



MARCH 2022

St. Malachy's College

GCSE Option Booklet



CONTENTS

Choice of subjects for GCSE	3
General Guidelines	5
Career Implications	6
University Entrance Requirements	8
GCSE Subject Information	
Art & Design	10
Business and Communication Systems	12
Business Studies	15
Computer Science	17
Drama	21
English and English Literature	23
Food and Nutrition (<i>formerly Home Economics</i>)	26
French	28
Further Mathematics	30
Gaeilge	32
Geography	36
History	42
Irish	45
Leisure, Travel & Tourism	49
Learning for Life and Work (LLW)	51
Mathematics	53
Moving Image Arts	55
Music	59
Physical Education	61
Religious Studies	63
Science (Single, Double or Triple Award Science)	65
Spanish	74
Technology and Design	76

CHOICE OF SUBJECTS FOR GCSE

All students study 9 or 10 GCSE subjects at Key Stage 4.

Compulsory/ Core Subjects: **Religious Studies,**
English Language,
English Literature and
Mathematics *

*Pupils of proven ability may choose to study "double" Maths i.e. GCSE Maths in Year 11 and GCSE Further Maths in Year 12.

All pupils will also choose **five** other subjects from the groups below. Pupils are required to choose at least one option from each of the three groups.

GROUP A Sciences

All students must study Science. The choice combinations are as follows;

- (i) Students wishing to maintain a broad science curriculum should select from the following options.

Double Award Science** (2 GCSE Qualifications)

(A combination of Biology and Chemistry and Physics)

Triple Award Science** (3 GCSE Qualifications)

(Physics, Chemistry and Biology)

- (ii) Alternatively, some students may wish to minimize their science selection. In this case students can select **Single Award Science**.

*****Students will receive further personal advice regarding Science choices from Dr Roberts (Head of Science).***

GROUP B Languages

All students must choose at least **ONE** modern language from this group. Some students may wish to select two languages.

French
Gaeilge
Irish
Spanish

GROUP C Options

All students select one, two or three subjects from this group depending on their other choices.

- Art and Design**
- Business and Communication Systems (BACS)**
- Business Studies**
- Computer Science**
- Drama**
- Food and Nutrition (formerly Home Economics)**
- Geography**
- History**
- Leisure, Travel & Tourism**
- Learning for Life and Work (LLW)**
- Moving Image Arts**
- Music**
- Physical Education**
- Technology and Design**

It is hoped to provide each pupil with his choice of subjects. However, with timetabling constraints, some further consultation with individuals may be necessary.

GENERAL GUIDELINES:

When making your choice for GCSE, you should take four factors into consideration:

1. Subjects you like:

You will obviously work harder at these subjects, so it is sensible to start off by considering which subjects you like best.

2. Subjects you are good at:

For some careers no particular subjects are specified and you will only require a certain number of passes. It is sensible to consider those subjects in which you are likely to have the most success.

You should consider your performance in various subjects over the past three years. If you are in any doubt about your ability to cope with a particular subject, you should discuss the matter with your subject teacher.

3. The need to choose a balanced range of subjects:

Employers and Colleges are both keen to obtain applicants who have studied a balanced range of subjects because this helps to give a wider, more mature outlook on life.

In the past the Northern Ireland curriculum restricted individual choice to a certain extent. It was however designed to ensure that all pupils studied a range of subjects that was both broad and balanced.

The NI Curriculum now provides greater individual choice of subjects but with this freedom comes the need to be aware of the longer term implications of GCSE subject choices.

4. Subjects you will need for your career:

There are many kinds of careers and often certain subjects are required for entry directly into a particular career or into a necessary preliminary course (see later).

Students sometimes drop a subject that they find they need later on. You should try to make sure that you have the right subjects for all the careers that you might want to take up.

It must be emphasised that there is little point in choosing subjects because they are required for entry into a particular career if you are likely to fail or do poorly at these subjects.

CAREER IMPLICATIONS:

Careers can be divided into two broad groups:

Scientific/Mathematical

Medicine
Dentistry
Agriculture & Food Science
Veterinary Science
Pharmacy
Optometry
Engineering
Architecture etc.

Non-Scientific Careers

Accountancy
Banking
Clerical Work
Insurance
Law
Journalism
Social Work
Retail Management etc.

In the case of non-scientific careers, English and Mathematics at GCSE level are often required, but there are usually no other specific subject requirements. However, a level of attainment is usually specified e.g. 5 GCSE subjects (grade A*-C) or 2 A-Levels or a degree.

It therefore follows that if a pupil does not intend to follow a scientific career, it is less significant which subjects are chosen, apart from the fact, mentioned earlier, that they should be subjects in which he can do well and which form a balanced group.

Thus for example, a pupil who chooses Double Award Science, Spanish, History and P.E., and another who chooses Chemistry, Physics, Biology, Irish, and Music would be eligible for almost exactly the same range of careers. Of course, the first may become a Spanish Interpreter and the second a Music Teacher, but apart from narrow categories of specialist occupations such as these, most subject choices are not job specific.

In the case of scientific careers, specific science and mathematical subject combinations are usually required (see later). It is important to note that a pupil with scientific and mathematical subjects is still eligible for non-scientific careers.

KEEPING CAREER OPTIONS OPEN:

Keeping career options open is especially important for pupils who have not yet sorted out a clear career plan.

Science:

In St. Malachy's College all pupils must study at least **one** science course i.e. students may choose Single Award Science, Double Award Science **or** Triple Award Science (three separate sciences; Physics, Chemistry and Biology).

Single Award Science - Worth 1 GCSE pass:

This subject is made up of three strands of science drawn from Biology, Chemistry and Physics. Although this course meets the requirement to study science and keeps open careers options for the future, it is not a suitable option for studying any science at A-level.

Double Award Science - Worth 2 GCSE passes:

This subject provides an adequate grounding for A-Level courses in the separate sciences. However, a good grade is essential. Choice of Double Award leaves three further choices for GCSE. Universities have indicated that Double Award Science will satisfy the entrance requirements for courses which stipulate GCSE Physics or Chemistry or Biology as essential subjects.

Triple Award Science: Biology, Chemistry and Physics - Worth 3 GCSE passes. This option provides full courses in each of Physics, Chemistry and Biology and is the fullest preparation for A-Level in the related subject.

- Choosing **three** sciences (**Triple Award Science**) allows **2** further choices of GCSE.
- Choosing **Double Award** science allows **3** further choices of GCSE
- Choosing **Single Award** science allows **4** further choices of GCSE

Note: GCSE Further Mathematics is a useful subject for pupils hoping to take A-Level Mathematics or an A-Level in one of the Science subjects. This 10th GCSE choice is open only to students of proven mathematical ability. (See 'Selection Criteria' later)

Languages:

All students must select at least one modern language from Group B. You may of course choose more than one. (See the section on 'University Entrance Requirements' later)

If the subjects which you like, are good at, and need for your career all go together and make up a balanced group, you have no problems. If some of these factors clash, you would need to discuss the matter fully with your parents and teachers.

UNIVERSITY ENTRANCE REQUIREMENTS:

Entry into many careers is at graduate level, a degree from a Higher Education institution is required. Therefore, when choosing GCSE subjects, the entrance requirements of degree courses should be taken into account. The problem is that these can vary considerably. All universities insist that a "general requirement" is satisfied, usually 4 or 5 GCSE/GCE "passes" at least two of which should be at A-Level. GCSE English is normally specified and sometimes GCSE Mathematics or a GCSE Science subject. Some universities, e.g. Trinity College, Dublin, also specify a language at GCSE other than English.

In addition, the specific "course requirement" must be satisfied. This not only varies between universities but can even vary within a university depending on the level of entry (level O or level 1).

Some of the more significant AS/A-Level subject combinations required for entry at level 1 at most universities are:

MEDICINE/DENTISTRY/PHARMACY

Chemistry + at least one (sometimes two) from Maths, Physics, Biology (preferred).
Biology is required to at least AS-level.
For QUB Medicine, if Biology is not taken at A-level a grade A in Biology as a 4th AS level or grade B as a 5th AS level will be required.
N.B. At GCSE level, Double Award Science or all three separate sciences required.

VETERINARY SCIENCE/AGRICULTURE

Chemistry + Biology +/or Physics or Maths

BIOLOGICAL SCIENCE

Biology + Chemistry + one other subject

OPTOMETRY

Two from Physics, Maths, Chemistry, Biology

ENGINEERING (Chemical)

Maths + Chemistry (preferred) or other related subject.

ENGINEERING (Civil, Electrical etc)

Maths + Physics +one other subject

FOOD SCIENCE/ FOOD QUALITY SAFETY & NUTRITION

Chemistry + Biology + one other Subject. Nutrition & Food Science is acceptable

PHYSICS

Maths + Physics + one other subject

LAW/ACCOUNTANCY

Any three subjects

BUSINESS STUDIES/SOCIAL SCIENCE

Any three subjects

PSYCHOLOGY/PHILOSOPHY/POLITICS Any three subjects

Although A-Level Business Studies is not required for entry to Economics, Business Studies or Accountancy courses at university it is certainly regarded as a useful preparation for such courses. A-Level Maths is also regarded as being relevant to those hoping to study Economics at university and is in fact required for some Economics degree courses (not QUB).

A Level Maths is also required for some Chemistry, Computer Science and Architecture degree courses. (A-Level Mathematics and A-Level Art are desirable but not always essential for Architecture courses).

In the case of the Sport and Exercise Sciences, Sport Studies and the Sports Coaching degree courses at Ulster University applicants must have at least one of a list of A-Level subjects specified for each course in the current online University Ulster prospectus.

It must be stressed that because **some universities may have slightly different requirements from those above, students must check the entrance requirements for any particular course which they have in mind.** These can be found by logging on to the university website or the UCAS (University and Colleges Admission Service) website (www.ucas.com).

Any queries should be raised with a careers teacher before making the final choice of subject as this choice may be irreversible.

Heads of Careers

Mr C Johnston

Ms N O'Hare

GCSE ART & DESIGN

CCEA

OUTLINE OF COURSE:

Art and Design GCSE is a student centred course in which they are encouraged and empowered to be active learners, engaging in their project work in a personal and meaningful way. The course enables students to realise their creative intentions in a wide variety of media and contexts, that they will eventually choose to work in.

The course is excellent preparation for a wide variety of careers. For example, a qualification and/or a portfolio of Art and Design work is expected by most good Architectural and Engineering courses. Art and Design paves the way for application to courses as diverse as Architecture, Film Making, Photography, Animation, Graphic Design and Illustration, Interactive Design, VFX Design, Product Design, Interior Design, Fashion, Ceramics, Model Making, Landscape Architecture, Advertising to name but a few.

In addition to the traditional skills of drawing and painting the student will have the opportunity to make artefacts, sculptures and designs with their hands in three dimensions. They will also have the opportunity to realise their creative intentions using lens-based media, photography, digital imaging, computer graphics and video.

The course will also encourage students to develop transferable skills in relation to visual literacy, creativity, problem solving, team working, thinking skills, use of digital and lens based media and ICT competence sought after by employers of the 21st century economy.

SCHEME OF ASSESSMENT:

All of the work for component 1 and component 2 is marked by the student's own teacher. The work is then moderated by a visiting moderator.

COMPONENT	ASSESSMENT DESCRIPTION	WEIGHTING
Component 1 Part A: Exploratory Portfolio	Controlled Assessment Portfolio of experimental work Teacher assessed, moderated by CCEA; 50 marks (25%)	60%
Part B: Investigating the Creative and Cultural Industries	Personal Outcome or Design Solution Teacher assessed, moderated by CCEA; 70 marks (35%)	
Component 2: Externally Set Assignment	Controlled Assessment Preparatory Work and a Final Outcome Teacher assessed, moderated by CCEA; 80 marks	40%

Teaching, Learning and Formative “Assessment for Learning” are inextricably linked in GCSE Art and Design. Internal assessment is ongoing throughout lessons to enable students to achieve the highest standards that they can. Students are encouraged to become active participants in their own assessment. Self-assessment and peer-assessment enable students to set targets to improve their work. Final summative assessments are made by the student’s teacher.

WHAT IS EXPECTED OF A STUDENT?

A desire and interest in drawing, creating and making is essential. The student should come to the course with the motivation to develop their skills in relation to creative thinking and show a willingness to work using their own initiative to realise creative and exciting ideas in the media that suits him best. They will be expected to be open to working in both Fine Art and Design and also two and three dimensional contexts.

As the students will be producing work that is individual and personal, they will be expected to work outside of class for two or three hours per week in their own time.

Acting Head of Department: Ms E. Huey
ehuey506@c2ken.net

GCSE Business and Communication Systems

CCEA

Through studying our GCSE in Business and Communication Systems, students:

- gain business knowledge, understanding and skills;
- gain practical ICT skills; and
- gain an understanding of how ICT skills are used to enhance business activities, particularly through e-commerce.

This course is very relevant to today's business world. It helps students understand the changing role of ICT in business and economic activities. It also helps students understand the ways in which market environments are changing because of ICT, for example the rise of e-business.

This course helps students develop practical ICT and business skills that are useful in a diverse range of employment roles. It also prepares students for studying business and ICT at a more advanced level.

GCSE Business and Communication Systems aims to encourage students to:

- develop a lifelong interest in business and enjoyment of business subjects;
- be inspired, moved and changed by following a broad, coherent, satisfying and worthwhile course that could potentially lead to further related study;
- actively engage in the study of business and economics to develop as effective, independent learners and reflective thinkers;
- use an enquiring, critical approach to distinguish between facts and opinions in order to make informed judgements;
- be familiar with relevant terms, concepts and methods and use these effectively to describe business and economic behaviour;
- appreciate the range of perspectives that different stakeholders bring to business and economic activities;
- consider the extent to which business and economic activity can be ethical and sustainable;
- understand the changing role of ICT in business and economic activities;
- recognise that their business knowledge, understanding and skills provide a basis for their future roles as active citizens; and
- apply what they learn to deepen their understanding of current events and contemporary issues in a range of local, national and global contexts.

