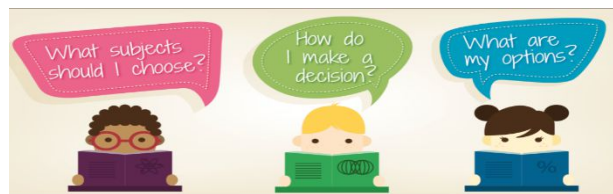




GCSE OPTIONS

YEAR 10 BOOKLET 2022



Name:

Class:

Subject options sheets will be sent with the Winter Report 2020.

Please keep up-to-date with GCSE Options information on Carrickfergus Academy Facebook Page, SIMS ParentApp & the School Website.

Careers consultations will then take place early February 2021 to confirm subject choices.

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Remember to keep an open mind with your future career hopes as you may change your mind in the light of fresh ideas or new developments.

SO, WHAT IS IMPORTANT?

Choose subjects that
SUIT YOU
And **YOUR ABILITIES.**
In doing so consider:

i. the subjects you **LIKE**

i.e. subjects where you enjoy the type of work and the classroom activities.

ii the subjects you are **GOOD AT**

i.e. where you feel confident about your progress and where you have gained good grades in tests, projects and/or examinations.

iii the subjects which have been **RECOMMENDED**

e.g. a teacher has made a point of saying to you that you have potential in their subject.

a relative has advised you to take a subject because they believe it to be important in today's / tomorrow's world.

iv the subjects which you may **NEED** i.e. subjects you think you will

Visit this website to support you and your parents / guardians <https://successatschool.org/>

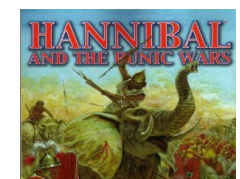
GCSE ANCIENT HISTORY

What's the most interesting thing in the world?



OCR's GCSE in Ancient History features a romp through the most exciting parts of Roman and Greek history, focusing on the key individuals and events that helped shape the ancient world. This course provides solid preparation for those learners wishing to progress to AS and A Level in History and Government and Politics qualifications.

Content Overview	Weighting	Assessment
Unit 1 – The Persian Empire, 559-465 BC Depth Study – Alexander the Great, 356-323 BC	50%	Written exam 1 hour 45 minutes Year 12
Unit 2 – The foundations of Rome: from kingship to republic, 753-440 BC Depth Study – Hannibal and the Second Punic War, 218-201 BC	50%	Written exam 1 hour 45 minutes Year 12




This specification has no separate tiers of entry.

Extra information available at www.ocr.org.uk

BUT WILL IT BE ANY USE TO ME WHEN I'M OLDER?

Apart from being very interesting, Ancient History is very useful. Employers will know that you have taken on certain key skills which, learnt through Ancient History, can be applied to all sorts of other situations. Such as being a group member or leader, making sound judgements and decisions, understanding of cause and consequence and analysing and evaluating sources of information.

If you have enjoyed history in junior school and like lots of gory stories, then PICK ANCIENT HISTORY.



CAREER OPPORTUNITIES

STEM CAREERS

Science Technology Engineering Maths

<p>Civil Service Radio and Television Teaching Law Social and Probation services Archaeology Journalism</p>	<p>Research Machines plc. Computing Archivist Legal Executive Policing MUSEUM Curator / Keeper Barrister</p>	<p>Tour Guide Town Planner Antiques Dealer Professional Historian / University Lecturer Careers in the Diplomatic Service.</p>
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GCSE ART AND DESIGN

At Carrickfergus Academy we offer the CCEA GCSE Art and Design specification. This is an exciting subject, helping students develop an understanding of how ideas and intentions can be communicated through a visual and tactile language. Students learn how to:

1. **Explore** ideas and observations through a wide range of media, materials and processes.
2. **Develop** their understanding of the creative and cultural industries.
3. **Experiment** in at least two of the following disciplines: Drawing and painting, Printmaking, Textiles, Ceramics, Digital media and 3D design.
4. **Create** final outcomes linking their work to the work of other artist/designers

Component 1 - (Coursework – 60%)

Part A - Exploratory Portfolio

Part B - Investigating the Creative and Cultural Industries

Component 2 - (Externally Set Assignment – 40%)

ESA - Students develop, explore and record ideas, working towards a personal outcome in response to an externally set theme.

<https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-art-and-design-2017>

Content	Weighting	Assessment
Component 1 - Part A: Students develop, explore and record ideas based on a theme.	25%	Controlled Assessment Is both internally & externally moderated.
Component 1 - Part B: Investigating the Creative & Cultural Industries. Students present a personal outcome in response to a theme.	35%	
Component 2: Externally set assignment A stimulus paper is released in early Jan of Year 12. Minimum of 20 hrs prep in response to the theme and a final piece is completed in a 10 hour exam.	40%	Component 2 Externally Set Assignment is both internally and externally moderated.



Who should consider choosing this subject?

- Pupils who enjoy Key Stage 3 Art and Design
- Pupils with an interest in working in a highly motivated environment
- Pupils who enjoy researching, taking their own photos and working from them.

“CREATIVE people
are **CURIOUS, (flexible),**
PERSISTENT,
and **independent** with a
TREMENDOUS SPIRIT
of **adventure**
& **a love of play.”**
HENRI MATISSE

Topics Studied:

Practical

Fine Art

Fashion and
Textiles

3D Design and
Construction

Digital Art

Theory

Researching
processes,

materials and
tools of
practitioners,

Collecting
contextual
research





GCSE Business Communication Systems

Course Content

GCSE Business & Communication Systems is a qualification accredited and awarded by CCEA – http://ccea.org.uk/business_comm_systems/

GCSE Business Communication Systems is offered to all Year 11 pupils, it is a very **applied** course which prepares students for the world of work and it incorporates Business along with ICT. No job in today's society is NOT a business!!!

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.

Who should consider choosing this subject?

