re-assessed on all AS topics plus additional material on: • Addiction • Schizophrenia • Relationships • Issues and debates in Psychology • Research Methods e.g. data analysis and statistical testing; • Biopsychology

Assessment

AS Level (1 year option): 100% examination based assessment	A Level (2 years option): 100% examination based assessment
EXAMINATION: 1. Introductory Topics in Psychology (1hour 30 minutes) 2. Psychology in Context (1hour 30 minutes) Each of these 2 papers constitutes 50% of AS grade	EXAMINATION: 1. Introductory Topics in Psychology (2 hours) 2. Psychology in Context (2 hours) 3. Issues and Options in Psychology (2 hours) Each of these 3 papers constitutes 33.3% of A Level grade

SKILLS FOR SUCCESS IN PSYCHOLOGY

- Essay writing skills
- Sound mathematical skills and thinking
- Description and explanation
- Analysis
- Being able to see and explain something from different perspectives/ viewpoints
- Elaboration and developing a clear, rational line of argument
- Planning & carrying out research in a logical way
- Interpreting the results of research
- Application/ use of knowledge to real life scenarios

Career Opportunities

Studying Psychology can lead onto studying in further or higher education in a range of areas and potential careers such as:

Educational Psychologist	Researcher	Teacher
Counsellor or therapist	Nurse	Health Promotion Work
Forensic Psychologist	Social Worker	Addictions
Sports Psychologist	Health Psychologist	Youth/community worker
Clinical Psychologist	Occupational Psychologist	Marketing and advertising
Neuropsychologist	Business and Marketing	

**RELIGIOUS STUDIES****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** AS (1year) or
A2 (2 years)**Course Content**

AS Level	A2 Level
At AS level you will study: • Textual study: An introduction to the Acts of the Apostles • Systematic study of one religion: An Introduction to Islam	At A2 level you will study: • Textual study: Themes in the selected letters of St Paul; • Systematic study of one religion: Islam in a contemporary context

Assessment (There is NO coursework in R.S.)

There are two assessment objectives for this specification. To enable candidates to:

- demonstrate knowledge and understanding of religion, including:
 - religious, philosophical and/or ethical thought and teaching;
 - influence of beliefs, teachings and practices on individuals, communities and societies;
 - cause and significance of similarities and differences in belief, teaching and practice; and
 - approaches to the study of religion and belief and
- analyse and evaluate aspects of, and approaches to, religion and belief, including their significance and influence.

AS Level	A2 Level
<u>EXAMINATION:</u> • There are 2 papers. • The AS paper includes a human experience element where students make connections across faiths and through history. Weighting: • AS is worth 40% of the A Level • Each paper is worth 50% of the AS unit	<u>EXAMINATION:</u> • There are 2 papers. • The A2 unit also includes a synoptic element where an evaluation of the common strands between the two units is assessed. Weighting: • A2 is worth 60% of the A Level • Each paper is worth 50% of the A2 unit

Career Opportunities

The emphasis in Religious Studies is very much on developing skills-to describe, explain and critically analyse using knowledge and understanding; also, the use of evidence and reasoned argument to express and evaluate personal opinions, informed insights and differing opinions.

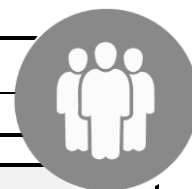
These are important life skills and will be used in most career areas but are particularly relevant in teaching, social work, nursing, charity or personnel work, advocacy or legal courses.



SOCIOLOGY

EXAMINING BOARD: AQA

LENGTH OF COURSE: 1 or 2 Years



Course Content

AS Level	A2 Level
In the AS units, you will study: • 3.1.1 Education You will consider the role of education in society. For example as part of your studies you'll look into gender and ethnicity differences in school achievement. • 3.1.2 Methods in Context You will also learn how to apply your own sociology research methods to the study of education. • 3.2.1 Research Methods: You will learn how to conduct your own sociological research, from interviews to reviewing documents and official statistics. You will also study one optional topic: • 3.2.2.2 Families and Households	At A2 Level you will study: • 4.1.1 Education • 4.1.2 Methods in Context • 4.1.3 Theory and Methods You will expand on your knowledge of research methods and study theory and methods. • 4.3.1 Crime and Deviance with 4.3.2 Theory and Methods: You will learn about criminal and deviant behaviour, including factors that might lead a person to follow this path in life and how the media portrays them You will also study optional topics: • 4.2.2 Families and Households • 4.2.5 Beliefs in Society