GCSE Business and Communication Systems is divided into three units:

- Software Applications for Business;
- The Business Environment; and
- Developing Digital Solutions.

Students must complete all three themes. The content of each theme is outlined in more detail below.

Software Applications for Business (External computer based exam – 40%)

In this section, students have the opportunity to develop their ICT skills in a business context and learn about relevant functions in the types of software applications such as:

Types of Business Ownership

- Stakeholders
- Communication
- Digital Trading
- Recruitment and Selection
- Training
- Impacts of Digital Technology
- Marketing
- Market Research Methods: Primary/Field and Secondary/Desk
- Marketing Mix: Product, Price, Promotion and Place

The Business Environment (External written exam – 35%)

In this unit, students gain a broad introduction to the business world. They learn about recruitment, selection, training and marketing as well as the implications of digital technology for business. Students consider different roles, including stakeholders and customers, as well as how best to communicate a message. They look at all these factors in the context of the changing nature of business today.

- Business Activity
- Types of Business Ownership
- Aims of Business
- The Role of the Social Enterprise
- Uncertainty, Risk, Reward and Change
- Stakeholders
- Customers
- Communication
- Business Ethics and Social Responsibility
- Marketing
- Market Research Methods: Primary/Field and Secondary/Desk
- Competition
- Marketing Mix
- Remuneration
- Recruitment and Selection
- Training

Developing Digital Solutions (Controlled Assessment – 25%)

In this unit, students use the skills they have developed in Units 1 and 2 to plan and develop a digital solution for a business. This unit is synoptic; it tests students' understanding of the connections between the different elements of the subject.

Entry Requirements:

In GCSE Business and Communication Systems candidates must ensure that text is legible and that spelling, punctuation and grammar are accurate so that meaning is clear. They must be able to select and use a form and style of writing appropriate to their purpose and to complex subject matter.

Organisation skills are important where information is clear and coherent, using specialist vocabulary where appropriate. Quality of written communication is assessed in responses to questions and tasks that require extended writing.

Subject Teacher: Miss A Gorman
agorman515@c2ken.net

GCSE BUSINESS STUDIES
CCEA

Business Studies helps students understand more about how and why businesses operate in the way that they do. Students are able to relate what they study to everyday activities,

such as purchasing goods, and the news reported in the media.

Business Studies can open up a wide range of opportunities for further learning. As well as developing students' knowledge and understanding of the world of business, this course helps students develop a range of skills such as:

- decision-making;
- interpreting and managing information; and
- devising solutions to problems and issues.

ENTRY REQUIREMENTS:

In GCSE Business Studies, candidates must demonstrate their quality of written communication: they need to ensure that text is legible, that spelling, punctuation and grammar are accurate so that meaning is clear and they must be able to organise information clearly and coherently, using specialist vocabulary where appropriate. Quality of written communication is assessed in responses to questions and tasks that require extended writing. The specification also states that students should be able to select and apply mathematical concepts and problem-solving strategies in a range of contexts and interpret and analyse a wide range of mathematical data. To this end, a prospective student of GCSE Business Studies **must** have achieved at least a **grade B in English and Maths** in the Year 10 Internal Examinations, where data is available.

WHAT IS EXPECTED OF A STUDENT?

- develop a lifelong interest in and enjoyment of business subjects;
- use an enquiring, critical approach to distinguish facts from opinions, to form arguments and make informed judgements;
- develop and apply their knowledge, understanding and skills to understand today's business issues in local, national and global contexts;
- appreciate the perspectives of different stakeholders in business-related activities;
- consider the extent to which business activity can be ethical and sustainable;
- and understand the changing use of technology in business.

EXTERNAL ASSESSMENT:

Unit 1: Starting a Business (External written exam - 40%)

In this unit, students are introduced to the fundamentals of starting a business. They examine why businesses start and the resources required to maintain and grow them. Students explore business aims and the impact that various stakeholder groups may have on businesses. Students explore marketing options and consider the impact of e-business on potential growth strategies. They also consider why businesses conform to quality assurance standards and health and safety legislation.

This unit is divided into three sections: Creating a Business, Marketing and Business Operations.

- **Creating a Business** Key Characteristics of Entrepreneurs; Resources of Business; Business Ownership; the Public Sector; The Role of Social Enterprise; Business Location; Business Aims and Objectives; Stakeholders

- **Marketing** Market Research; the Marketing Mix: Price, Product, Promotion, Place; Competition; Customer Service; International Business; E-Business; M-Business
- **Business Operations** Types of production; Methods of Manufacturing; Quality Assurance; Health and Safety in Manufacturing

Unit 2: Developing a Business (External written exam - 40%)

In this unit, students examine recruitment and selection practices and analyse the importance of a business having motivated and well-trained employees. They identify the signs of business success and failure and evaluate the different ways in which businesses grow. Students learn about business finance. They examine the sources of finance and complete cash flow forecasts as well as interpreting financial statements. When analysing business performance, students consider concepts such as ratio analysis and break-even.

This unit is divided into three sections: Human Resources, Business Growth and Finance.

- **Human Resources** Recruitment; Selection; Training; Motivation
- **Business Growth** Business Success or Failure; Internal and External Growth
- **Finance** Sources of Finance; Cash flow forecasts; Income Statements; Statements of Financial Position; Ratios; Break-even analysis

Controlled Assessment – Planning a Business (20%)

In this synoptic unit, students apply knowledge and understanding drawn from across the whole specification to a real business context. Students carry out research and apply it, together with their own knowledge, to a range of circumstances. They examine and evaluate specified areas of a business plan and make reasoned recommendations.

Head of Department: Mr T Carlin
tcarlin357@c2ken.net

GCSE COMPUTER SCIENCE **WJEC**

ENTRY REQUIREMENTS:

Pupils should demonstrate a high ability in Mathematics. A minimum of Grade B in Year 10 Mathematics summer examination is required to choose this subject.

OUTLINE OF THE COURSE:

The course is designed to stimulate an interest in and an enjoyment of the use of computer technology in such a way that the students may develop skills required for a modern workplace.

GCSE Computer Science allows students to work with real-world, practical programming techniques that give them a good understanding of what makes technology work. The content of the specification was developed collaboratively with teachers, industry and the wider computer science community to ensure it is recognised as developing the skills that employers value.

Students with good computing and programming skills have an excellent chance of getting employment at the end of their studies. It is one of the top 3 growth sectors in the UK and many companies are willing to offer highly paid jobs for candidates that have such skills.

GCSE Computer Science counts towards the English Baccalaureate Science measure, offering students a new option that achieves maximum recognition in a European context.

The specification offers students the opportunity to gain an understanding of the way computers work and to create and review computer programs for real-life purposes based on their own interests. It encourages them to create their own games, applications and other systems, rather than simply use those designed by others.

WHAT IS EXPECTED OF A STUDENT?

Firstly, a student should be interested in computers (and not just in computer games or internet browsing). Those students who watch items on television and read newspaper and magazine articles about computers are often the ones who do best in this subject, since they have a broad knowledge of recent trends.

A student who wants to do well in computing should have a reasonably logical mind and an ability to see the aspects of a problem and what is required for its solution. The ability to express oneself quite well in a clear yet precise manner is important. Finally, the ability to work hard and to see a task through to its conclusion is extremely important as it is an extremely challenging subject.

SCHEME OF ASSESSMENT:

The qualification is split into 3 components:

Component 1-Understanding Computer Science (50%) – 1 hour 45 minute examination to assess the understanding of the theory content of the specification.

Component 2-Solving Problems Using Computers (30%) - 2 hour external assessment to assess the practical application of knowledge and understanding through a series of on screen tasks.

Component 3 - Developing Computing Solutions (20%) - internally assessed and externally moderated 15 hour controlled assessment to develop a piece of work using programming software following a task brief issued by WJEC.

SCHEME OF INTERNAL ASSESSMENT:

This will be done continually using a variety of methods which will include grading of regular homework assignments, assessment of practical software exercises, topic tests, assessment based on oral responses in class and the College's Winter and Summer Examinations.

REASONS FOR CHOOSING COMPUTER SCIENCE:

1 Career Preparation

Most jobs now involve the use of computers to do such things as enter data, display information, do calculations, interrogate databases, word-process documents etc.

Many universities and other third level courses in the mathematical, scientific, engineering, economic, geographical, historical, medical etc. fields include computing modules.

2 Preparation for A-Level Computing

A pupil must achieve a Grade A or higher to be eligible for A Level Computing as this course involves a large degree of programming.

3 To gain skills to help with future employment

GCSE Computing provides pupils with an opportunity to use programming software languages such as C# and Java. They will learn skills in true object-orientated languages which link in perfectly with businesses and therefore provide a natural progression into the world of work.

4 To develop a personal interest in Computing

If you have a personal interest in computing this course may enable you to develop aspects of the subject so that you get more out of it.

CAREER PROSPECTS:

There has always been a demand for trained computer personnel with the rapid growth of computer and communication industries. The range of work undertaken by them is also

increasing and consequently a range of different jobs are now being advertised in this sector.

THERE ARE 10 MAIN CAREER FIELDS IN COMPUTER WORK:

1 Business Data Processing i.e. the use and application of Computing with the day-to-day running of a business. Opportunities will be found throughout industry, commerce and local/central Government organisations. Careers also exist in a number of specialist computing services and consultancy firms set up to provide such services to business.

2 Systems Software Engineering i.e. the devising of software packages (programs) to suit the needs of the computer user. Opportunities exist with many computer manufacturers and software houses. A number of global firms such as Allstate, Kainos, Citi, Nitec and Fujitsu are now operating in Northern Ireland.

3 Industrial Applications - Manufacturing industries, such as Bombardier and Boxmore use computers in the course of the production process. Processes include Computer-aided Design/Computer-Aided-Manufacture, the use of robots on the assembly line, telecommunications and the use of computer graphics.

4 Research - Research into Theoretical Computer Sciences, Software Engineering, Computer Engineering and the use of computers in telecommunications is carried out by graduates and those with postgraduate qualifications. Many jobs exist in Universities, Industry and Government organisations which specialise in researching new and exciting developments.

5 Teaching - For those with higher education qualifications, opportunities exist in schools, Further Education Colleges, Universities and commercial computer training companies. Much emphasis is placed on computer skills in Teacher Training Colleges nowadays.

6 Internet Design - Many of the newer industries have emerged from the dot.com philosophy. The use of the Internet has increased dramatically over the past few years and continues to remain very buoyant. The skills required for this type of work are rewarded with high pay and it is an exciting section of the industry to be involved in.

7 Networking - Large companies and small businesses have adopted networking strategies into their organisations. This has increased the amount of opportunities in network management. It is highly paid sector of the computer industry and very demanding work. In larger organisations it may involve travelling to worldwide destinations and possibly lead to highly paid consultancy work.

8 Sales, Support and Maintenance - Careers exist within the computer manufacturing companies (ICL, IBM and Digital) and their agents in computer sales, the provision of hardware and software support services to customers and in computer maintenance. Opportunities also exist in the newer technologies of mobile phones, video-conferencing and real time systems. A wide variety of technical, engineering, business and academic qualifications may apply in this area.

9 Internet Banking – A large growth area is Internet Banking and eCommerce. There are quite a number of extremely well paid jobs in this sector, particularly for those with the proper qualifications and experience. A computer qualification would be seen as very beneficial by employers when applying for jobs in this area.

10 Game/App Development - Perhaps one of the biggest growth industries currently is Games and App Development. There are a lot of well-paid and exciting opportunities in the sector. A Computer Science qualification is essential when applying for jobs in this area of employment.

IMPORTANT POINT TO CONSIDER WHEN CHOOSING COMPUTER SCIENCE:

This is a very demanding GCSE and there is a lot of emphasis on programming. Be prepared to set aside extra time outside of school to learn the programming languages and to complete VB.NET, C# or Java Projects. Program code is notoriously error prone and many hours will be spent amending and rewriting code until it works successfully.

**Head of Department: Mr R Crozier
rcrozier536@c2ken.net
GCSE DRAMA
CCEA**

ENTRY REQUIREMENTS:

There are no specific entry requirements for GCSE, and Drama can be enjoyed by pupils of all abilities. However, good attendance is necessary as your attendance will affect the progress and attainment of yourself *and* others in your class.

Content	Assessment	Weighting
Component 1:	Controlled assessment	

Devised Performance	<p>In response to a stimulus, students either:</p> <ul style="list-style-type: none"> • present a group performance; <p>Or</p> <ul style="list-style-type: none"> • give a design presentation. <p>All students submit a student log. Teachers submit a recording of every student's performance/presentation.</p> <p>Teachers mark the tasks, and we moderate the results</p>	Total: 25%
Component 2: Scripted Performance	<p>Controlled assessment</p> <p>Using a play script, students either:</p> <ul style="list-style-type: none"> • present a group performance; <p>Or</p> <ul style="list-style-type: none"> • give a design presentation. <p>Teachers mark the tasks, and one of our visiting moderators moderates the results.</p>	Total: 35%
Component 3: Knowledge and Understanding of Drama	<p>External written examination</p> <p>1 hour 30 mins</p> <p>Students answer three questions using one set text.</p> <p>Open book (<i>Philadelphia, Here I Come!</i>)</p>	Total: 40%

WHAT IS EXPECTED OF A STUDENT?

Students are expected to;

- Do independent research
- Select scripts and assign parts
- Learn lines and perform in front of an audience
- Practically explore their set text and do past paper questions
- Become familiar with a range of drama strategies
- Attend after school rehearsals

SCHEME OF INTERNAL ASSESSMENT:

Students are prepared for the written exam through continuous assessment and summative exams in Year 11 and Year 12. In addition, pupils will regularly be assessed using the CCEA marking criteria for practical work.

SCHEME OF EXTERNAL ASSESSMENT:

One exam at the end of Year 12 – single tier entry. Teachers will mark one practical task for submission in Year 11 and the Compulsory element will be undertaken in Year 12, assessed and moderated in Year 12. Your parents and friends will be invited to view these performances also!