- Pupils who have enjoyed KS3 Business & Enterprise
- Pupils who want to set up their own business in the future
- Pupils who enjoy working on computers
- Pupils who enjoy working in a highly motivating and changing environment

Assessment

Content	Weighting	Assessment
Unit 1: Software Applications for Business	40%	Computer-based Examination - 1 hour 30 minutes
Unit 2: The Business Environment	35%	Written Examination - 1 hour
Unit 3: Developing Digital Solutions	25%	Controlled Assessment



Entrepreneur
Teacher
Marketing Manager
Public Relations
Criminologists
Hotel Management
Estate Agent
Retail
Recruitment Consultancy
Stock Broker
Business Manager
Retail Manager

Bank Manager
Accountant
Advertising
Marketing
TV/Film/Video Producer
Civil Service
Human Resource Manager
Quantity Surveyor
System Analyst
Market Researcher
Venture Capitalist
Practice Manager

Topics Studied:

Practical

- Word processing
- Spreadsheets
- Databases
- Presentations
- E-Mail
- Web Design

Theory

- Business Ownership
- Stakeholder
- Communication
- Marketing
- Recruitment / Selection & Training

GCSE Business Studies

Course Content

GCSE Business Studies is a qualification accredited and awarded by CCEA - http://ccea.org.uk/business_studies/

GCSE Business Studies is offered to Year 11 pupils as an **academic** course which examines the workings of a business and its relationship with the outside world. It is a very useful subject for expanding pupils' general knowledge, providing excellent preparation for life outside the classroom. Business is one of the most popular subjects studied at University due to the high demand worldwide for business students due to the fact that Business touches on pretty much every aspect of modern society. Careers with a business degree are diverse and often highly paid.

Who should consider choosing this subject?

- Pupils who have enjoyed KS3 Business & Enterprise
- Pupils who want to set up their own business in the future
- Pupils who are interested in current issues within the business world
- Pupils who enjoy working in a highly motivating and changing environment
- Pupils who enjoy Mathematics

Assessment

Content	Weighting	Assessment
Unit 1: Starting a Business	40%	Written Examination – 1hr 30 mins Taken in Year 11
Unit 2: Developing a Business	40%	Written Examination – 1hr 30 mins Taken in Year 12
Unit 3: Planning a Business	20%	Controlled Assessment

Topics Studied:

Unit 1

- Entrepreneurs
- Business Ownership
- Role of Social Enterprise
- Business Location
- Business Aims and Objectives
- Stakeholder
- Marketing
- M and E – Business
- Types of Production
- Methods of Manufacturing
- Health & Safety

Unit 2

- Recruitment / Selection & Training
- Motivation
- Business Success & Failure
- Business Growth
- Sources of Finance
- Cash Flow
- Financial Statements
- Ratio Analysis
- Break-even

Unit 3

- Business Planning



Entrepreneur
Teacher
Marketing Manager
Public Relations
Criminologists
Hotel Management
Estate Agent
Retail
Recruitment Consultancy
Stock Broker
Business Manager
Retail Manager

Bank Manager
Accountant
Advertising
Marketing
TV/Film/Video Producer
Civil Service
Human Resource Manager
Quantity Surveyor
System Analyst
Market Researcher
Venture Capitalist
Practice Manager

GCSE Child Development



This is a qualification accredited and awarded by CCEA.

GCSE Child Development focuses on the development of

babies and small children (0–5 years). You will develop knowledge, understanding and skills, including practical skills, in these key areas:



- pregnancy, childbirth and caring for a newborn baby
- the responsibilities involved in parenting and other family roles
- the social, physical, intellectual, communication and emotional development of small children, including their dietary, health and educational needs

Assessment

Content	Weighting	Assessment
Unit 1—Parenthood, Pregnancy and the newborn baby	30%	1 hour 15 mins written exam completed in the summer of Year 11
Unit 2—The development of the Child: 0-5 Years	30%	1 hour 15 mins written exam completed in the summer of Year 12
Unit 3—Investigation Task	40%	Controlled assessment Year 12

Who should consider choosing this subject?

- Those who have an interest in working with children
- Those who enjoyed Home Economics and Science at Key Stage Three.

Career opportunities

- **Midwife**
- **Nurse**
- **Nursery assistant**
- **Teacher**
- **Social worker**
- **Learning support assistant**



For more information visit:

<https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-home-economics-child-development-2017>

GCE English Literature

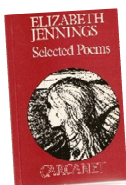


The English Literature course at Carrickfergus Academy follows the CCEA programme of study and offers students the exciting opportunity to study a range of texts, building their critical thinking and analytical essay writing skills, which are so important for university level study. To undertake the course, although it is useful for students to have studied GCSE English Literature, it is *not a requirement* – however, it would be important to have attained at least a C grade (preferably a C*) in GCSE English.



Year 13

Students will study two AS units covering Drama, Prose and Poetry texts.



UNIT 1: **SECTION A**

Chosen Texts: Select Poetry from Elizabeth Jennings & Philip Larkin

Assessment: Open Book Examination (1 Hour)

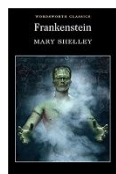
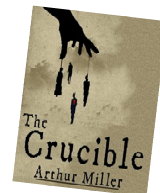
Larkin and Jennings' poetry is gritty and self-reflective, covering themes such as relationships, death and isolation.

SECTION B

Chosen Text: Arthur Miller - *The Crucible*

Assessment: Closed Book Examination (1 Hour)

Miller's short, gripping play is set during the Salem witch trials and draws parallels with the McCarthy era in America in the mid 1950's.



UNIT 2:

Chosen Text: Mary Shelley - *Frankenstein*

Assessment: Closed Book Examination (1 Hour)

Frankenstein is a classic gothic horror tale, dealing with themes such as alienation, secrecy and ambition.

YEAR 14

At A2 level, students build on the skills taught at AS to prepare for two exam components and one extended piece of coursework.

UNIT 1:

Chosen Text: William Shakespeare's *Othello*

Assessment: Closed book examination (1 Hour 30 Mins)

Shakespeare's tragedy introduces the reader to a world of betrayal, deceit and murder, and a masterful villain who you love to hate.



UNIT 2:

Chosen Text: William Blake – Prescribed Poems

Assessment: Closed Book Examination (1 Hour)

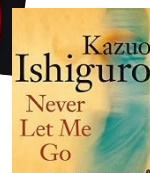
Blake's poetry addresses themes of vocation, religion and the power of art.

UNIT 3:

Chosen Texts: Margaret Atwood – *The Handmaid's Tale* & Kazuo Ishiguro *Never Let Me Go*

Assessment: Coursework (2500 words)

These modern dystopian fictions deal with issues of love, rebellion, and identity, as individuals struggle to confront the internal and external conflicts created by the societies in which they live.



Careers' Pathways

In combination with other A-Levels, English Literature can lead to a host of different career paths. Some of our past pupils have gone on to become:



- Business Managers
- Teachers / Lecturers
- Nurses
- Police Officers
- Advertising Executives
- Journalists
- Solicitors
- Publishing Copy-Editors
- Writers
- Social Workers
- Public Relations Officers
- Designers
- Architects
- Civil Servants

Home Economics



As a department we will be offering two areas of study, of which you will be able to study one over the 2 year period. You will be placed in the class that enables you to meet your potential. Talk to your teacher to see what class they feel would suit you best.