Assessment

AS Level	A2 Level
EXAMINATIONS: 2 papers Paper 1: Education with Methods in Context 1 hour 30 minutes written exam 60 marks Weighting: 50% of AS Paper 2: Research Methods and Topics in Sociology 1 hour 30 minutes written exam 60 marks Weighting: 50% of AS	EXAMINATIONS: 3 papers Paper 1: Education with Theory and Methods 2 hour written exam 80 marks Weighting: 33.3% of A Level Paper 2: Topics in Sociology 2 hour written exam 80 marks Weighting: 33.3% of A Level Paper 3: 4.3.1 Crime and Deviance with Theory and Methods: 2 hour written exam 80 marks Weighting: 33.3% of A Level

Career Opportunities

Sociology is a great choice of subject for people who want a career in social work, nursing or medicine. But the subject is also useful in a number of other careers, like marketing, advertising, PR, journalism, law or teaching.

Possible degree options: According to bestcourse4me.com, the top six degree courses taken by students who have an A Level in Sociology are:

- | | |
|-------------------|------------|
| • Sociology | • Business |
| • Psychology | • Law |
| • English studies | • Teaching |



SPANISH

EXAMINING BOARD: CCEA

LENGTH OF COURSE: 1 or 2 Years

Course Content

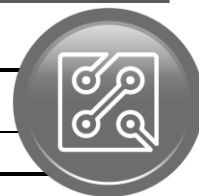
AS Level	A2 Level
At AS level you will: Develop a knowledge and understanding of themes relating to the society and culture, past and present of a country where the Spanish language is spoken. You will study the following themes- 1. Relationships 2. Culture and Lifestyle	At A2 you will: Build on your knowledge from GCSE and AS by studying the following themes: 1. Young people and society 2. Our place in a changing world

Assessment

AS Level	A2 Level
EXAMINATION: AS1: Speaking Consisting of: a. a presentation (based on an AS level theme.) b. a general conversation Total Time: 11 minutes Weighting: 30% of AS / 12% of A Level AS2: (A) Listening- 2 sets of questions: • Set one answered in Spanish • Set two answered in English Total Time: 40 minutes (B) Reading Qu 1: You answer a set of questions in Spanish based on one passage. Qu 2: Translation of a passage from Spanish into English Total Time: 50 minutes (C) Use of Language: this is made up of short grammatical exercises and a translation of short sentences from English into Spanish Total Time: 30 minutes Weighting: Sections A, B and C are worth 40% of AS and 16 % of A Level Total Time: For A, B and C is 2 hours AS3: Extended Writing: You will write an essay in Spanish in response to a set film or Literary text. Total Time: 1 Hour Weighting (AS 3): 30% of AS and 12% of A2	EXAMINATION: A2 1 Speaking: a. You will introduce and discuss a researched project. b. General Conversation Total Time: 15 minutes Weighting: 18% of A Level A2 2: (A) Listening- 2 sets of questions: • Set one – answer in Spanish • Set two – answer in English Total Time: 45 minutes (B) Reading You answer two sets of questions, complete a summary exercise and do a translation from English into Spanish. Total Time: 2 hours 45 minutes Weighting: Sections A and B = 24% of A Level A2 3: Extended Writing You will write one essay in Spanish in response to a set Literary text Total Time: 1 hour Weighting: (A2 3): 18% of A Level Note: AS = 40 % of an A Level A2 =60 % of an A Level

Career Opportunities

Learning Spanish or in fact any language, enhances your skills in Listening, Reading, Writing and Speaking. These will be of great value in a wide range of careers which may or may not be directly linked to the language itself but which are necessary for many jobs. For more information on possible careers consult the SCILT website or the guide "Talk the Talk" produced by the British Embassy.