RELEVANCE TO CAREER DEVELOPMENT:

Many of our GCSE Drama students choose to pursue Drama to A level and on to Drama school and eventually to a professional career in the Theatre. Acting is not however the only option – there are many career opportunities in lighting and set design, front of house and promotion, costume, choreography and direction. Many of our past pupils also work in the media in a huge variety of areas.

As Drama is useful for improving your confidence and public speaking, it is also an option to think about for those wishing to pursue a career in law or politics.

PERSONAL QUALITIES:

Many people will think that GCSE Drama is for those who are bursting with confidence, but while talent is important, a good work ethic is even more so! Ask yourself:

- Are you willing to attend after school rehearsals?
- Do you have good attendance?
- Are you creative and willing to work independently?
- Are you a team player?

If the answer to these questions is yes, then Drama is for you!

Head of Department: Ms P. Hughes
phughes790@c2ken.net

ENGLISH LANGUAGE AND ENGLISH LITERATURE
CCEA

ENTRY REQUIREMENTS:

English Language and English Literature, which are examined as separate subjects at GCSE level, are compulsory for all GCSE students.

OUTLINE OF THE COURSE:

Although both subjects are examined separately they are taught throughout Key Stage Four in an integrated way. The skills developed in both subjects are in most cases complementary, although there are some skills which are specific to each subject.

(i) ENGLISH LANGUAGE:

This subject develops particularly the skills involved in practical or functional reading and writing. Emphasis is put on developing flexible reading comprehension skills for application to a wide range of written materials (e.g. from understanding a persuasive leaflet to reading a novel, poem or play). The course also develops the skills involved in writing for a similarly wide range of tasks and audiences, both functional (e.g. a letter of complaint) and imaginative (e.g. a short story).

An equally important part of the course is the development of an understanding of the key characteristics of spoken language and the development of each student's own speaking and listening skills.

(ii) ENGLISH LITERATURE:

This part of the course concentrates on developing analytical and evaluation skills for close study of creative literature. Students will have an opportunity to read, write and talk about a range of novels, plays and poems and develop a fuller appreciation of the power and beauty of the English Language.

SCHEME OF EXTERNAL EXAMINATION:

ENGLISH LANGUAGE

Unit 1: Writing for Purpose and Audience and Reading to Access Non-Fiction and Media Texts

External written examination 1 hour 45 minutes (30%)

Unit 2: Speaking and Listening

Controlled Assessment (20%)

Unit 3: Studying Spoken and Written Language

Controlled Assessment (20%)

Unit 4: Personal or Creative Writing and Reading Literacy and Non Fiction Texts

External written Examination 1 hour 45 minutes (30%)

ENGLISH LITERATURE

Unit 1: The Study of Prose

External written examination 1 hour 45 minutes

Students answer two questions, one from Section A and the set question in Section B.
Section A is closed book. (30%)

Unit 2: The Study of Drama and Poetry

External written examination 2 hours

Students answer two questions, one from Section A and one from Section B.
Both sections are open book. (50%)

Unit 3: The Study of Shakespeare

Controlled assessment 2 hours

Students complete one extended writing task based on a theme. (20%)

SCHEME OF INTERNAL ASSESSMENT:

Assessment within the course will be on a continuous basis. Written and oral assignments will be evaluated by the teacher and their assessments will be shared with the student. In addition to this there are three internal exams.

WHAT IS EXPECTED OF A STUDENT?

The primary aim of the course is to make the student a confident, flexible user of written and spoken English, and to develop his enjoyment and appreciation of creative literature. The skills developed are applicable to language use in **all** other areas of the curriculum and are thus an indispensable part of the educational process.

It is hoped that students will participate enthusiastically in all the activities of the class and enjoy most of the literature they encounter. There will be regular written assignments. Taking care with these and presenting them on time is essential for successful completion of the course. Time at home must be set aside for this work. As well as this, it is hoped that students will read widely on their own and make use of the school library and online resources. A good reader develops an expertise in the language almost effortlessly as they read for enjoyment. Language usage is a skill which is developed through practice. The student should take all opportunities to provide themselves with this practice, both inside and outside the course.

The English Language is also a spoken one and students are encouraged to contribute to the healthy interchange of ideas which is an important part of the English classroom.

RELEVANCE TO CAREER DEVELOPMENT:

Achieving at least a 'C' in GCSE English Language is a minimum entry requirement for a very wide range of Arts and Science courses at university and is compulsory for entry to all teacher training courses. It is also a minimum requirement for nearly all clerical, managerial and non manual careers which recruit at the post compulsory schooling age (i.e. 16 years).

Competence in the English Language, both written and spoken, is essential in practically all careers and is thus prized by personnel departments when recruiting staff.

Your G.C.S.E. course offers you the opportunity to develop a specific set of important skills but it is also an opportunity to develop and mature as a person. The question you should now be asking is not, "What can I do with GCSEs in English Language and Literature?" but rather, "What do I want to do with my life?" Whatever your choice of career, that which you have learned in the English classroom will be an invaluable support.

Head of Department: Ms S McLaughlin
smclaughlin328@c2ken.net

GCSE FOOD AND NUTRITION
(formerly known as HOME ECONOMICS)
CCEA

OUTLINE OF COURSE:

Through GCSE Food and Nutrition (formerly Home Economics), pupils will develop knowledge and understanding of the science behind food. Pupils will study topics such as food provenance, food processing and production, macronutrients and micronutrients, government nutritional guidelines, and food safety. Pupils develop practical skills in food preparation, cooking and presentation. Pupils have developed understanding and knowledge during their studies throughout KS3 which has given them a good start for choosing this course.

EXTERNAL EXAMS:

Year 11/12
Component 1: Food and Nutrition (50%)
2 hour examination
Questions based on Diet and Health and Consumer Awareness

OUTLINE OF COURSE/ CONTROLLED ASSESSMENT:

Year 12
Component 2: Practical Food and Nutrition (50%)
Includes:
• Research and Viewpoints
• Justification of choice
• Planning
• Practical Activity
• Evaluation

WHAT IS EXPECTED OF A STUDENT?

Students should have an interest in health, nutrition and consumer issues. They should be creative and interested in cooking, trying out new and innovative recipes. Students should be organised and have efficient time keeping while being willing to work to a high standard.

Year 11	Year 12
2/3 hours per week of homework and developing study notes on each topic	2/3 hours per week of homework and developing study notes on each topic Time will increase closer to times of examinations

Details of subject- specific support provided by the College:

- After school revision classes in Year 12 (time to be confirmed)
- Pupils will get summaries and end of term tests
- Specific help from the Learning Support Team is available
- Self-assessment and peer assessment to enable pupils to set targets to improve their work

How parents can help promote knowledge and skills in this subject:

- Encourage pupils to keep up to date with consumer and health related articles released in the news
- Encourage independent study
- Participate in study by asking focused questions and/ or reviewing notes
- Encourage pupils to practice cookery skills at home especially in the run up to the assessment practical exam

RELEVANCE TO CAREER DEVELOPMENT:

This course is an excellent foundation for careers in the food industry which is a continually growing business area. It also leads to careers in health and nutrition such as Dieticians among others.

Web link:

https://www.rewardinglearning.org.uk/microsites/food_and_nutrition/revised_gcse/index.asp

Head of Department: Mrs M Mulvaney
mmulvaney221@c2ken.net

GCSE FRENCH
CCEA

ENTRY REQUIREMENTS:

Students who have studied French at Key Stage 3 have already developed the knowledge and skills to enable them to do Foundation Level GCSE French. Entry requirements for GCSE therefore, are to have a good level of competence in French by the end of Year 10 and to be enthusiastic and keen to expand and develop those skills to a higher level.

OUTLINE OF COURSE:

Context 1 – Identity, Lifestyle and Culture: Students' lives, families, homes and interests, and those of others in French-speaking communities and countries

- Myself, my family, relationships and choices
- Social media and new technology
- Free time, leisure and daily routine
- Culture, customs, festivals and celebrations

Context 2 – Local, National, International and Global Areas of Interest: Students' lifestyles and attitudes to environmental, social and global issues, and those of others in French-speaking communities and countries

- My local area and the wider environment
- Community involvement
- Social and global issues
- Travel and tourism

Context 3 – School Life, Studies and the World of Work: Education and employment issues in students' own country or community and in French-speaking communities and countries

- My studies and school life
- Extra-curricular activities
- Part-time jobs and money management
- Future plans and career

SCHEME OF EXTERNAL ASSESSMENT:

Content	Assessment	Weighting
Unit 1 Listening	One externally assessed written paper, available at Foundation or Higher tier.	25%
Unit 2 Speaking	One externally marked examination, consisting of two role-plays and one general conversation.	25%
Unit 3 Reading	One externally assessed written paper, available at Foundation or Higher tier.	25%
Unit 4 Writing	One externally assessed written paper, available at Foundation or Higher tier.	25%

SCHEME OF INTERNAL ASSESSMENT:

A continuous assessment policy is employed within the department where students are assessed via class work, common assessment tasks and end of unit dossiers. Internal examinations take place at Christmas and Easter for Year 11, with a mock GCSE examination taking place before Christmas for Year 12 students.

WHAT IS EXPECTED OF THE STUDENT?

Students who do French for GCSE should enjoy the subject and be motivated to work hard, both in class and at home in order to develop their French skills. Enthusiastic participation during lessons is important especially in the oral context. Learning of vocabulary and tenses is an essential aspect of language acquisition and learning homework is as important as written homework. Constant revision of grammar and vocabulary is recommended in order to be able to apply knowledge.

THE BENEFITS OF FRENCH:

French is your passport to the rest of the world! Spoken on five continents, it is fun and easy to learn and will greatly enhance your career prospects.

- French carries prestige on your CV because it is a language of influence and high culture which increases your employability.
- French is an official language of the United Nations, the European Union, UNESCO, NATO, the International Olympic Committee, the International Red Cross and international courts, FIFA, UEFA etc.
- Students who learn French are learning a global language which opens doors onto the worlds of business, law, medical research, diplomacy, politics, art and culture.
- Learning French also develops your confidence in how you project yourself and communicate with others and those other key employability skills such as critical thinking, cultural awareness, problem solving, are at the basis of everything we do.
- As a result, students of French are much sought after because of their knowledge, their people skills and their vision of the world which is outward looking and creative.
- Past students of French have found employment not only at home but in France, Canada, Belgium, Switzerland and the USA among others.

N.B. In some universities e.g. in the South of Ireland, a modern language is required to satisfy the general entrance requirements.

Head of Department: Mrs M. Mulholland
mmulholland767@c2ken.net
GCSE FURTHER MATHEMATICS
(formerly known as Additional Mathematics)
CCEA

GCSE Further Mathematics is aimed at the more able Mathematics student and is intended to cater for those students who require mathematical knowledge beyond that provided by

GCSE and who are capable of working beyond the limits of the existing Higher Tier Specification at GCSE. Students will be selected to study this course based on their continuous performance and assessment in Year 10. GCSE Mathematics will be taken at the end of Year 11 followed by GCSE Further Mathematics in Year 12. This is a 2-year commitment and students will not have an option to withdraw after Year 11.

Further Mathematics is the gateway for studying A-level Mathematics and is also a useful support subject for Physics, Chemistry, Biology, Computing and Geography and for subjects such as CTEC Applied ICT and Design and Technology. *It is important to note that students require GCSE Further Mathematics Grade B if intending to study A Level Mathematics or A Level Physics & Chemistry*.

CONTENT OF COURSE

The course is divided into three main parts;

Unit 1	Pure Mathematics
Unit II	Mechanics
Unit III	Statistics

I Pure Mathematics covers the following areas of study:

- Algebra
- Matrices
- Trigonometry
- Logarithms
- Calculus

II Mechanics covers the following broad areas:

- Kinematics
- Vectors
- Forces
- Newton's Laws of Motion
- Moments
- Equilibrium

III Statistics covers the following areas of study:

- Central Tendency and Dispersion
- Probability
- Binomial Distribution
- Normal Distribution
- Bivariate Analysis

EXTERNAL ASSESSMENT

The examination will be assessed by three written papers.

Unit I Pure Mathematics (2 hours) 50%

Unit II Mechanics (1 hour) 25%

Unit III Statistics (1 hour) 25%.

The grades available will be A* to G and pupils will sit all units in May/June.

INTERNAL ASSESSMENT

There will be a continuous scheme of day to day assessment involving written work in class, homework and common assessment tasks (CATs) to ensure knowledge of specific areas of study.

WHAT IS EXPECTED OF A STUDENT?

A student of GCSE Further Mathematics is expected to participate fully in class and to work to develop his mathematical knowledge to improve oral, written and practical skills, to carry out calculations, present solutions to problems and check results.

It is necessary to complete all homework, whether a written or a learning homework, and keep revising and applying mathematical techniques.

Mathematical equipment should be brought to every lesson i.e. a scientific calculator, a protractor, a compass, ruler, pens and pencils, eraser and a sharpener.

CAREER DEVELOPMENT:

A successful student of GCSE Further Mathematics could follow any number of careers. Those specifically mathematically based are Mathematics teaching or lecturing, accountancy, actuarial work and engineering. GCSE Further Mathematics is also relevant to scientific based careers such as medicine, dentistry, veterinary science, pharmacy, optometry and architecture.

Head of Department: Mrs C. Bowman
cbowman528@c2ken.net

GCSE GAEILGE CCEA

ENTRY REQUIREMENTS:

Pupils who wish to study Gaeilge at GCSE in Years 11 and 12 will have completed GCSE Irish and achieved a grade A minimum. This course is only offered to students who have come through Irish Medium primary education, as a high level of fluency in Irish is necessary.