- [GCSE Hospitality](#)
- [OCN Diet Food and Hospitality](#)

GCSE Hospitality

Studying Hospitality will introduce you to the diverse and global hospitality industry and the skills required for working in it. Through theory and practical work-related tasks, the specification will help you to develop the knowledge, understanding and skills that can prepare you for further study and/or employment.

Assessment

Content	Weighting	Assessment
Unit 1: The Hospitality Industry	25%	External written examination 1 Hour
Unit 2: Hospitality and the Customer	25%	External written examination 1 Hour
Unit 3: Food and Beverage Preparation and Service	50%	Controlled Assessment Students produce a portfolio of three tasks (30%) and contribute to planning and carrying out an event or function (20%)

For further information:

<https://www.rewardinglearning.org.uk/microsites/hospitality/>



Careers

Caterer
Event management
Conference and Banqueting Manager
Customer service
Chef
Food Technician
Bar Manager
Restaurant Manager
Hotel receptionist

Topics Studied:

Theory

- ❖ Safe food handling in hospitality outlets
- ❖ Communication
- ❖ Marketing and promotions
- ❖ Customer care standards and procedures
- ❖ Products and services
- ❖ Customers in hospitality
- ❖ Career opportunities in hospitality
- ❖ Diet and health in the hospitality industry
- ❖ Health and safety at work
- ❖ First aid

Practical

- ❖ Selecting, storing, preparing, cooking and serving food
- ❖ Food preparation roles
- ❖ Planning an event or function
- ❖ Cost and portion control
- ❖ Food preparation and cooking skills

E.g. Knife skills, pastry making, bread making, sauce and dressings, cake making.



Additional costs to study this subject:

Students will be asked to make a payment to contribute towards the ingredients at the start of Year 11 and Year 12.

OCN – Diet, Food & Hospitality

After successfully completing this vocational subject you will achieve an equivalent to a grade B at GCSE.

We will cover topics that will prepare you for employment in the hospitality industry and consider how consumers should make healthy diet choices for example:

- Practical cooking skills
- Customer service
- Food and nutrition
- Safety and hygiene



Assessment

- This subject is assessed 100% by portfolio work. That means you do not have to sit an exam.
- You will have to complete 5 portfolios over the 2 year course
- Some of these will include food practical assessments.

Who should consider this subject?

Someone who:

- Enjoys cooking and has good practical skills
- Enjoys Home Economics
- Has an interest in the hospitality sector
- Wants to learn more about how we can make healthy food choices.

Careers

- Chef
- Waiting staff
- Working in a hotel



“The Food and Drink industry is Northern Ireland's largest manufacturer” (Invest NI)

Additional costs to study this subject:

Students will be asked to make a payment to contribute towards the ingredients at the start of Year 11 and Year 12.





GCSE French

Course content

The GCSE French course covers a wide variety of relevant topics, and through studying the course, pupils develop the four skills associated with language learning: Listening, Speaking, Reading, and Writing. Students will also develop a greater awareness of key grammar points, as well as being able to understand and express activities in the present, past, and future tenses. Candidates are entered at Foundation or Higher level.

Skill	Weighting	Assessment
Listening	25%	Written exam - 35 or 45 minutes
Speaking	25%	One speaking test - 7-12 minutes
Reading	25%	Written exam - 50 minutes or 1 hour
Writing	25%	Written exam - 1 hour or 1 hour 15 minutes

You might consider this subject if you enjoy the following:

- KS3 French
- Developing your knowledge of the life and culture of other countries
- Developing your research and analytical skills
- Working with others



Topics studied:

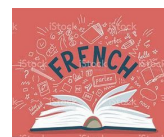
- Relationships
- Home and local area
- Life at school
- Leisure time
- Health and lifestyle
- Customs & celebrations
- Tourism
- Environmental issues
- Education and career plans
- Technology
- Social issues

For further details, please speak to your French teacher, or browse the materials posted in your Google Classroom.

Alternatively look at the examination board's website: www.ccea

There are no additional costs to study this subject, but it is useful to have access to a French dictionary.

Potential careers requiring or involving the use of a modern language such as French:



Teaching, translating, interpreting, law, finance and business, IT, gaming industry, engineering, civil service, diplomatic service, European Commission, journalism and broadcast media, transport and tourism, sport, music, language therapies.

It must be stressed that having a GCSE in another language is potentially beneficial to any career, and employers of all kinds view the general skills that are developed by language learners as being desirable in a wide variety of disciplines. Having knowledge of another language will also be of benefit to you as it will help to improve your literacy and interpersonal skills.

It is also worth pointing out that some universities require all students to have studied at least one modern foreign language to GCSE level - this is regardless of the degree course for which they are applying.

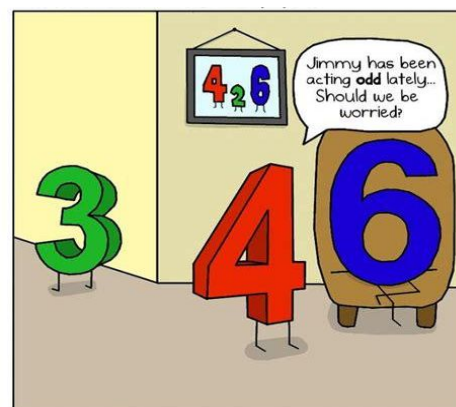
Having a *GCSE* in a language is potentially beneficial to any career, and employers of all kinds view the general skills that are developed by language learners as being desirable in a wide variety of disciplines. It will always benefit you as it will help to improve your literacy and interpersonal skills.

It is also worth pointing out that some universities require all students to have studied at least one second language to *GCSE* level. This is regardless of the degree course they for which they are applying.

FURTHER MATHEMATICS

Specification at a glance

Content	Assessment
<ul style="list-style-type: none"> Unit 1: Pure Mathematics (50%) <i>Mandatory unit</i> 	<ul style="list-style-type: none"> External paper – 2 hours
<ul style="list-style-type: none"> Unit 2: Mechanics (25%) <i>Optional unit</i> 	<ul style="list-style-type: none"> External paper – 1 hour
<ul style="list-style-type: none"> Unit 3: Statistics (25%) <i>Optional unit</i> 	<ul style="list-style-type: none"> External paper – 1 hour
<ul style="list-style-type: none"> Unit 4: Discrete and Decision Mathematics (25%) <i>Optional unit</i> 	<ul style="list-style-type: none"> External paper – 1 hour