**TECHNOLOGY AND DESIGN****EXAMINING BOARD:** CCEA**LENGTH OF COURSE:** 1 or 2 Years**Course Content**

AS Level	A2 Level
In the AS units, you will study: • A common core of 'Design and Materials'. • A specialised study of Electronic and Microelectronic systems. • You will also complete a product development task.	At A2 Level: • You will explore Electronic and Microelectronic systems in greater detail than at AS level. • The A2 course includes a design and make task.

Assessment (Including Coursework)

AS Level	A2 Level
EXAMINATION: Paper 1: Core area of study – Design and Materials Paper 2: Specialist area of study - Electronic and Microelectronic Control Systems Each paper is one hour long. Weighting: 50% of AS 20% of A Level	EXAMINATION: One written examination You will answer two questions on your specialist area of study - Electronic and Microelectronic Control Systems The paper is two hours long. Weighting: 30% of A Level
COURSEWORK: Product Development • You will produce a design folder and a practical outcome based on the development of an existing product with a view to redesigning either the product or an aspect of it. • You will produce a model which represents the practical outcome of the product analysis and development. You will have the opportunity to use software such as SolidWorks and Computer Aided Manufacture using the department's 3D printer. • You will submit a portfolio of 10 A3 pages. Weighting: 50% of AS 20% of A Level	COURSEWORK: Product-System Design and Manufacture • In this unit, you will develop and showcase a wide range of technical, design and making skills and capabilities in response to a client-focused, real world need. • You will design and make a product that includes a technological system. • You will submit a portfolio with the practical component. The portfolio will include written and graphical information produced on 20 A3 pages. Weighting: 30% of A Level

Career Opportunities

Studying Technology and Design will develop skills in identifying problems and creating solutions, developing design ideas, practical skills in hand, machine and CAD/CAM techniques, critical thinking and self-evaluation.

These skills can lead onto studying in further or higher education in a range of areas and potential careers such as a number of Engineering opportunities, Product Development, Product Design, Prosthetics, Architecture, Medical Technology and Graphic Design.

These are only some of the many fields open to Technology and Design students.



THEATRE STUDIES

EXAMINING BOARD: Pearson Edexcel

LENGTH OF COURSE: 2 years

Course Content

Component 1:

Devising Completed in Year 13

Component 2:

Text in Performance. 40% started in Year 13 and assessed in Year 14

Component 3:

Theatre Makers in Practice – Written examination (started in Year 13 and examined in Year 14)

Assessment (Including Coursework)

EXAMINATION:

Component 3: Theatre Makers in Practice 40%

Content prepared in Year 13 & 14

2 hours 30 minutes

Three Sections:

Section A: Live Theatre Evaluation

Section B: Questions on a set text.

Section C: Directors' Interpretations.

COURSEWORK:

Component 1: Devising 20% - Completed in Year 13

Students devise a piece of theatre which they then perform. They will record the process in a portfolio. Internally assessed and externally moderated.

Component 2: Text in Performance 40% - started in Year 13 and assessed in Year 14

Group performance from a performance text.

Perform a monologue or duologue from a different text.

External assessment

Please note: As part of this course, pupils produce 'devised pieces' which draw on the work of recognised theatrical professionals named on the specification and external source material. Some of this material deals with challenging and controversial issues which, taken out of the context of AS Theatre Studies, could be considered to be offensive. In choosing to take this course, pupils and their parents should be aware of this.

Career Opportunities

A-level Drama and Theatre Studies is useful for students considering Higher Education in any arts or humanities subject including English Language and Literature, Journalism, Dance, Music, Art and Design, and Media Studies.

Career opportunities for students who study A-level Drama and Theatre Studies include:

Arts/theatre administration, arts journalism, director, actor, designer, playwright, stage management, theatre management, theatrical agent, technician, broadcasting, media presenting, education, drama therapy and scriptwriting, or any career requiring a high level of communication skills.