OUTLINE OF THE COURSE:

Gaeilge at GCSE (CCEA specification) assesses and develops the four skill areas associated with any language, namely, Reading, Writing, Listening and Speaking. This course offers opportunities to build on the skills and capabilities developed through the delivery of the Key Stage 3 curriculum in Northern Ireland. It allows students the opportunity to develop and apply skills to real-life contexts. The specification involves both external assessment (reading and writing in Gaeilge) and controlled assessment (listening, speaking, reading and writing in Gaeilge). Both types of assessment involve items that address the range of language skills acquired by students in Irish language immersion programmes. The course offers opportunities to build on the skills and capabilities acquired in KeyStage 3.

The principal contexts for learning are:

Through Irish, students should be able to investigate, understand, analyse, discuss, offer opinions and express knowledge of ideas and concepts in relation to their own lives and the world around them on the following:

Context for Learning 1: The Individual and Society

- Themselves
- School life: educational issues
- Gaelscolaíocht and Bilingualism
- Family life
- Social life
- Past times

Context for Learning 2: The World around Me

- issues affecting teenagers in today's world;
- personal issues
- social problems;
- health and lifestyle;
- social media;
- modern technology; and
- environmental issues

Context for Learning 3: Employability

- jobs, part-time work, work experience or voluntary work;
- financial awareness and enterprise;
- development of communication or interpersonal skills;
- educational pathways – vocational versus academic and post-16;
- third level education; and
- self-employment and entrepreneurship;

Context for Learning 4: Irish Language

Communities

- an Ghaeltacht;
- Irish language communities in the Gaeltacht or urban Gaeltacht;
- Irish language globally;
- aspects of Irish culture;
- place names, local history and heritage; and
- Irish language groups and societies

Context for Learning 5: Literature in Irish

Students should:

- have the opportunity to study literature in Irish;
- use Irish language poetry, prose and a range of contemporary articles;
- investigate, understand, analyse, discuss, offer opinions and express knowledge of ideas and concepts in relation to their own lives and to the world around them;
- be able to communicate effectively in written Irish; and
- listen and respond to Irish language stimulus material

SCHEME OF EXTERNAL ASSESSMENT:

Content	Assessment	Weighting
Unit 1: Listening and Speaking	Controlled Assessment: Students prepare and complete two tasks under supervision; Task 1-Discussion (4-6 minutes) on a pre-prepared topic which requires research. Task 2- Group Discussion (4-6 minutes). Teachers mark and moderate the tasks.	20%
Unit 2: Reading and Writing in Gaeilge	Controlled Assessment: Students prepare and complete a written response to two literacy texts (1 hour). Teachers mark and moderate the tasks.	20%
Unit 3: Reading in Gaeilge	One externally assessed written paper (1 hour 30 minutes) Section 1- Information handling. Section 2- Analysis and descriptive skills. Section 3- Translation from Irish to English	30%
Unit 4: Writing in Gaeilge	One externally assessed written paper (1 hour 30 minutes). Section 1- Functional writing Section 2- Use of Language (grammar and syntax) Section 3- Translation from English to Irish.	30%

SCHEME OF INTERNAL ASSESSMENT:

GCSE Gaeilge pupils continue to complete four tracking assessments throughout the year, similar to Key Stage 3. Homework will vary in style and task. However, it will cover a balance of the 4 key skill areas and students are expected to undertake continuous learning of vocabulary in addition to homework tasks.

TIMETABLE SET-UP:

GCSE Gaeilge students will be allocated three out of six periods per fortnight for specific Gaeilge class with the Teacher and for the other three classes will attend library for independent completion of work given in previous class or a dedicated class with our language assistant to work on oral competency.

WHAT IS EXPECTED OF A STUDENT?

Those who opt to do GCSE Gaeilge should first and foremost enjoy the Irish language and be prepared to work in a diligent, enthusiastic way, particularly in the classroom. The main aim is to develop the ability to use the language confidently so students should be prepared to work at all aspects of the language, fluency, control, accuracy, audio skills etc. This inevitably means that time at home must be spent on revision, learning vocabulary, practical exercises and reading.

GCSE Gaeilge is a challenging course which requires a certain maturity from students as well

as the ability to undertake independent learning and self-management. Students are reminded of this before starting the course and parents will be informed / student removed from course if a good effort is not being made.

RELEVANCE TO CAREER DEVELOPMENT:

Studying Gaeilge does not limit students to a career in languages. Many successful students have pursued careers in law, economics, business administration, education etc. Irish is an official language of the EU and as such it is required for many careers relating to government, teaching, security etc.

Irish is expanding, particularly in the areas of education through the medium of the language and the language media (especially radio and television). These are exciting times and new career opportunities will be available to pupils with Irish. Demand for graduates of Irish and graduates with the ability to speak Irish is increasing in this country.

FURTHER INFORMATION:

St Malachy's College offers great extra-curricular opportunities for GCSE students. You will have the opportunity to visit the Gaeltacht area of Donegal on an overnight residential. You will have the opportunity to sit your Gold Fáinne/Ardteastas speaking awards and to take part in oral competitions and public speaking competitions with other schools, all of which will bring the language even more to life for you.

Head of Department: Mrs E. Douglas
edouglas663@c2ken.net

GCSE GEOGRAPHY

CCEA

Arts and Science subjects come together

Is Geography a good choice?

- You may be planning to go to university, or you may only be at the stage of choosing to study the subject further within the school curriculum.
- It is one of a few subjects at university level in which students can achieve either a Bachelor of Science or Bachelor of Arts degree qualification.
- Most students enjoy the scope of the material they cover in geography, the insights it can provide into understanding the world around us and the sheer contemporary nature of the issues it tackles.
- Key elements in the study of any subject are understanding and skills.

What are the advantages of studying geography?

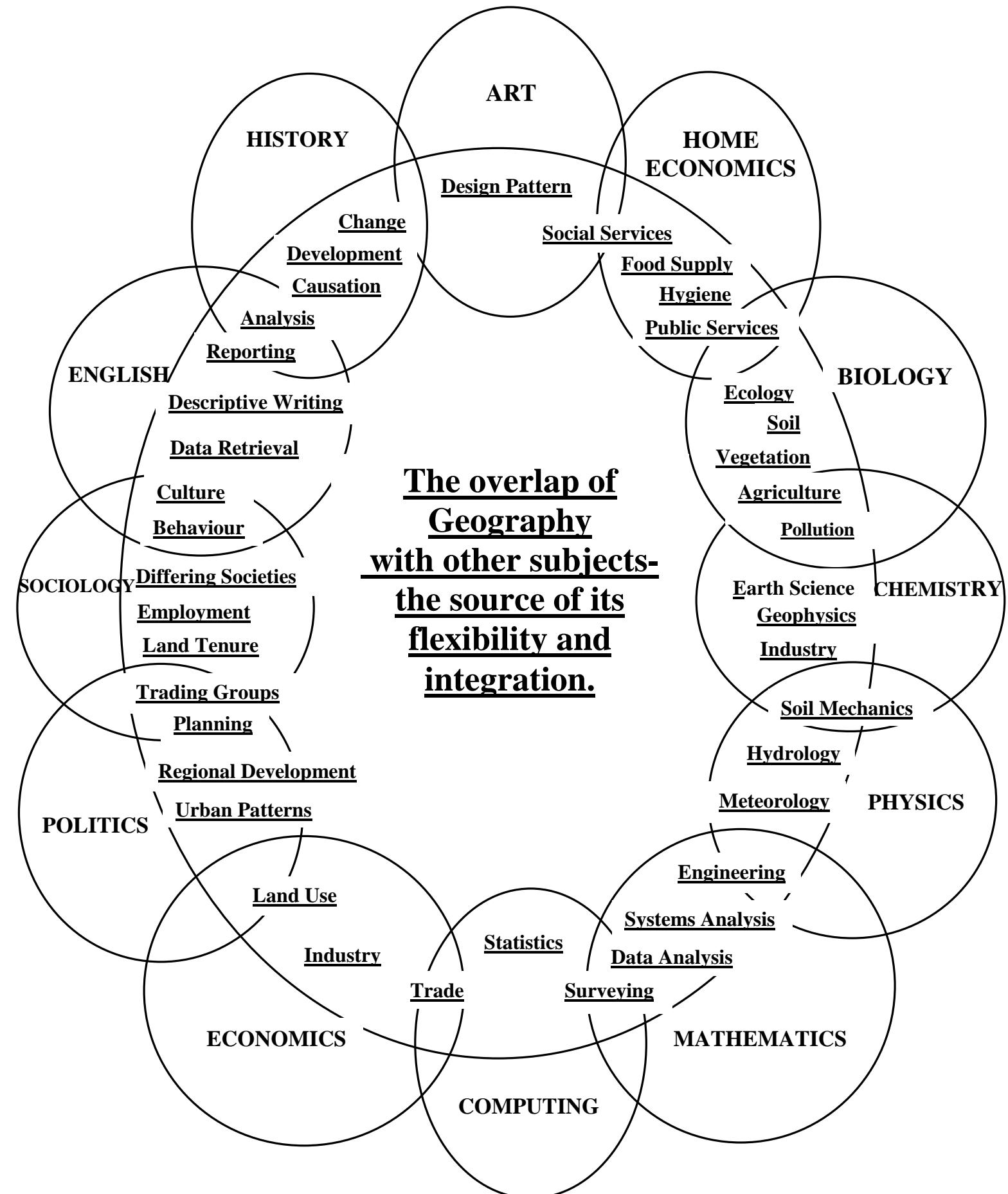
GEOGRAPHERS CAN:

Make a concise report
Handle data
Ask questions and find the answers
Make decisions about an issue
Analyse material
Manage themselves
Solve problems
Independent thinkers

GEOGRAPHERS ARE:

Good communicators
Spatially aware
Socially and Environmentally aware
Problem Solvers
Good team players
Computer literate
Well rounded, flexible thinkers

**The overlap of
Geography
with other subjects-
the source of its
flexibility and
integration.**



What sort of people do employers want and what do geography courses provide?

Employers want people with good communication skills – geography courses include a wide range of written and oral skills writing essays, projects and oral presentations.

Employers want people who can work in a team – Fieldwork is an essential component of geography courses and is an ideal setting in which to develop teamwork and leadership skills.

Employers want people who can manage themselves – The preparation of a GCSE or A Level investigation fosters such skills.

Employers want people who can analyse their work - Geographical Investigations test hypotheses and involve analysis.

Employers want people who are numerate and literate – Geographers are used to manipulating and interpreting data and preparing reports which encourages conciseness and clarity in the use of language.

Employers want people who are computer literate – Geographers use ITC in many aspects of their work, for data collection, through the Internet, analysing spreadsheets, all vital skills, especially in a commercial business environment.

Employers want people who are spatially aware – Geographers use maps all the time. Mapping has witnessed a revolution in recent years by harnessing remote sensing from satellites, and the development of geographic information systems which are increasingly used in geography lessons.

Employers want people who are environmentally and socially aware – Geographers understand the links between places and people. They can look at complex systems in a straightforward way.

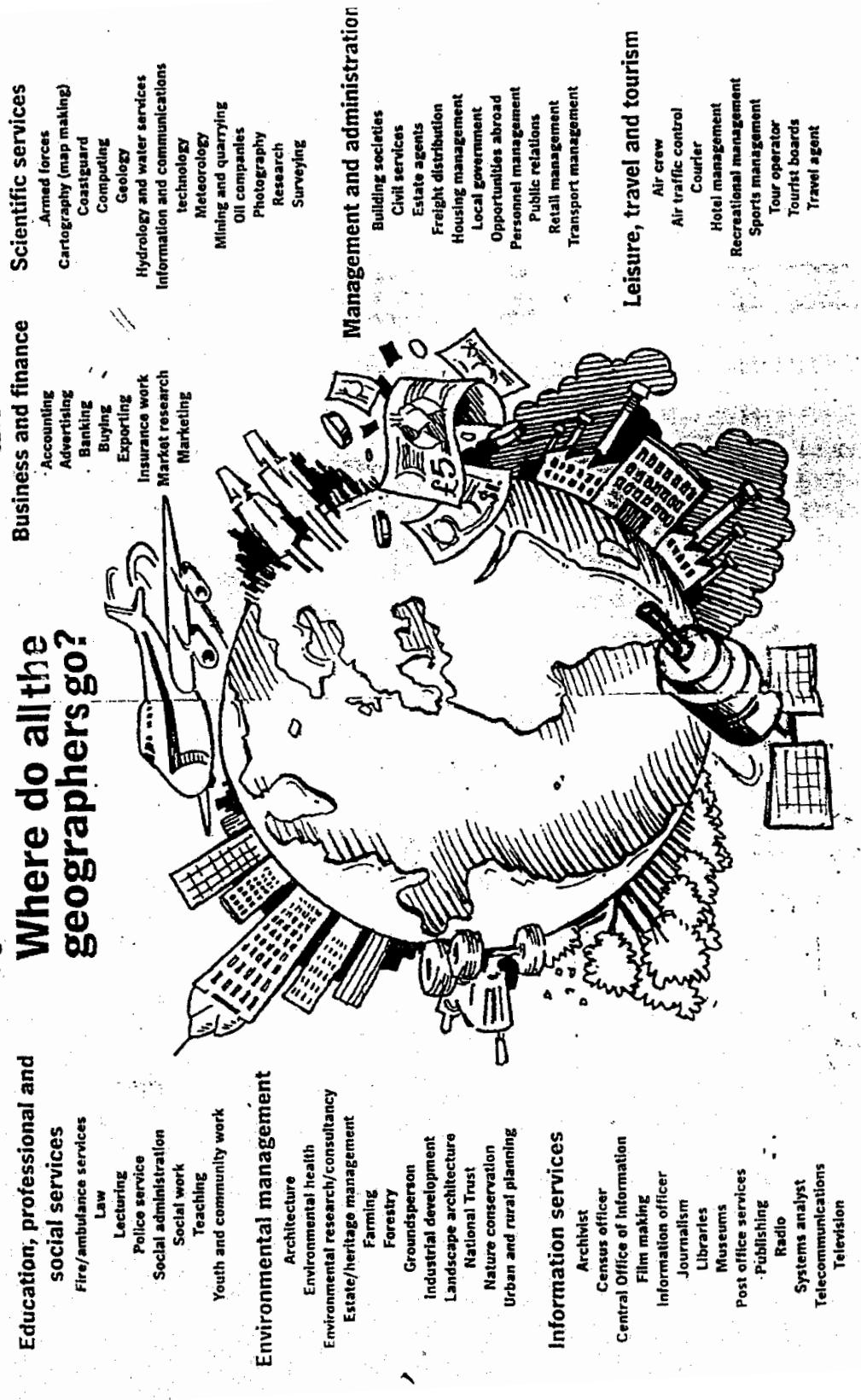
From the recent classes our students went on to study: Geography; Law; Accounting; Economics; Business; Microbiology; Mechanical Engineering; Finance; History; Politics; English and Media.