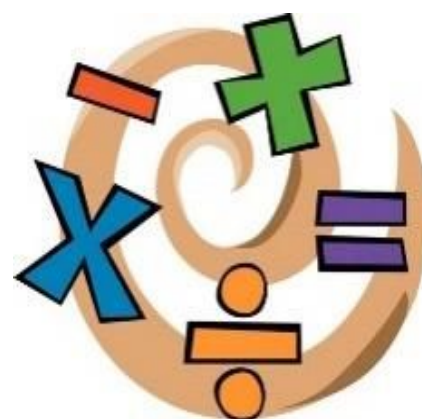
Benefits for students

A GCSE in Further Mathematics helps students to:-

- Use and apply standard techniques
- Reason, interpret and communicate mathematically
- Solve problems within mathematics and other contexts
- Gives an excellent stepping stone to A-Level Mathematics

For more information see <http://ceea.org.uk/mathematics/>

Unique features	Employability
<ul style="list-style-type: none"> New specification Comprises four units <ul style="list-style-type: none"> ➢ Pure Mathematics (<i>mandatory</i>) ➢ Mechanics (<i>optional</i>) ➢ Statistics (<i>optional</i>) ➢ Discrete & Decision Maths (<i>optional</i>) Centres choose two optional units More choice and broader range of mathematical topics Offers progression to GCE Maths/Further Maths and to other GCE subjects e.g. STEM, Geography, Economics, Business Studies 	<ul style="list-style-type: none"> Qualification is linked to GCSE Mathematics (higher tier) and GCE Mathematics Potential pathway into a range of careers, for example engineering, science, finance, statistics, computing, teaching Further Mathematics support Programme (MEI) Acknowledged by independent research



Investment banking
Financial adviser
Statistician

Pharmacy Sciences
Accountant
Research analyst

Computer scientist
Maths Teacher
Software developer

Engineer
Mathematician
Actuary



Geography



Course Content:

Geography allows the opportunity to develop communication, graphical, mapping, technological, interpersonal, problem solving, and entrepreneurial skills. **Geography** provides you with a clear overview of the world in the first part of the 21st Century. **Geography** intends to interest you by giving you an insight into future challenges through the study of current issues of local, national and global importance, and their future management. **Geography** gives you an appreciation of the significance of values and attitudes to the development and resolution of these issues. This gives you useful preparation for understanding the world in which you are going to live and work. **Geography** aims to raise your awareness of your responsibilities to other people, to the environment and to the sustainability of the planet.

Content	Content summary	Assessment	Weighing
Unit 1: Understanding our Natural World	Theme A: River Environments Theme B: Coastal Environments Theme C: Our Changing Weather and Climate Theme D: The Restless Earth	External Written Examination 1 hour 30 mins Taken at the end of Year 11	40%
Unit 2: Living in our World	Theme A: Population and Migration Theme B: Changing Urban Areas Theme C: Contrasts in World development Theme D: Managing our Environment	External Written Examination 1 hour 30 mins Taken at the end of Year 12	40%
Unit 3: Fieldwork	Students base their answers on their knowledge and experience of fieldwork This normally is a River Investigation and a small charge is asked to cover transport costs.	External Written Examination 1 hour Taken at the end of Year 12	20%

For more information visit: https://www.rewardinglearning.org.uk/microsites/geography/revised_gcse/index.asp

If you are good at Geography or enjoy the subject you should seriously consider taking it as one of your GCSE option choices. After all you have already been studying it for a number of years. You know what it is about!

CAREER OPPORTUNITIES



- Cartographer
- GIS applications
- Property Developer
- Urban Planner
- Tourist Information Officer
- Travel Agent
- Foreign/Travel Correspondent
- Geography Teacher
- Market Researcher
- Airline Flight Attendant
- Housing and Social Welfare Officer
- Conservation Officer

- Engineer
- Weather Forecaster
- Pilot
- Charter Surveyor
- Land and Water Management
- Environmental Health Officer
- Archaeologist
- Ecologist
- Careers in Agriculture/Horticulture
- Development Worker
- Air Traffic Controller
- Landscape Architect

Health & Social Care

The GCSE Health and Social Care course gives you opportunities to learn about **human development** and investigate how factors, such as smoking, pollution, income or chronic illness, affect **health and well-being**.

You also learn about how **relationships** and **major life changes**, such as birth of a sibling, starting college, university or work, affect health and well-being. You also investigate the **sources of support** for individuals coping with life changes.

You develop understanding of the **world of work** in the health, social care and early years sectors by investigating how the needs of different service user groups are met. You also learn about a range of job roles in these sectors and discover how practitioners apply the **values of care**.

Subject Coordinator:

Miss C Acheson

Level: GCSE

Exam board: CCEA

Who is this subject for?

- Students considering a **career** in health, social care or early years
- Students considering **studying A-level** Health & Social Care
- Students who enjoy **project work** and working independently



Assessment



Unit:	Areas of Study	Assessment Description	Weighting
1: Year 11 Personal Development, Health & Well-Being	<ul style="list-style-type: none"> • human development • factors affecting health & well-being • relationships • self-concept • life changes and sources of support 	Examination (1 hour 30 minutes)	50%
2: Year 12 Working in the Health, Social Care and Early Years Sectors	<ul style="list-style-type: none"> • service users' needs • health and social care services • early years services • job in health and social care • the values of care • safeguarding 	Controlled assessment	50%

Careers

- Social Work
- Nursing
- Teaching
- Carer
- Child care
- Research work
- Nursing
- Nutrition / dietetics
- Occupational therapy

Progression Opportunities:

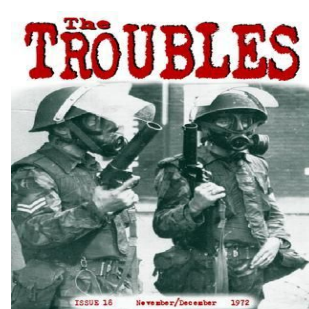
- **Level 3 vocational qualifications** at a range of colleges
- **Academic qualifications** such as single or double award A-level Health & Social Care in Carrickfergus Academy
- **Employment** in the Health & Social Care sector, in due course, such as junior roles, or as an apprentice.

Any Questions?

Scan here...



GCSE History



This specification provides you with the opportunity to explore key events that have helped shape the world we have today. You will learn and evaluate systems of government, cultures and societies. The specification prepares you for a range of careers and allows them to develop skills that are transferable and highly valued by employers.

This specification has no separate tiers of entry.

Extra information available at www.ccea.org.uk/history/



Content	Weighting	Assessment
Unit 1 Life in Nazi Germany 1933-1945 Northern Ireland and it's Neighbours, 1965-1998	60%	Written exam 1 hour 45 minutes Year 11
Unit 2 International Relations 1945-2000	40%	Written Exam 1 hour 15 minutes Year 12

HAVE YOU ENJOYED HISTORY IN JUNIOR SCHOOL? DO YOU WANT TO KNOW WHAT NAZI GERMANY WAS REALLY LIKE? ARE YOU INTERESTED IN THE TROUBLES IN NORTHERN IRELAND? DO YOU WANT TO KNOW WHY 9/11 HAPPENED? THEN PICK GCSE HISTORY!!



Civil Service
Radio and Television
Teaching
Law
Social and Probation services
Archaeology
Journalism
Psychology

Research Machines plc.
Computing
Archivist
Legal Executive
Policing
MUSEUM Curator / Keeper
Barrister

Tour Guide
Town Planner
Antiques Dealer
Professional Historian / University Lecturer
Careers in the Diplomatic Service.

Horticulture



Pearson Level 2 Extended Certificate in Horticulture is an interesting and challenging subject mixing classroom based learning with getting your hands dirty planting and growing crops. The course leads to the equivalent of 2 GCSE grades dependent on graded outcomes at Grades A*-C as per the National Qualifications Framework (NQF). The certificate is taught as a series of units which are assessed internally. **There is no final examination.**

Assessment

Content	Weighting	Assessment
Unit 1: Understanding the basic principles of plant science	25%	Practical assessments and written portfolio Year 11
Unit 5: Establish and maintain plants outdoors	25%	Practical assessments and written portfolio Year 11
Unit 17: Participate in Propagation Techniques	25%	Practical assessments and written portfolio Year 12
Unit 19: Introduction to animal and plant biology	25%	Practical assessments and written portfolio Year 12

Topics Studied include:

- Plant structure and function
- Plant growth
- Plant physiology
- Physiological manipulation
- Ground preparation
- Planting woody and herbaceous plants
- Maintaining plant health

For further information: <https://>

Who should consider choosing this subject?

You should choose this course if you enjoy:

- ✓ Key stage 3 plant science topics
- ✓ You have an interest in gardening
- ✓ You have got 'green fingers'
- ✓ You enjoy working outdoors



Good career opportunities are available in:

garden design
contracting
local authorities
sports facilities
ancillary industry
retail garden centres





OPTION 1

ICT (OCR Cambridge Technical – Level 2)

(Equivalent to 2 GCSEs)

Course Content

This is a vocational ICT qualification which will help students develop specific and transferable skills such as research, planning, reviewing, working with others and communicating creative concepts. Pupils will learn a range of practical skills in web design and develop their existing graphic design skills also.

This qualification is 100% coursework based and gives students the opportunity to learn a range of theory based knowledge and practical skills. The course leads on to the A-Level ICT specification offered in the Academy and also prepares pupils for the world of work.

Who should consider choosing this subject?

You should choose this course if you enjoy:

- ✓ Key stage 3 ICT
- ✓ Learning advanced creative ICT skills like Photoshop and web design
- ✓ Prefer coursework instead of exams
- ✓ Organised and can meet deadlines
- ✓ Enjoy Art and have a creative flair
- ✓ Learning about ICT is used in the business world

For further information visit:

<https://www.ocr.org.uk/qualifications/cambridge-technicals/information-technology-2012/units/>

Assessment

Units learnt	Weighting	Assessment
Unit 1 – Communicating in the IT Industry	25%	Internal Coursework
Unit 2 – Working in the IT Industry	25%	Internal Coursework
Unit 9 - Website Development	25%	Internal Coursework
Unit 11 – Multimedia Design	25%	Internal Coursework



- | | | |
|--------------------|--------------------------------|---------------------------------|
| ✓ Graphic Designer | ✓ Multimedia Animator | ✓ Product Developer |
| ✓ Web Developer | ✓ IT Technician | ✓ Multimedia Developer |
| ✓ Illustrator | ✓ Design Engineer | ✓ Creative Director |
| ✓ Web Programmer | ✓ UI (User Interface) Designer | ✓ UX (User Experience) Designer |

Please turn over for Option 2 >>>

Topics Studied:

Practical software

- ✓ Photoshop
- ✓ Dreamweaver/WordPress
- ✓ PowerPoint
- ✓ Word
- ✓ Publisher



OPTION 2

ICT (Pearson BTEC - Level 2)

(Equivalent to 2 GCSEs)

Course Content

BTEC ICT provides students with the knowledge understanding and skills to aid progression to A-Level ICT and the workplace. This is a vocational course where learners develop knowledge and understanding by applying their learning and skills in a work-related context. They engage learners to take responsibility for their own learning and to develop skills that are essential for the modern-day workplace.

Skills include team-working, working from a brief, working to deadlines and producing various ICT based projects using a range of software packages.

Who should consider choosing this subject?

You should choose this course if you enjoy:

- ✓ Key stage 3 ICT
- ✓ Learning creative ICT skills like Photoshop
- ✓ Learning creative technical ICT skills like databases
- ✓ Enjoy learning theory topics and exams
- ✓ Being organised and can meet deadlines

For further information visit:

<https://qualifications.pearson.com/en/qualifications/btec-firsts/information-and-creative-technology-2012-nqf.html>

Assessment

Units learnt	Weighting	Assessment
Unit 1 – The Online World	12.5%	External exam
Unit 2 – Technology Systems	12.5%	External exam
Unit 3 – A Digital Portfolio	12.5%	Internal coursework
Unit 4 – Creating Digital Animation	12.5%	Internal coursework
Unit 6 – Creating Digital Graphics	12.5%	Internal coursework
Unit 9 – Spreadsheet Development	12.5%	Internal coursework
Unit 10 – Database Development	25%	Internal coursework

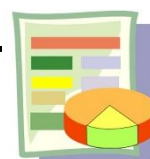
Topics Studied:

Practical

- ✓ Databases
- ✓ Spreadsheets
- ✓ Photoshop
- ✓ LiveMotion

Theory

- ✓ Online services
- ✓ Online documents
- ✓ Online communication
- ✓ The internet
- ✓ Worldwide web
- ✓ Email
- ✓ Data exchange
- ✓ Data storage
- ✓ Data threats
- ✓ Computer and technology systems
- ✓ Applications and issues of technology systems
- ✓ Computer hardware devices
- ✓ Computer networking
- ✓ Data transfer
- ✓ Internal components of a computer
- ✓ Analogue and digital data
- ✓ Software
- ✓ Introduction to computer programming concepts
- ✓ Operating systems and applications



- | | | |
|---------------------|-----------------------|------------------------|
| ✓ Software Engineer | ✓ Multimedia Animator | ✓ Multimedia Developer |
| ✓ Web Developer | ✓ ICT Technician | ✓ IT Technician |
| ✓ Web Editor | ✓ Data Analyst | ✓ Graphic Designer |
| ✓ Web Programmer | ✓ Database Developer | |

Media Studies

Media Studies involves looking at the Media and its impact on our lives. If you are computer literate, good at Art, interested in films, television, magazines and radio, then this subject could be for you.