See **Figure 1** on the next page for examples of the kinds of positions held by geographers.

**Without Geography you are....
NOWHERE!**

(Figure 1)

Figure 1



Important Information

The Russell Group of universities, of which QUB is a member, states that:

Some advanced level subjects are more frequently required for entry to degree courses than others. We call these subjects ‘facilitating’ because choosing them at Advanced level leaves open a wide range of options for university study.

If you don't know what you want to study at university then it's a really good rule of thumb that taking two facilitating subjects will keep a wide range of degree courses open to you.

Geography is one of the eight facilitating subject areas it recommends.

SCHEME OF EXTERNAL ASSESSMENT:

The achievement of students will be assessed by three written papers.

Students will sit one paper, the Physical Unit/examination, at the end of Year 11. This can, if necessary, be repeated in Year 12.

Students will sit two papers, the Human Unit/examination and the Fieldwork Unit /examination, at the end of Year 12.

There will be no coursework/controlled assessment. A fieldwork exercise will be carried out in relation to Unit 3. This will be compulsory.

The topics covered are detailed on the next page.

SCHEME OF INTERNAL ASSESSMENT:

Throughout the course, student will be encouraged to keep a neat, organised file of notes. This will be checked frequently by the teacher. Regular homework assignments, ICT assignments and class tests will be used to build up a record of a student’s progress in the subject. Extended pieces of enquiry work relating to particular topics and/or case studies will feature from time to time.

The table below summarises the structure of this GCSE course.

Content	Assessment	Weightings	Availability
Unit 1: Understanding Our Natural World Theme A: River Environments (25%) Theme B: Coastal Environments (25%) Theme C: Our Changing Weather and Climate (25%) Theme D: The Restless Earth (25%)	External written examination 1 hour 30 mins The examination includes four multi-part questions, one on each theme. Students answer all four questions.	40%	Summer from 2018
Unit 2: Living in Our World Theme A: Population and Migration (25%) Theme B: Changing Urban Areas (25%) Theme C: Contrasts in World Development (25%) Theme D: Managing Our Environment (25%)	External written examination 1 hour 30 mins The examination includes four multi-part questions, one on each theme. Students answer all four questions.	40%	Summer from 2018
Unit 3: Fieldwork	External written examination 1 hour Students base their answers on their knowledge and experience of fieldwork. Students must bring a fieldwork statement and table of data into the examination. For more details, see Section 6.3.	20%	Summer from 2019

Students must take at least 40 percent of the assessment (based on unit weightings) at the end of the course as terminal assessment.

Head of Department: Mr K McKenna
kmckenna647@c2ken.net

GCSE HISTORY **CCEA**

If you have ever wondered why the world is the way it is today, History is the subject for you. In order to make sense of current affairs it is important to study the past, as everything which is happening around us has been influenced by, and is a direct result of, that which preceded it. In this way, the study of History is explicitly relevant to us. Studying History will help develop your ability to think critically and argue knowledgeably about what happened in the past, and how what happened shaped – and still deeply affects – the lives of people all around the world.

OUTLINE OF THE COURSE:

All students will study **three** units:

Life in Nazi Germany 1933-1945: students focus on the impact of the Nazi dictatorship on people's lives in Germany. Students also explore the interplay of political, economic, social and racial factors in Germany at this time.

Changing Relations: Northern Ireland and its Neighbours, 1965–98: students will study the changing relationships between Northern Ireland, Britain and the Republic of Ireland, and among the different communities in Northern Ireland, against the backdrop of political and civil unrest. Students also explore the introduction of direct rule, the increase in paramilitary violence, the attempts to find a political solution and the impact on Northern Ireland and its neighbours.

International relations 1945-2003: students will investigate the significant events and developments associated with the Cold War and the new 'war on terror'. Students learn about how and why conflict occurred, attempts at resolving tensions and how international relations have been affected by the Cold War and the 'war on terror'.

EXTERNAL ASSESSMENT:

The GCSE History examination consists of **two** papers:

Paper One (60%): students must answer five questions on Germany 1933-1945 and six questions on Northern Ireland 1965-1998. These require the use of sources and own knowledge.

Paper Two (40%): students must answer six questions on International Relations. These require the use of sources and own knowledge.

Please note there is **no** Controlled Assessment unit.

INTERNAL ASSESSMENT:

Students will complete a number of assessment tasks, the outcomes of which will be closely monitored and evaluated. Students will be given opportunities to engage in peer and self-assessment.

RELEVANCE TO CAREER DEVELOPMENT:

Studying GCSE History provides you with skills which are not confined to the study of the past. Skills of analysis are invaluable in many jobs, and the ability to analyse and then prioritise information is vital to decision making. Transferable skills developed through the study of GCSE History include:

- Report writing skills - analysing, selecting, organising and communicating clearly.
- Research skills
- Evaluating evidence
- Making judgements
- Empathy and problem solving skills
- Prioritise Effectively
- Ability to negotiate
- Ask probing questions
- Think Objectively

Since many of the issues studied in History do not have clear and easy explanations, you will have the chance to become more skilled at reasoning, deduction, and at organising and evaluating information. As a result of having to defend opinions and conclusions in class discussions, you will find opportunities to develop your self-confidence.

Studying GCSE History not only provides a skill set for you, but it also keeps your career options open. Studying History is valuable for any type of career: History graduates go on to careers in law, teaching, government, financial services, arts and media, marketing and consultancy, tourism, retail, manufacturing and engineering, libraries, archives and museums, voluntary and social services, IT and communications, medicine, and the police and armed forces. Some History graduates decide to progress to postgraduate studies, often entering into research and teaching positions.

Some of the more recognizable History graduates include Louis Theroux, Sacha Baron-Cohen, Edward Norton, Jonathan Ross, Dermot Murnaghan, John Inverdale, Steve Carrell, Neil Tennant, Gordon Brown, Joe Biden, Diane Abbott, Anita Roddick and Michael Mansfield QC.

Important Information regarding further study

Some Advanced Level subjects are more frequently required for entry to degree courses than others. The Russell Group (the top 24 universities in the UK, including Queen's University) class A Level History as a '**facilitating subject**' because choosing it at Advanced Level leaves open a wide range of options for university study. If you do not know what you want to study at university then it is recommended that taking two facilitating A Level subjects will keep a wide range of degree courses open to you. History is one of eight facilitating subjects.

Our two History A-Level classes from 2021: where are they now? Most of our History students from 2021 are now in higher education studying a range of degrees. Law, Modern History and Politics are once again popular with our students at university.

Others are studying International Relations, Actuarial Science, Computer Science, Economics, Business Management, Marketing, Sports Science, English Literature and Primary Education.

ENTRY REQUIREMENTS:

In GCSE History, candidates must demonstrate their quality of written communication: they need to ensure that text is legible, that spelling, punctuation and grammar are accurate so that meaning is clear, and they must be able to organise information clearly and coherently, using specialist vocabulary where appropriate. Quality of written communication is assessed in responses to questions and tasks which require extended writing.

Head of Department: Ms K Gregg
kgregg570@c2ken.net

GCSE IRISH
CCEA

ENTRY REQUIREMENTS:

Pupils who wish to study Irish at GCSE in Years 11 and 12 will have studied the language in Years 8, 9 and 10. It is recommended that students achieve good marks in all tracking assessments (Over 60% minimum). It may be possible for certain pupils to begin at Year 11 without having done Years 8, 9 and 10. These would be the exception rather than the rule.

OUTLINE OF THE COURSE:

Irish at GCSE (CCEA specification) continues to involve the four skill areas associated with any language, namely, Reading, Writing, Listening and Speaking. Efforts are made to use Irish which is authentic, true-to-life and of real use to learners. Throughout the GCSE course, students will learn to develop their skills of communication and understanding of the language. This will be done through pair and group work, listening to authentic speakers of Irish and watching suitable programmes both recorded and on the internet, reading authentic materials and using a variety of writing styles. The principal contexts for learning are:

Context for Learning 1: Identity, Lifestyle and Culture

- Myself, my family, relationships and choices (for example family and friends)
- Social media and new technology (for example online communications, computers, tablets and smartphones)
- Free time, leisure and daily routine (for example sports, hobbies, cinema, TV, music, dance, fashion, eating out, shopping, at home, at school and at the weekend)
- Culture, customs, festivals and celebrations (for example Easter, Christmas, birthdays, cultural activities and events, national holidays, celebrations and cuisine)

Context for Learning 2: Local, National, International and Global Areas of Interest

- My local area and the wider environment (for example home, neighbourhood, town or city, places to visit, region and country)
- Community involvement (for example charity and voluntary work)
- Social and global issues (for example health, lifestyle, anti-social behaviour, caring for others and caring for the environment)
- Travel and tourism (for example holidays, destinations, transport, tourist information, weather, directions, accommodation, activities, shopping and eating out)

Context for Learning 3: School Life, Studies and the World of Work

- My studies and school life (for example school subjects, uniform, timetable, rules and regulations)
- Extra-curricular activities (for example clubs, societies, events, trips and visits)
- Part-time jobs and money management (for example evening work, weekend work and work experience)

- Future plans and career (for example post-16 education, further studies, employment, aspirations and choices)

Many of the above topics have been already covered to Key Stage 3 level and will be further developed to appropriate GCSE standard.

SCHEME OF INTERNAL ASSESSMENT:

GCSE pupils will complete 4 continuous assessments throughout the year, as well as a mock exam in December. Homework will vary in style and task however it will cover a balance of the 4 key skill areas. GCSE Irish students are expected to undertake continuous learning of vocabulary independently in addition to homework tasks. GCSE students are allocated six periods per fortnight and will receive 5 homework tasks throughout the same period.

SCHEME OF EXTERNAL ASSESSMENT:

Content	Assessment	Weighting
Unit 1 Listening	<p>One externally assessed Paper with two tiers of entry. (Foundation or Higher)</p> <p>Students listen to Stimulus material in Irish and answer 12 questions. Four of these are the same in both tiers. Responses include:</p> <ul style="list-style-type: none"> • selection; • gap-filling; • answering questions in English; and • answering questions in Irish. 	25%
Unit 2 Speaking	<p>One teacher-facilitated and externally marked speaking examination</p> <ul style="list-style-type: none"> • Students complete two role-plays on one context for learning • Students complete a 7-12 minute conversation based on the other two contexts – one of which is pre-prepared. 	25%
Unit 3 Reading	<p>One external examination with stimulus material in Irish. There are two tiers of entry:</p> <ul style="list-style-type: none"> • Foundation (50 minutes); and • Higher (1 hour). <p>Students answer 12 questions. Four of these are the same in both tiers.</p> <p>Responses include: selection; gap-filling; answering questions in English; answering questions in Irish; and translating short sentences from Irish into English.</p>	25%
Unit 4 Writing	<p>One external written examination. There are two tiers of entry:</p> <ul style="list-style-type: none"> • Foundation (1 Hour) • Higher (1 hour 15 minutes) <p>Students answer 4 questions. One of these is</p>	25%

	<p>the same in both papers. Responses include:</p> <ul style="list-style-type: none"> ● a listing and short phrase task (foundation only) ● Short phrase / Sentence response in Irish (both tiers) ● Short responses in Irish to one or more pieces of text (Higher Tier) ● translation of short sentences from English into Irish (both tiers); and ● one structured, extended writing task in Irish from a choice of three (Both tiers) 	
--	--	--

WHAT IS EXPECTED OF A STUDENT?

Those who opt to do GCSE Irish should first and foremost enjoy the Irish language and be prepared to work in a diligent, enthusiastic way particularly in the classroom. The main aim is to develop the ability to use the language confidently so you should be prepared to work at all aspects of the language, fluency, control, accuracy, audio skills etc. This inevitably means that time at home must be spent on independent revision, learning vocabulary, practical exercises and reading.

RELEVANCE TO CAREER DEVELOPMENT:

Studying Irish does not limit you to a career in languages. Many successful students have pursued careers in Law, Economics, Business, Media, Education etc. Irish is an official language of the EU and as such it is required for many careers relating to Government, Teaching, Translating etc.

Irish is expanding, particularly in the areas of education through the medium of the language and the language media (especially radio and television). These are exciting times and new career opportunities will be available to pupils with Irish. Demand for graduates of Irish and graduates with the ability to speak Irish is at an all-time high in this country.

FURTHER INFORMATION:

In choosing Irish you are by no means simply learning a language. You are deepening your awareness of your own identity and your understanding of our own culture in a way that your English-speaking fellow pupils cannot do. You are doing your bit in ensuring the continuance of one of the oldest of European languages, with a rich history in St Malachy's College. Irish is more than just a school subject. It is something which you can carry with you throughout your life.

St Malachy's College offers great extra-curricular opportunities for GCSE students. You will have the opportunity to visit the Gaeltacht area of Donegal on an overnight residential. You

will have the opportunity to sit your Meanteastas and Gold Fáinne speaking awards and to take part in oral competitions and quizzes with other schools, all of which will bring the language even more to life for you.

Head of Department: Mrs E Douglas
edouglas663@c2ken.net

GCSE LEISURE, TRAVEL & TOURISM

CCEA

AIMS:

To:

- Engage actively in the study of leisure, travel and tourism to develop as effective and independent learners and as critical and reflective thinkers with enquiring minds.
- Understand the nature of the leisure, travel and tourism industry.
- Develop an understanding of the contribution that leisure, travel and tourism makes to society and the economy.
- Develop an awareness that health and safety issues are integral to leisure, travel and tourism.
- Develop an awareness and understanding of sustainable development and environmental issues.
- Appreciate diversity and recognise similarities and differences of attitudes and cultures in society.