The Course



The two-year course consists of one coursework piece, requiring detailed written analysis which takes place over twelve weeks; and two, one and a half hour written exams. You study the examined texts throughout the two-year course.

Content	Weighting	Assessment
Unit 1: Exploring the Media	40%	Written examination 1 Hour 30 mins
Unit 2: Understanding Media Forms and Products	30%	Written examination 1 Hour 30 mins
Unit 3: Creating Media	30%	Controlled Assessment

Topics for Study

- Image Analysis
- Moving Image
- Computer gaming
- Film
- Music Videos
- Advertising
- Situation Comedies
- Inside the BBC
- TV Crime Drama

For further information about this course, go to:

www.edugas.co.uk/qualifications/media-studies/gcse/



Advertising executive

Computer Games Designer

Director

Film Producer

Journalist

Magazine Editor

Music Promoter

Photographer

TV Presenter

Animation

Computer aided design

Event Management

Fashion

Film and Television

Graphic design

Illustration

Interior design



MUSIC

Music consists of three parts. These are:

Components	Requirements	Detail
Composing & Appraising <u>This part is worth 30%</u>	You have to compose 2 pieces lasting 4-6 minutes in total.	One composition must be written in response to a pre-released stimulus provided by CCEA. The other composition will be free choice.
Performing & Appraising <u>This part is worth 35%</u>	You have to perform by yourself and as part of a group. You may sing OR play. You must perform each for up to 6 minutes.	You can choose your pieces. There will be a short discussion with the examiner about your performance.
Listening & Appraising. <u>This is worth 35%</u>	One Written/Listening paper lasting 1 hour 30 minutes.	The questions will be based on what you have learned over the 2 years. You will hear both familiar and unfamiliar music.

Topics Studied:

LISTENING/

APPRAISING

Areas of Study:

1. **Western Classical Music 1650 – 1910;**
2. **Music for Film 1945 – present day;**
3. **Musical Traditions of Ireland**
4. **Popular Music 1980 – present day**



CAREER OPPORTUNITIES

STEM
Science Technology
Engineering Maths

CAREERS

19. DJ
20. Arranger
21. Composer
22. Musician
23. Teacher
24. Orchestral Manager
25. Music Librarian
26. Orchestral Manager
27. Booking Agent

11. Sound Engineer
12. Music Sequencer
13. Music Producer
14. Sound Technician
15. Music Publisher
16. Events Admin.
17. Booking Agent

1. Events Administration
2. Television Presenter
3. Radio Presenter
4. Stagehand
5. Roadie
6. Television Producer
7. Recording agent
8. Artist Manager
- 9.

Occupational Studies

Hair & Business



Occupational Studies allows learners to learn for work, through work and about work, and it provides the potential for this learning to take place in out-of-school contexts. This hands-on approach is ideal for those who prefer to develop their skills in a more practical, occupational environment.

YEAR 11	YEAR 12
<i>Units starting Sep 22</i>	<i>Units starting Sep 2</i>
Business & Services Pathway	Design & Creativity Pathway
Shampooing & Conditioning Treatments 25% Portfolio & Practical Tasks	Creative Styling using Blow Drying Techniques 25% Portfolio & Practical Tasks
Customer Services 25% Portfolio & Practical Tasks	Website Design 25% Portfolio & Practical Tasks

Topics Studied:

- ❖ Client consultation
- ❖ Preparation of treatment areas
- ❖ Health & Safety
- ❖ Shampooing
- ❖ Blow drying techniques
- ❖ Customer service
- ❖ Web Design

For more information visit: https://www.rewardinglearning.org.uk/microsites/occupational_studies/
How will I be assessed?

Occupational Studies assessments requires you

- to recall knowledge of the unit content
- apply your knowledge in work environment scenarios showing you understand how to carry out treatments
- analyse and evaluate your work saying what you can improve on

Who should pick it?

- Pupils with a career ambition to work within the hair and beauty industry
- Pupils who intend to apply for Hair and Beauty courses after year 12
- Pupils who display creative skills
- Pupils who enjoy working with others, talking to people and working as a team



Beauty therapist
Brow Specialist
Pedicurist
Spa manager
Counter assistant

Nail Technician
Holistic Therapist
Business Owner
Cruise ship therapist

Makeup artist
Spray tan artist
Massage Therapist

Lash Technician
Manicurist
Salon manager

Physical Education & Sport

The Physical Education and Sport option is aimed at those pupils who may be interested in a career within the sport industry and also towards those pupils who have a general interest in sport, nutrition and physical activity. The courses look at building different ways in which a person can lead a healthier, active lifestyle throughout their life. The course on offer is designed to be weighted more towards practical and coursework assessments and only 1 exam worth 25% of the overall grade.

What types of classes will you have in PE / Sport?

- Practical classes such as Badminton in the PE halls
- Practical classes in the fitness suite learning about training programmes
- Theory classes in the computer rooms to type up your coursework or practice for your online exam

<u>Courses on offer</u>	<u>Weighting</u>	<u>Assessment</u>
<u>BTEC Level 2 First Award in Sport</u>		
<u>Unit 1: Fitness for Sport and Exercise</u>	<u>25%</u>	<u>Onscreen test 1hr</u>
<u>Unit 2: : Practical Sports Performance</u>	<u>25%</u>	<u>Practical assessment & Written Portfolio</u>
<u>Unit 4: The Sports Performer in Action</u>	<u>25%</u>	<u>Practical assessment & Written Portfolio</u>
<u>Unit 5: : Training for Personal Fitness</u>	<u>25%</u>	<u>Practical assessment & Written Portfolio</u>

For more info on the course visit the website:

BTEC PE Course <https://qualifications.pearson.com/en/qualifications/btec-firsts/sport-2012-nqf.html>

Who should consider picking PE

- Pupils who have an excellent participation record in PE and Games
- Pupils who play on school sports teams and/or outside club teams
- Pupils who achieve 75% or more in KS3 tracking tests
- Pupils who have a desire to follow a career path in Sport



Sports Coaching
Dietician
PE Teacher
Leisure Attendant
Physical Activity Instructor

Sports Development Officer
Physiotherapist
Fitness Instructor
Sport Scientist

Professional Athlete
Physiologist
Personal Trainer
Events Manager

GCSE RELIGIOUS STUDIES

FULL and SHORT COURSE

Course Content

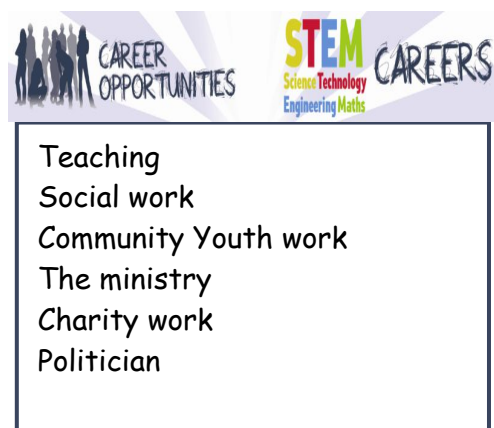
Our GCSE Religious Studies specification encourages students to develop an enquiring, critical and reflective approach to studying religion. Students explore and engage with important questions about belief and respond to them personally. This can enhance their spiritual, moral and cultural development, helping them to contribute to social cohesion.

There are nine externally assessed units to choose from, giving students the opportunity to explore different aspects of religion, traditionally we have studied The Gospel of Matthew or Mark and Christian Ethics. These cover a wide variety of topics, including the role of the church in contemporary society, developments in bioethics and arguments for the existence of God. Students also develop key transferable skills, such as considering different viewpoints and expressing their opinions to influence others.

The qualification is available as a Full Course and a Short Course. Full Course students complete two units and Short Course students complete one unit. For possible unit combinations, see the full specification at http://ccea.org.uk/religious_studies/

Course Breakdown

Content	Weighting	Assessment
<ul style="list-style-type: none">Unit 4: Christianity through a Study of the Gospel of Matthew/ Mark	50%	Written examination 1 Hour
<ul style="list-style-type: none">Unit 6: An Introduction to Christian Ethics	50%	Written examination 1 Hour



Who should consider choosing this subject?

- Pupils who enjoy key stage 3 Religious studies and would consider A level in the future.
- Pupils with an interest in studying controversial issues and debating and discussing.
- Pupils who enjoy writing extended pieces of work and essays.
- Pupils with an interest in different religious views and ideas

Gospel Topics Include;

The Identity of Jesus
The teachings of Jesus
The Death and resurrection of Jesus
Discipleship

Moral Topics Include;

Family Issues
Personal and
Matters of Life and death
Developments in Bioethics
Modern Warfare
Prejudice and discrimination



GCSE DOUBLE AWARD SCIENCE

Course Content

GCSE double award science is an exciting subject that is made up of **Biology, Chemistry and Physics**; a bit of each is studied in year 11 and again in year 12. **Practical work** is very important and there are 18 Prescribed Practical investigations which are carried out over the 2 years, which can be tested by practical exams in Year 12. We want to **empower** young people to join an innovative and dynamic economy through Science!

➤ For more info please see the CCEA website:

<https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-science-double-award-2017>

❖ Course Breakdown

Content	Weighting	Assessment
Year 11: Biology, Chemistry and Physics Unit 1	33%	3 GCSE module tests, November, February and May 1 hour each
Year 12: Biology, Chemistry and Physics Unit 2	42%	3 Written examinations in May/June 1 Hour 15 mins each
Year 12: Practical work over both years is tested. Booklet A is on hands-on practical exams and Booklet B is questions based on practical tasks carried out	25%	3 practical exams of 1 hour each in Year 12 and 3 written papers about practical tasks of 30 mins each after theory papers

Who should consider choosing this subject?

- Pupils who enjoy key stage 3 Science
- Pupils with an interest in achieving 2 GCSEs in Science
- Pupils who are interested in following a scientific or medical career path
- Pupils who enjoy practical and written science tasks
- Pupils who would consider further studies in science at A level
- Pupils who are motivated about learning more about how the world works



Engineering
Agriculture
Nursing
Midwifery
Physiotherapy
Occupational therapy
Food Science
Medicine
Most engineering/technology - based apprenticeships



Forensic Science
Pharmacy
Dentistry
Dietetics
Architecture
Veterinary Medicine
Electronics
Many military careers

Topics Studied:

- Cells and living processes
- Structures, Trends, Chemical Reactions
- Motion, Force, Energy, Radioactivity, Nuclear Fission and Fusion
- Body Systems,
- Genetics,
- Microorganisms and Health
- Waves, Light, Electricity, Magnetism, and Space
- Further Chemical Reactions,
- Rates, Calculations and Organic Chemistry



As a department we will be offering two areas of study, of which you will be able to study one over the 2 year period. The area we select for you will enable us to ensure we meet all of your strengths so you can achieve your potential by the end of Yr11 and Yr12. The 2 main subject areas are –

- **GCSE PRODUCT DESIGN** (Academic/Non Vocational route which leads to A level study)
- **LEVEL 2 OCCUPATIONAL STUDIES** (Vocational route which will develop your skills and knowledge preparing you for an apprenticeship, employment or further vocational study.)

GCSE PRODUCT DESIGN

Technology and Design is an ever changing subject and this year as you will have been informed in class we are moving to a much more **graphical** and **computer aided design** aspect in the subject.

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

Year 11 and 12 are focused on the design and manufacture of products and together we will look at how the world of design and manufacturing operates in the real world today.

This Product Design subject offers you a real opportunity to develop your creative side.

So if you are someone who likes to **design/make & think about** the products around us, this is the subject for you!

Technology and Design is **50% coursework**. This allows your teacher to guide your progress over the 2 year course and to assist you with areas you may find difficult.

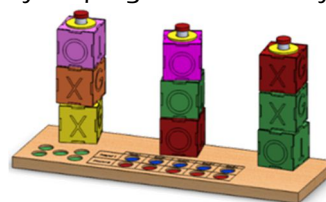
How is the course divided?

Year 11 – UNITS - Practical skill development
(Mini project / CAD / CAM)

- Exam content **ONLY** 25%

Year 12 – UNITS -

- Main project worth 50%.
- Exam part 2 **ONLY** 25%



Pupils will be asked to make a one off payment of £10 in September of yr11



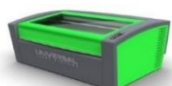
The department will be using the CAD machinery - **Laser cutter, Micro Router and 3d Printer** as a major part of our design and manufacturing throughout your main practical project.

Most of this course is practical through DESIGN and MANUFACTURING– 50%

When we go to make our Design Project you will have the **FREEDOM** to choose your **own** theme and design, you will get the chance to use all the tools and machinery within the department.



Take your first step with us at GCSE then perhaps we will see you at A-level



- Jewellery Designer
- Wood Carver
- Construction Technician
- Shop Fitter
- CAD technician

- Product Designer
- Design Assistant
- Quality control
- Quantity surveyor
- Fashion Designer

- Technology and Design Teacher
- Craft Designer
- Primary Teacher
- Interior Designer
- Special Effects Designer
- Graphic Designer
- Set Designer
- Costume Designer

TECHNOLOGY

Vocational route



LEVEL 2 Occupational Studies

This is a VOCATIONAL AREA which provides lots of practical experience in school and has proven very popular with the current Year 11 and Year 12. This is a **Level 2 qualification** which is equivalent to **2 GCSE**.