ENTRY REQUIREMENTS:

Students do not require any prior attainment in Leisure, Travel and Tourism to follow this course. However, students will find the following learning, skills and aptitudes helpful:

- A sound proficiency in literacy and numeracy.
- Basic ICT skills.
- Motivation to work independently.

OUTLINE OF COURSE:

Unit 1: Understanding the Leisure, Travel and Tourism Industry

This theme explores the important part that leisure, travel and tourism plays in today's society as it continues to be a growth area in the UK economy. Students investigate the range of activities for people to enjoy in their leisure time. Students identify organisations that are used for leisure, travel and tourism purposes, as well as the facilities and attractions that appeal to visitors.

Unit 2: Promoting and sustaining the Leisure, Travel and Tourism Industry

In this unit, students explore how organisations use techniques and materials to promote their products and services. Students investigate the economic, social and environmental impacts of tourism development and the methods the leisure, travel and tourism industry uses to ensure sustainability. They explore a range of issues that affect visitors and tourists, including safety, security, entry and exit requirements, health risks and precautions and emergencies.

Unit 3: Working in the Leisure, Travel and Tourism Industry

In this unit, students have an opportunity to research and explore the employment opportunities available in the leisure, travel and tourism industry. They also develop their knowledge of the entry qualifications required to work in the industry as well as gaining an insight into the skills and personal qualities needed to gain employment in the sector and the job roles and responsibilities.

SCHEME OF INTERNAL ASSESSMENT:

GCSE pupils continue to complete up to six tracking assessments throughout the year, similar to Key Stage 3. Some of these will be Controlled Assessment tasks and therefore will contribute to the overall GCSE grade. Students will receive a minimum of two homework's per week which will vary in style and task.

SCHEME OF EXTERNAL ASSESSMENT:

Unit 1: 40%

Assessment for this unit is a written examination that includes both short response questions and questions that require extended writing.

Unit 2: 40%

Assessment for this unit is a written examination that includes both short response questions and questions that require extended writing.

Unit 3: 20%

This unit is assessed by Controlled Assessment.

RELEVANCE TO CAREER DEVELOPMENT:

GCSE Leisure & Tourism is an applied course and therefore has a strong focus on employment-related issues. This includes an outline of the range of employment opportunities in the leisure and tourism industry and relevant skills such as customer service. It helps students make informed choices about their career possibilities and further learning opportunities.

WHAT IS EXPECTED OF A STUDENT?

Those who opt to do GCSE Leisure & Tourism should be prepared to work in a diligent, enthusiastic way within the classroom and motivated to complete independent study at home.

Course Co-ordinator: Mr A Douglas
adouglas807@c2ken.net

GCSE LEARNING FOR LIFE AND WORK (LLW)
CCEA

ENTRY REQUIREMENTS:

Completion of the KS3 Learning for Life and Work course

OUTLINE OF THE COURSE:

GCSE Learning for Life and Work aims to empower young people to achieve their potential and to make informed and responsible decisions throughout their lives. Its objectives are:

- To develop the young person as an individual;
- To develop the young person as a contributor to society; and
- To develop the young person as a contributor to the economy and environment.

The course comprises of three themes;

1. Local and Global Citizenship;
2. Personal Development; and
3. Employability.

The course will be delivered through a variety of teaching and learning methods and throughout learners will be guided and encouraged to develop independent learning skills.

SCHEME OF INTERNAL ASSESSMENT:

Learners will be assessed via regular homework and continuous assessment tasks. These will be structured in a variety of formats designed to develop the learners' skills and knowledge. Methods include, past paper questions, research tasks, presentations using ICT, group presentations and Controlled Assessment.

SCHEME OF EXTERNAL ASSESSMENT:

This is a unitised qualification, which means that learners can take assessment units in the Summer series of the first and second years of the course.

It is assessed through three written examination papers, each worth 20%, and one controlled assessment task worth 40%.

Unit1: Local and Global Citizenship, 60 marks, 1 hour comprising short structured questions and extended writing questions.

Unit 2: Personal Development, 60 marks, 1 hour comprising short structured questions and extended writing questions.

Unit 3 Employability, 60 marks, 1 hour comprising short structured questions and extended writing questions.

Unit 4 Controlled Assessment Task, (Investigation) 100 marks

RELEVANCE TO CAREER DEVELOPMENT:

This specification enables students to develop a broad understanding of a range of personal, social, economic and employment issues that are relevant to further study. It enables learners

to develop a wide range of skills and personal capabilities which are valuable post 16.

In particular, it allows learners to apply skills and personal capabilities to real-life contexts. The course encourages and promotes the following:

- Using active enquiry-based teaching and learning approaches; and
- Teaching skills alongside knowledge and understanding.

The course learning activities should enable students to develop their critical thinking skills and their ability to work with others.

WHAT IS EXPECTED OF A STUDENT?

A learner who is well organised and enthusiastic will flourish at GCSE Learning for Life and Work. Active participation in all class activities, presentations workshops etc. is essential. A thorough programme of revision and exam preparation is essential for success in the examinations.

Head of Department: Ms P Marcus
pmarcus162@c2ken.net
GCSE MATHEMATICS
CCEA

The study of mathematics is compulsory in Year 11 and Year 12 and the College follows the CCEA specification. The specification is designed to promote continuity, coherence and progression within the study of Mathematics. The specification builds on the knowledge, understanding and skills developed within the Key Stage 3 Northern Ireland Revised Curriculum.

The CCEA GCSE Mathematics specification for 2021-2022:

- Offers opportunities to build on the skills and capabilities developed through the delivery of the Key Stage 3 curriculum in Northern Ireland
- Provides a strong foundation for progression to GCSE Further Mathematics and/or AS level Mathematics and for other disciplines where understanding and application of mathematics is essential
- Gives students the appropriate mathematical skills, knowledge and understanding to help them progress to further academic and vocational study and to employment

Course Content

The subject content of the course is an extension of Key Stage 3 and divided into four areas of study listed below:

- Number and Algebra
- Geometry and Measures
- Handling Data

External Assessment

Students will be assessed on a **modular** basis. Students in the College will be entered at the higher tier, awarding grades **A*; A; B; C; D**

The scheme of assessment in the higher tier will comprise modules M3 with M7 or M4 with M8. M3 and M4 will be calculator papers and M7 and M8 will have a non-calculator paper and a calculator paper.

HIGHER TIER:

Module Test (M3 or M4)	45%	1 paper	2 hours
Completion Test M7 or M8	55%	2 papers	1 hour 15 mins each

Internal Assessment

- There will be a continuous scheme of assessment using a variety of methods.
- Regular homework related to work done in class.
- Topic tests to ensure thorough knowledge of specific areas of study.

WHAT IS EXPECTED OF A STUDENT?

A student of mathematics is expected to participate fully in class and to work to develop his mathematical knowledge to improve oral, written and practical skills, to carry out calculations, present solutions to problems and check results.

It is necessary to complete all homework, whether a written or a learning homework, and keep revising and applying mathematical techniques.

Mathematical equipment should be brought to every lesson i.e. a scientific calculator, a protractor, a compass, ruler, pens and pencils, eraser and a sharpener.

CAREER DEVELOPMENT:

A successful student of mathematics could follow any number of careers. Those specifically mathematically based are Mathematics teaching or lecturing, accountancy, actuarial work and engineering. Mathematics is also relevant to scientific based careers such as medicine, dentistry, veterinary science, pharmacy, optometry, architecture etc. Many non-mathematical careers also require a GCSE pass (grade B or above) in Mathematics.

Head of Department: Mrs C Bowman
cbowman528@c2ken.net

GCSE MOVING IMAGE ARTS (MIA)
CCEA

OUTLINE OF COURSE:

Moving Image Arts is one of the fastest growing subject areas in Northern Ireland. By choosing this subject you will be among the many progressive students, choosing this exciting, enjoyable and industry approved academic qualification, that prepares the individual for further study

relevant to the burgeoning film industry in N Ireland. The qualification also fosters in the learner, creativity, imagination, visual literacy, problem solving skills and an ability to work with others.

There are three units in this practical course that develops skills in understanding and analysing film and animation and also creating moving image products.

The units are:

Component 1: Critical Understanding of Creative and Technical Moving Image Production (40%)

Component 2: Acquisition of Skills in Moving Image Production (20%)

Component 3: Planning and Making a Moving Image Product (40%)

A maximum of 60% of the marks will be awarded for practical work that you undertake under the supervision of your teacher. A maximum of 40% will be awarded for an online examination.

Moving Image Arts GCSE is a student centred course in which students are encouraged and empowered to be active learners, engaging in their project work in a personal and meaningful way. The course enables students to realise their creative intentions using a variety of approaches.

The course will help develop creativity, a wider literacy and deeper understanding of the highly visual world in which we live today. It is therefore excellent preparation for a wide variety of careers.

Northern Ireland Screen and the British Film Institute have stated the importance of a wider literacy in the 21st century:

“The Creative Arts contribute to the experience of life in parity with science and philosophy. The arts have the capacity to persuade, subvert, celebrate and confront; to challenge the status quo; to act as powerful cultural agents; to establish an individual’s aspirations; to help people learn to appreciate differences and to construct value systems.

“To be 'literate' in the 21st century will mean having a wider range of critical and creative competences than has been adequate in the past. It will have to include knowledge and understanding of media other than print. The moving image media are a crucial dimension of this wider literacy. Everyone in Northern Ireland should have opportunities to learn about these media.”

Northern Ireland Screen/ BFI (2004) A Wider Literacy, The Case for Moving Image Education in Northern Ireland

This course will encourage students to develop transferable skills in relation to visual literacy, creativity, problem solving, team working, thinking skills, use of digital and lens based media and ICT competence sought after by the information age employers of the 21st century economy.

GCSE Moving Image Arts follows on from the new requirement in the revised curriculum to teach the moving image at Key Stage 3 in English and Art and Design. It builds on this basic introduction and bridges the gap to the existing GCE Moving Image Arts specification.

SCHEME OF EXTERNAL ASSESSMENT:

A maximum of 60% of the marks will be awarded for the practical work which is assessed in components 2 and 3.

Component 1: Critical Response to Moving Image Products (on-line examination worth 40% of the total marks)

Students learn how to critically analyse film and animation. They develop knowledge and understanding of film language, genre conventions and visual style.

Assessment for component 1 takes the form of an online examination.

Students must complete one online examination for GCSE Moving Image Arts. The exam lasts 1 hour 30 minutes and is worth 40 percent of the final award. CCEA sets and marks the exam. It takes place in the summer of the second year of the course.

Component 2: Acquisition of Skills in Moving Image Production (worth 20% of the total marks)

This component gives you the opportunity to acquire and develop the five core skills of film production through practical and creative work based on a range of stimulus material. These skills are:

- storyboarding;
- camera and editing;
- postproduction sound;
- stop-motion animation.

The controlled tasks for Component 2 take place in the first year of the course.

Component 3: Planning and Making a Moving Image Product (worth 40% of the total marks)

This task takes place in the summer of the second year of the course and is worth 40 percent of the final award.

Students produce their own moving image product (either a live action film or an animation). They need to produce the six items listed below:

<i>Part</i>	<i>1:Thinking</i>
Item 1 Research analysis essay (600-800 words with illustrations, including reference to the work of others)	

<i>Part</i>	<i>2:</i>	<i>Planning</i>
Item 2 Directors Notebook (5-10 A4 pages detailing the production design and planning for the film)		
Item 3 Screen		Play
Item 4 Story		Boards
Item 5 Shooting Schedule		

<i>Part</i>	<i>3:</i>	<i>Making</i>
Item 6 A finished, two-minute narrative film (40-60 seconds if animated)		

<i>Part</i>	<i>4:</i>	<i>Evaluating</i>
Item 7 An Evaluation (300-400 words which is added to item 1, Research Analysis essay).		

Students may need to collaborate with others, but they are individually responsible for all creative decisions and the production of their moving image product. Students must work independently on their controlled assessment tasks. However, your teacher can provide advice and guidance on any problems you may have.

SCHEME OF INTERNAL ASSESSMENT:

Teaching, Learning and Formative “Assessment for Learning” will be inextricably linked in GCSE Moving Image Arts. Internal assessment will be ongoing through the classes to enable students to achieve the highest standards that they can. Students will be encouraged to become active participants in their own assessment. Self assessment and peer assessment will enable students to set targets to improve their work. Final summative assessment of components 2 and 3 will be made by the student’s own teacher.

WHAT IS EXPECTED OF A STUDENT:

A desire to explore time based visual media is essential as is the willingness and determination to work hard to achieve success in this qualification. The student should show a willingness to work using his own initiative to realise creative and exciting ideas in the format and style that suits him best.

As the student will be producing work that is individual and personal to himself, he will be expected to progress his work outside of class with an average of two to three hours of work per week in his own time.

Course Co-ordinator: Miss S O'Reilly
soreilly802@c2ken.net

GCSE MUSIC
CCEA

SUMMARY:

At GCSE level, St. Malachy's Music Department follow the CCEA GCSE Music syllabus. Students should be prepared to immerse themselves in the activities on offer in the Music Department. Singing in the Choir is compulsory. Playing in an ensemble is also advised due to the exposure to a broad range of repertoire and the development of important listening skills.

At various points throughout the year, pupils will complete formal assessments and will receive regular homework including wider listening, essays, composition work etc. Regular practising on their instrument/voice is a necessity and is expected. The Music Department produces all materials for study, based on CCEA online resources.

SCHOOL CONCERTS AND TRIPS:

GCSE Music students will naturally be involved in the musical life of the School and will take advantage of performance opportunities including informal lunchtime concerts, annual large scale concerts and participation in Music Festivals. The Music Department also run trips to see Ulster Orchestra concerts, therefore a willingness to get involved and become musically proactive to benefit your all-round musical development is desirable!