We have developed this subject this year so **ALL 4 units will be delivered within the Technology department**

Throughout Year 11 and Year 12 you will complete 4 units each which will be examined separately, (worth 1 point which will help when returning to school).

Visit the website for more info:

https://www.rewardinglearning.org.uk/microsites/occupational_studies/revised/specification/index.asp

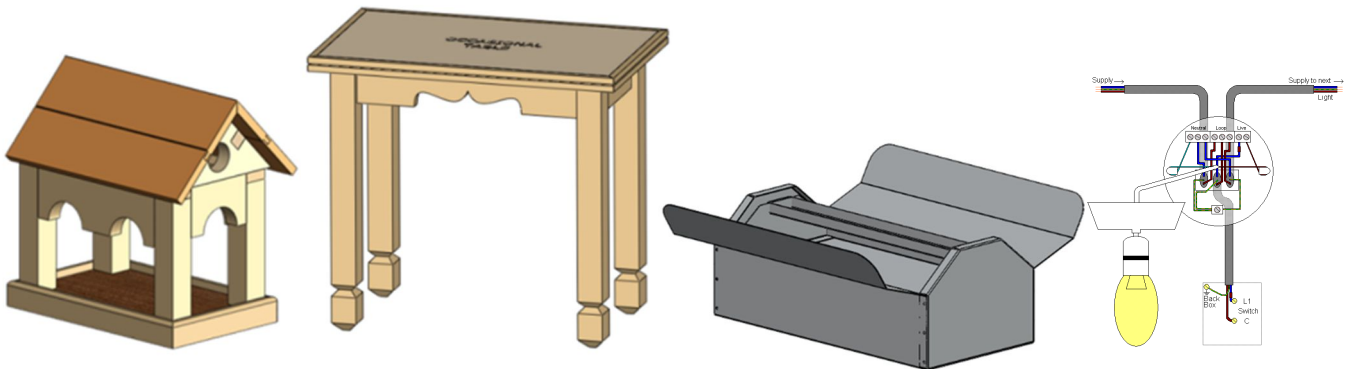
The subject currently offers a range of 4 Units:

The course consists of 4 units ranging:

Construction 2 units = Bench joinery + Carpentry and Joinery

Pupils will be asked to make a one off payment of £10 in September of Yr11

Engineering and Services 2 units = Sheet Metal work + Electrical installation



Joinery/Engineering – will open lots of avenues within STEM areas and the world of manufacturing

Architectural technician
Quality control inspector
Surveyor
Workshop joiner
College Tutor
Kitchen manufacturing
Workshop joinery



Kitchen manufacturing
Workshop joinery
NIE
NI WATER
NI WATER
BT Apprenticeship
Wrightbus
Business owner
Bombardier

Plumber
Joiner
Builder
Scaffolding erector
Business owner
Bombardier
Ventilation technician
Welder
Tiler



BTEC TRAVEL AND TOURISM



EQUIVALENT TO 2 GCSE's

The BTEC in Travel and Tourism Level 2 course has been designed to inspire you to consider a career in the travel and tourism sector and to develop knowledge, understanding and skills in this area. The course opens up employment opportunities within a wide range of roles across the travel and tourism sector such as in travel

agencies, visitor attractions and accommodation as well as providing an opportunity for further study at GCE level.

HOW WILL YOU BE ASSESSED?

Content	Weighting	Assessment
<u>Year 11:</u>	<u>50%</u>	
<u>Unit 1</u>		<u>Written Exam</u>
<u>Unit 2</u>		<u>Written Portfolio</u>
<u>Unit 4</u>		<u>Written Portfolio</u>
<u>Unit 5</u>		<u>Written Portfolio</u>
<u>Year 12:</u>	<u>50%</u>	
<u>Unit 6</u>		<u>Written Portfolio</u>
<u>Unit 7</u>		<u>Written Exam</u>
<u>Unit 8</u>		<u>Written Portfolio</u>
<u>Unit 10</u>		<u>Written Portfolio</u>

Topics Studied:

- The UK Travel and Tourism Sector
- UK Travel and Tourism Destinations
- International Travel and Tourism Destinations
- Travel and Tourism Business Environments
- Factors Affecting Worldwide Travel and Tourism
- The Travel and Tourism Customer Experience
- Organising a Travel and Tourism Study Visit



Holiday Rep

Tourism Officer

Event Manager

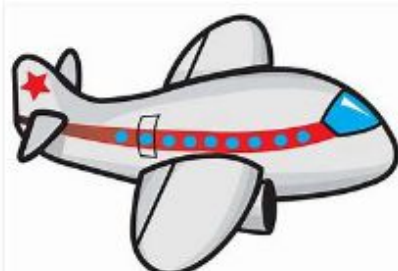
Marketing Executive

Tour manager

Travel Agent

Hotel Manager

Cabin Crew



Thinking ahead.....

After GCSE you will have 3 possible career paths to follow. Consider these carefully and ensure you pick subjects that are going to allow you to follow the path that suits you! If you are not sure what that is then pick subjects that will keep all your options open.

Study A Levels

Most schools use a points system to determine if a pupil can be considered for a place in sixth form. The Academy require pupils to have achieved a minimum of 6 GCSE points to include a minimum of 2 at A*-C grades (or equivalent) at GCSE.

The GCSE Points score will be determined as follows: -

(1) GCSE:

Grade A* = 4 points, Grade A = 3 points, Grade B = 2 points, Grade C* = 1.5 points, Grade C = 1 point

Number grades GCSE's using 9-1 scoring as follows

Number grades GCSE of 9/8 = 4 points, 7 = 3 points, 6 = 2 points, 5 = 1.5 points, 4 = 1 point

(2) Level 2 BTEC Subjects

Distinction = 3 points, Merit = 2 points, Pass = 1 point

(3) Prince's Trust pass will count as equivalent to 1 GCSE B Grade

The Principal will determine the points awarded for other non-GCSE Level 2 qualifications based on the Ofqual / NIEFQAN register.

Studying at a further education college eg NRC

Level 2 BTEC Diploma = 4 GCSEs at Grade D-G or above, or equivalent

Level 3 BTEC Diploma = 4 GCSEs at Grade C or above, or equivalent

Gaining employment

Most employers will ask for GCSE Maths and English as a minimum requirement for any job. On top of this they will ask for experience and skills that are required for the job. Vocational qualifications are a good way of gaining these skills whilst studying in Year 11 and 12.

*Please note that these grades and qualifications are based on 2018 /2019 entry requirements and are subject to change on an annual basis.