WHAT IS EXPECTED OF A STUDENT?

Potential GCSE Musicians should:

- have achieved at least Grade 3 level on an instrument or voice by the end of Year 10 (including Irish traditional and Rock/Theatre)
- be comfortable reading music on treble and bass clefs
- develop an interest in Classical Music as well as more popular genres
- join the School Senior Choir throughout the GCSE course, if not already a member
- partake in Music Theory classes to improve their technical knowledge if necessary
- demonstrate a love for all styles of music and performance!
- practise their instrument/voice regularly and be committed to at least one ensemble

RELEVANCE TO CAREER DEVELOPMENT:

Music is a highly academic subject as well as a practical subject, and students who study GCSE Music are talented individuals, able to stand up in front of others and deliver a performance under pressure, able to work well with others and either lead or conform and cooperate, able to analyse and interpret with attention to fine detail, and they are great listeners! Many College Alumni who have studied Music at GCSE level have gone on to successful careers in Medicine, Pharmacy, Law etc.

There are also huge employment opportunities in music including:

Music journalism, Sales, Recording engineer, Producer, Studio technician, Publisher, Music, performance rights or copyright Lawyer, Conductor, Teacher, Performing, pop, rock, orchestras, traditional music, Composing Film Music, TV/Radio Jingles, computer music etc.

ASSESSMENT:

UNIT 1 35%

1. Solo Performance – at least 2 minutes
2. Ensemble Performance – at least 1 minute
3. Discussion with examiner - approx. 3 minutes, focusing on your choices, composers, background, technical challenges and style conventions.

- It is compulsory that you are a member of the Senior Choir AND you are a member of at least one ensemble. These activities will directly support your musical development in all elements of the GCSE Music course

UNIT 2 30%

Composition A:

- Choose your own brief, style and resources

Composition B:

- Compose responding to pre-release stimulus.

For both compositions, you must make a recording AND submit either:

- A score
- A lead sheet
- A written account

The combined length of both compositions should be 3 – 6 minutes

UNIT 3 35%

At the end of the course, one written exam 1h.30m.

- Section A – 4 set works
- Section B – 4 unfamiliar but related works
- Section C – 1 extended writing/listening question based on a set work

1. Western Classical Music 1600–1910 <ul style="list-style-type: none"> - Handel: <i>For Unto Us a Child is Born from Messiah</i> - Mozart: <i>Horn Concerto No. 4, third movement</i> - Berlioz: <i>Symphonie Fantastique, fourth movement</i> 	2. Film Music <ul style="list-style-type: none"> - Coates: <i>March (The Dam Busters)</i> from <i>The Dam Busters</i> - Williams: <i>Superman Theme</i> from <i>Superman</i> - Horner: <i>Young Peter</i> from <i>The Amazing Spider-Man</i>
3. Musical Traditions of Ireland <ul style="list-style-type: none"> - Beoga: <i>Prelude Polkas: Prelude Polka, Paddy's Polka No. 2 and Millstream Reel</i> - Stonewall: <i>Fife Medley: Boys of Belfast and The Girl I Left Behind</i> 	4. Popular Music 1980–present day <ul style="list-style-type: none"> - Eurythmics: <i>Sweet Dreams (Are Made of This)</i> - Ash: <i>Burn Baby Burn</i> - Florence and the Machine: <i>Cosmic Love.</i>

Head of Department: Mr D Strange

dstrange376@c2ken.net

GCSE PHYSICAL EDUCATION CCEA

The GCSE Physical Education course will be based on the CCEA Specification. The intention throughout the course is to integrate the theoretical and practical aspects of the subject to ensure candidates understand the interrelated nature of knowledge and experience in influencing participation in physical activity.

The course provides students with the opportunity to become informed and competent participants in physical activity through the knowledge and understanding of the principles pertaining to effective performance and the intrinsic value of physical activity in society. A core aspect is health-related fitness with the overall aim to develop individual healthy lifestyles through exercise activity profiling.

ENTRY REQUIREMENTS:

1. A student must have a proven track record of excellent application and participation in Key Stage 3 PE.

2. Pupils must already be playing a minimum of two sports at a competitive level either in school or with an outside club.
3. A student's performance in the Year 10 Fitness testing is in line with Band 4 (good to excellent competency) of the GCSE fitness assessment.

Component 1: Factors Underpinning Health and Performance (25%)

This component is organised into the following three sections:

- 1.1 The Body at Work;**
- 1.2 Health and Lifestyle Decisions; and**
- 1.3 The Active Leisure Industry.**

This component is worth 25 percent of the total marks and is assessed in a 1 hour 15 minute written examination that includes short response questions and questions which require extended writing.

Component 2: Developing Performance (25%)

This component is organised into the following two sections:

- 2.1 Developing Physical Fitness for Performance; and**
- 2.2 Developing Skilled Performance.**

This component is worth 25 percent of the total marks and is assessed in a 1 hour 15 minute written examination that includes short response questions and questions which require extended writing.

Component 3: Individual Performances in Physical Activities and Sports (50%)

Controlled assessment (3 x 50 marks)

- (a) Students are assessed on the consistent quality, efficiency and effectiveness of their performances in physical activities and/or sports.

Students perform **three** physical activities and/or sports from the list that CCEA supply. The task involves candidates demonstrating their learning through the quality, efficiency and effectiveness of their performances in three different physical activities from at least two of the following categories:

- **Athletics** activities (for example athletics and swimming);
- **Dance** activities (for example ballroom, national and contemporary);
- **Games** activities (for example football, netball and badminton)
- **Gymnastics** activities (for example curriculum, artistic, acrobatic and trampolining);
- **Outdoor adventure** activities (for example orienteering, canoeing and sailing); and
- **Specialist activities** (for example martial arts and show-jumping).

(b) Students are assessed on the consistent quality of their analysis and evaluation of their own and others' performances (50 marks)

When being assessed, students should:

- observe an individual's performance in **one** of their selected physical activities or sports and communicate orally what they observe or experience;
- analyse, evaluate and communicate orally the quality of the observed or experienced performances of the skills, strategies, tactical or compositional principles used in the physical activities or sports;
- analyse, evaluate and communicate orally on fitness levels, attitudes, behaviours and compliance with the rules and health and safety requirements of their physical activities or sports; and
- demonstrate the quality of their analysis, evaluation and communication skills.

Additional Information:
http://ccea.org.uk/physical_education/

Head of Department: Mr A Fulton
afulton662@c2ken.net
GCSE RELIGIOUS STUDIES
CCEA

ENTRY REQUIREMENTS:

All pupils take GCSE Religious Studies as a core subject. The specification followed at GCSE builds upon the knowledge and skills that pupils will already have developed at Key Stage 3.

Whilst the Religious Studies Department, like all departments, will always strive to achieve the highest academic standards possible for our students, we also realise that we work in co-operation with parents in the development of their son's faith, and this must always be regarded as being of equal importance to the attainment of high academic standards.

This course offers students the opportunity to come to a deeper knowledge and understanding of the person of Christ to enable them to make a mature decision about their own response to the Gospel.

OUTLINE OF COURSE:

Pupils will focus on **two** areas at GCSE level:

(1) Christianity through a Study of the Gospel of Mark (Unit 5)

- *Background to Mark's Gospel (Taught in Third term of Year 10)*
- The Identity of Jesus
- Jesus the Miracle Worker.
- The teaching of Jesus
- The Death and Resurrection of Jesus
- The role and nature of Christian Discipleship

(2) An Introduction to Christian Ethics (Unit 6)

- Personal and Family Issues
- Matters of Life and Death
- Developments in Bioethics
- Contemporary issues in Christianity
- Modern warfare

The Examining Board chosen for GCSE is CCEA.

There is **no coursework**.

There are two examination papers and these make up 100% of the GCSE taken (Paper 1 at the end of Year 11 = 50%; Paper 2 at the end of Year 12 = 50%). The two papers taken are:

Paper 1: This paper will examine St. Mark's Gospel. It will be taken as a module in May/June of **Year 11**. The length of the examination is 1 hour 30 minutes. All questions in Section A must be answered, and two from three in Section B. In all, six questions.

Paper 2: This paper will examine Christian Ethics. It will be taken as a module in May/June of **Year 12**. The length of the examination is 1 hour 30 minutes. All questions in Section A must be answered, and two from three in Section B. In all, six questions.

SCHEME OF INTERNAL ASSESSMENT:

Internal assessment will be on a continuous basis. All written assignments will be evaluated by the teacher and their assessments will be shared with the pupil. In addition to this there are two internal examinations:

- (i) (Year 11): one 1 hour paper based on the term's work.
- (ii) (Year 12): one 1 hour paper based on the term's work.

WHAT IS EXPECTED OF A STUDENT?

It is hoped that students will participate enthusiastically in all the activities of the class and enjoy the study. There will be regular written assignments and homeworks: taking care with these and presenting them on time is essential for successful completion of the course. Time at home must be set aside for work.

RELEVANCE TO CAREER DEVELOPMENT:

Religious Studies is a popular GCSE subject and is growing in popularity as an AS/A2 -level subject. It is treated as a literary subject that demands high levels of research ability, investigative, reasoning/ evaluating information and presentation skills. Many students considering Arts degrees, Science, Law, Medicine, Social Sciences, teaching and other careers number Religious Studies among their GCSEs.

Please see the CCEA website for further information;

http://www.ccea.org.uk/religious_studies/

(GCSE Religious Studies, Unit 5 Mark's Gospel and Unit 6 Christian Ethics)

Other sites which may help include

www.bbc.co.uk/ethics

www.bbc.co.uk/schools/gcsebitesize/rs

www.re-xs.ucsm.ac.uk

www.schoolsnet.com

www.vatican.va/archive

Head of Department: Mr N Hammersley
nhammersley177@c2ken.net

GCSE SCIENCE CCEA

Science is an important area in the world we live in. Science, consisting of Biology, Chemistry and Physics, is taught in school as a basis for lifelong learning. The courses provide the scientific knowledge to prepare pupils for the many skills they may need to acquire for their workplace, leisure and home. The courses offered provide different depth and breadth of science.

Students have to study one of three options:

- 1. Triple Award Science (3 Separate Sciences)** - pupils can study Biology, Chemistry and Physics as separate and complete subjects, obtaining a grade in each science. These sciences are taught as 'Triple Award', a student has to choose all three. This is a good option for students seeking to pursue a Scientific, Engineering, Medical or Paramedical career path. It is expected that their curiosity and ability in Science is already evidenced by their good progress and that this is also reflected in their Science marks.
- 2. Double Award Science** - pupils study **Biology, Chemistry and Physics** in the time given to two GCSE subjects obtaining **two grades in Science** (see below for details). This specification encourages students to develop their curiosity about the living, material and physical worlds and provides insight into, and experience of, how science works. This option will be chosen by students who wish to keep their choices wide and varied. It is a challenging option due to the time restriction however it prepares them for further study in A-Level sciences and also is a valuable preparation for a range of careers, not only the fields of medicine, science and engineering, but also, for example, in areas such as commerce and public service which value problem solving and practical skills.
- 3. Single Award Science** - pupils study **Biology, Chemistry and Physics** in the time given to one GCSE subject obtaining **one grade in Science**. The course will be taught on a rotation basis: students will be taught Chemistry, then Biology and then Physics over the two years. This course allows students who do not wish to consider Science A levels to have two other options for GCSE subjects.

NB Pupils can study Science subjects at 'A' Level on the basis of completing Double Award or Triple Award Science. Further Mathematics at GCSE is also a key element for entry into A-Level Physics & Chemistry.

The revised GCSE Science specifications have been available from September 2017. CCEA are now offering this specification as a unitised course. This increases flexibility and choice for teachers and students.

GCSE BIOLOGY (TRIPLE AWARD)

Biology is the study of living things, their structure, behaviour and function, and how they

grow and reproduce. It also looks at how living things are distributed and how they interact with each other, and the natural environment.

This specification involves a new approach to biology at GCSE. It encourages students to develop their curiosity about the living world and provides insight into and experience of how science works. It also inspires, motivates and challenges students, enabling them to engage with biology in their everyday lives. They learn about cells, living processes, biodiversity, body systems, genetics, microorganisms and health.

This course prepares students for the study of biology and related courses at GCE Advanced Level and Advanced Subsidiary. It also helps them to develop transferable skills that will benefit them in vocational training and employment.

For those progressing directly into employment, a GCSE in biology is relevant not only to the fields of science and medicine, but also to areas of commerce and public services that value problem-solving and practical skills.

The table below summarises the structure of this GCSE course.

Content	Assessment	Weightings	Availability
Unit 1: Cells, Living Processes and Biodiversity	<p>External written examination</p> <p>Students answer compulsory structured questions that include short responses, extended writing and calculations.</p> <p>Foundation and Higher Tiers: 1 hour 15 mins</p>	35%	Summer from 2018
Unit 2: Body Systems, Genetics, Microorganisms and Health	<p>Externally written examination</p> <p>Students answer compulsory structured questions that require short responses, extended writing and calculations.</p> <p>Foundation and Higher Tiers: 1 hour 30 mins</p>	40%	Summer from 2019

GCSE CHEMISTRY (TRIPLE AWARD)

Chemistry is the study of the properties and reactions of materials. Students study structures, trends and various types of chemical reactions. They also investigate organic chemistry and

materials.

This revised specification involves a new approach to chemistry at GCSE, as it incorporates how science works. Students acquire and apply skills, knowledge and understanding of how science works and its essential role in society. The specification also contributes to environmental education by highlighting how chemistry affects our environment, including the themes of pollution, waste management and use of resources.

The increased focus on practical skills throughout this course prepares students for the study of chemistry and related subjects at a more advanced level, for example Advanced Subsidiary Chemistry and Advanced Chemistry. It also allows them to develop transferable skills that will benefit them in vocational training and employment.

For those progressing directly into employment, a GCSE in chemistry is relevant not only to the fields of science and pharmaceuticals, but also to areas of commerce and public services that value problem-solving and practical skills.

The table below summarises the structure of this GCSE course.

Content	Assessment	Weightings	Availability
Unit 1: Structures, Trends, Chemical Reactions, Quantitative Chemistry and Analysis	<p>External written examination</p> <p>Students answer compulsory structured questions that require short responses, extended writing and calculations.</p> <p>There are two tiers of entry.</p> <p>Foundation Tier: 1 hour</p> <p>Higher Tier: 1 hour 15 mins</p>	35%	Summer from 2018
Unit 2: Further Chemical Reactions, Rates and Equilibrium, Calculations and Organic Chemistry	<p>External written examination</p> <p>Students answer compulsory structured questions that require short responses, extended writing and calculations.</p> <p>There are two tiers of entry.</p> <p>Foundation Tier: 1 hour 15 mins</p> <p>Higher Tier: 1 hour 30 mins</p>	40%	Summer from 2019

GCSE PHYSICS (TRIPLE AWARD)

Physics is the natural science that involves the study of matter and its motion and behaviour through space and time, along with related concepts such as energy and force. One of the most fundamental scientific disciplines, the main goal of physics is to understand how the

universe behaves.

This specification encourages students to appreciate the value of physics in their lives and the world around us. It helps them develop confidence in exploring hypotheses, evidence, theories and explanations. As well as deepening their subject knowledge and understanding, students have lots of opportunities to develop transferable skills like observation, modelling, enquiry, problem-solving and critical analysis. Practical science is a key focus, with the specification listing nine prescribed practicals that students must carry out during the course.

It also provides thorough preparation for those who plan to study physics or a related subject at a higher level, for example Advanced Subsidiary Physics and Advanced Physics.

For those progressing directly into employment, a GCSE in physics is relevant not only to the fields of science and engineering, but also to areas of commerce and public service that value problem-solving and practical skills.

The table below summarises the structure of this GCSE course.

Content	Assessment	Weightings
Unit 1: Motion, Force, Density and Kinetic Theory, Energy, and Atomic and Nuclear Physics	External written examination There are two tiers of entry. Foundation Tier: 1 hour 15 mins Higher Tier: 1 hour 30 mins Students answer compulsory structured questions that include short responses, extended writing and calculations.	37.5%
Unit 2: Waves, Light, Electricity, Magnetism, Electromagnetism and Space Physics	External written examination There are two tiers of entry. Foundation Tier: 1 hour 15 mins Higher Tier: 1 hour 30 mins Students answer compulsory structured questions that include short responses, extended writing and calculations.	37.5%

The three sciences also have a Practical Assessment

Unit 4: Practical Skills includes two parts. For Booklet A, students carry out two practical tasks in the laboratory under exam conditions. Booklet B is a written practical theory exam, with questions based on any of the prescribed practical tasks from the specification

GCSE DOUBLE AWARD SCIENCE:

Through studying this specification, students:

- Gain a broad knowledge and understanding of science, biology, chemistry and physics;
- Gain scientific, investigation and problem-solving skills;
- Develop a critical approach to scientific evidence and methods; and
- Acquire and apply skills, knowledge and understanding of how science works and its essential role in society.

Students are offered the opportunity to be inspired, motivated and challenged by a broad, practical and worthwhile course of study. It encourages them to develop their curiosity about the living, material and physical worlds and provides insight into and experience of how science works.

This course prepares students for the study of science-related subjects at a more advanced level, for example Advanced Subsidiary and Advanced Biology, Chemistry and Physics. For those progressing directly into employment, a GCSE in Double Award Science is relevant not only to the fields of science and engineering, but also to areas of commerce and public service that value problem-solving and practical skills.

The table below summarises the structure of this GCSE course:

Content	Assessment	Weighting
Biology Unit 1: Living Processes and Biodiversity	An externally assessed written examination consisting of a number of compulsory structured questions that provide opportunities for short answers, extended writing and calculations. Foundation and Higher Tiers: 1 hour	11%
Chemistry Unit 1: Structures, Trends and Chemical Reactions	An externally assessed written examination consisting of a number of compulsory structured questions that provide opportunities for short answers, extended writing and calculations. Foundation and Higher Tiers: 1 hour	11%
Physics Unit 1: Force and Motion, Energy, Moments, and Radioactivity	An externally assessed written examination consisting of a number of compulsory structured questions that provide opportunities for short answers, extended writing and calculations. Foundation and Higher Tiers: 1 hour	11%

Biology Unit 2: Body Systems, Genetics, Microorganisms and Health	An externally assessed written examination consisting of a number of compulsory structured questions that provide opportunities for short answer, extended writing and calculations. Foundation and Higher Tiers: 1 hour 15 mins	14%
Chemistry Unit 2: Further Chemical Reactions and Organic Chemistry	An externally assessed written examination consisting of a number of compulsory structured questions that provide opportunities for short answer, extended writing and calculations. Foundation and Higher Tiers: 1 hour 15 mins	14%
Physics Unit 2: Waves, Sound and Light, Electricity, and the Earth and Universe	An externally assessed written examination consisting of a number of compulsory structured questions that provide opportunities for short answer, extended writing and calculations. Foundation and Higher Tiers: 1 hour 15 mins	14%
Practical Skills Unit	Controlled assessment Students: complete two controlled assessment tasks from a choice of six. The two tasks must come from different subject areas within the specification. (See Section 3 for details.) Teacher: mark the task and we moderate the results.	25%

Through studying this specification, students:

- Gain knowledge and understanding of science, biology, chemistry and physics;
- Gain scientific, investigation and problem-solving skills;
- Develop a critical approach to scientific evidence and methods; and
- Acquire and apply skills, knowledge and understanding of how science works and its essential role in society.

Students are offered the opportunity to be inspired, motivated and challenged by a broad, practical and worthwhile course of study. It encourages them to develop their curiosity about the living, material and physical worlds and provides insight into and experience of how science works.

This course is not suitable for students wishing to study science-related subjects at a more advanced level, for example Advanced Subsidiary and Advanced Biology, Chemistry and Physics.

The table below summarises the structure of this GCSE course.

Content	Assessment	Weightings
Unit 1: Biology	External written examination Foundation and Higher Tiers: 1 hour Students answer compulsory structured questions that include short responses, extended writing and calculations.	25%
Unit 2: Chemistry	External written examination Foundation and Higher Tiers: 1 hour Students answer compulsory structured questions that include short responses, extended writing and calculations.	25%
Unit 3: Physics	External written examination Foundation and Higher Tiers: 1 hour Students answer compulsory structured questions that include short responses, extended writing and calculations.	25%

PRACTICAL SKILLS ASSESSMENT:

Unit 4: Practical Skills includes two parts. For Booklet A, students carry out two practical tasks in the laboratory under exam conditions. Booklet B is a written practical theory exam, with questions based on any of the prescribed practical tasks from the specification.

The examinations (Unit 1 (Biology), Unit 2 (Chemistry) and Unit 3 (Physics) are added together, and the marks for Unit 4 (Practical Skills) also contribute to the total score.

Head of Science and Biology: Dr D Roberts

droberts641@c2ken.net

Head of Chemistry: Miss L Norton

lnorton734@c2ken.net

Head of Physics: Mrs C McGrath

cmcgrath830@c2ken.net

GCSE SPANISH

CCEA

ENTRY REQUIREMENTS:

It is preferred that students taking GCSE Spanish have studied the subject at Key Stage 3. However, in exceptional circumstances, some pupils have taken up the language in Y11 and have been very successful. More importantly, pupils considering the study of GCSE Spanish need to demonstrate an ability and genuine interest in the subject as an essential foundation for further study.

COURSE OUTLINE:

Context 1 – Identity, Lifestyle and Culture: Students' lives, families, homes and interests, and those of others in Spanish-speaking communities and countries.

- Myself, my family, relationships and choices
- Social media and new technology
- Free time, leisure and daily routine
- Culture, customs, festivals and celebrations

Context 2 – Local, National, International and Global Areas of Interest: Students' lifestyles and attitudes to environmental, social and global issues, and those of others in Spanish-speaking communities and countries.

- My local area and the wider environment
- Community involvement
- Social and global issues
- Travel and tourism

Context 3 – School Life, Studies and the World of Work: Education and employment issues in students' own country or community and in Spanish-speaking communities and countries.

- My studies and school life
- Extra-curricular activities
- Part-time jobs and money management
- Future plans and career

Many of the above topics have already been introduced at Key Stage 3 level and will be further developed at a level appropriate to GCSE.

WHAT IS EXPECTED OF THE STUDENT?

We expect that every student who chooses to study Spanish at GCSE level does so because he has enjoyed the subject at Key Stage 3, is motivated to succeed, and has a desire to improve his knowledge of the language and its culture. To succeed at this level you must:

- have a commitment to study equally hard at home and at school
- learn and revise regularly the vocabulary and grammatical structures of the language
- participate fully and enthusiastically in the oral elements of the subject

SCHEME OF EXTERNAL ASSESSMENT:

Content	Assessment	Weighting
----------------	-------------------	------------------

Unit 1 Listening	One externally assessed written paper, consisting of twelve questions. Available at Foundation or Higher tier.	25%
Unit 2 Speaking	One teacher-facilitated and externally marked examination, consisting of two role-plays and one general conversation.	25%
Unit 3 Reading	One externally assessed written paper, consisting of twelve questions. Available at Foundation or Higher tier.	25%
Unit 4 Writing	One externally assessed written paper, consisting of four questions. Available at Foundation or Higher tier.	25%

SCHEME OF INTERNAL ASSESSMENT:

Internal assessment is carried out on a regular basis, through classroom observation of listening, writing, reading and speaking activities. At the end of each topic, there is also a recorded assessment, designed to test all four skill areas. In addition, two formal examinations are completed in Year 11, at Christmas and in May; in Year 12, there is a mock GCSE examination at Christmas.

It is essential that pupils who wish to pursue this course understand, from the outset, that learning homework is of equal importance to written homework and must be undertaken on a regular basis, in order to achieve success.

THE BENEFITS OF SPANISH:

Spanish is an excellent choice if you want a fascinating subject that offers you a range of career possibilities (not just teaching!!!), is a lot of fun along the way and gives you a broad range of knowledge and skills – incredibly important tools to have under your belt. With a qualification in Spanish, there are many career opportunities open to you, ranging from business (e.g. banking, international law and advertising), to communications (e.g. translation and journalism) through to governance (e.g. diplomatic sector). The main reason why employers actively seek employees with language skills is because we are great problem solvers (e.g. forming points of grammar correctly), we can think laterally and creatively (e.g. expressing ourselves, using the Spanish we know) and our presentation and communication skills are excellent (think about all the speaking tests you). In addition, studying Spanish is fun. While it is true that you learn (lots of) vocabulary and grammar, you also learn about the culture, history, society and lifestyle associated with Spain and Spanish-speaking countries.

Head of Department: Dr J Thompson
jthompson311@c2ken.net
GCSE TECHNOLOGY & DESIGN
CCEA

ENTRY REQUIREMENTS:

A keen interest in Technology & Design, Engineering and other related disciplines is

desirable. Performance throughout KS3 will also be taken into consideration.

OUTLINE OF THE COURSE:

Technology and Design is split into three units

- Two units are examination based.
- One unit is controlled assessment.

Unit 1: Technology & Design Core

This is a core unit and is compulsory. In this unit you will learn about:

- Designing;
- Manufacturing;
- Electronics;
- Mechanical control systems;
- Computer control systems; and
- Pneumatic systems and control.

Unit 2: Optional Areas of Study

In this unit there are three elements. You will study either electronic and microelectronic control systems, mechanical and pneumatic control systems or Product Design.

Unit 3: Design and Manufacturing Project

This is a compulsory unit. This unit enables you to demonstrate your ability to design and manufacture a product and create an associated portfolio under controlled conditions.

SCHEME OF EXTERNAL ASSESSMENT:

Unit 1: 1 hour 30 mins external examination paper worth **25%** of the overall GCSE qualification. This unit is normally completed in Year 11.

Unit 2: 1 hour 30 mins external examination in the element that you have studied. This is worth **25%** of the overall GCSE qualification. The paper is split into: Electronic and Microelectronic Control Systems; Mechanical and Pneumatic Control Systems and Product Design. You only complete the element you have studied.

Unit 3: Design and Manufacturing Project. This controlled assessment is worth **50%** of the overall GCSE qualification. You will complete a design portfolio and an associated manufacturing task. This is marked internally and moderated by CCEA.

WHY STUDY TECHNOLOGY & DESIGN?

- You get to create your own product or system;
- You get to work with tools and machines;
- You get to use graphics, and other methods, to communicate your design ideas;
- You get to make links between products and the impact they have on daily life;
- You get to develop your decision making skills; and
- You gain insight into related sectors such as manufacturing/engineering and the career paths

they have to offer.

Head of Department: Mr H McAllister
hmcallister986@c2kni.net

CONTACTS

Head of Year 10:

Mr L McGuinness lmcguinness033@c2ken.net

Head of Junior School:

Mr C Heaney cheaney206@c2ken.net

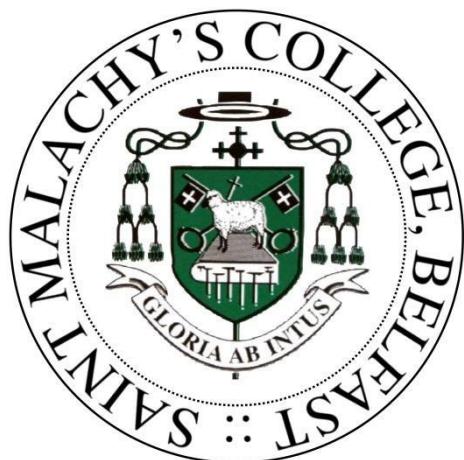
Heads of Careers:

Ms N O'Hare nohare475@c2ken.net

Mr C Johnston cjohnston320@c2ken.net

Vice Principal (Curriculum):

Mrs Lois Graham lgraham269@c2ken.net



www.stmalachyscollege.com