



**YEAR 9**

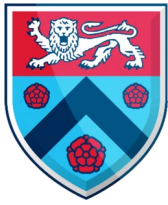
**OPTIONS**

**BOOKLET**

**2022**



**Carnforth**  
High School



# OPTIONS 2022

# INTRODUCTION



## Introduction

The options process provides an opportunity for Year 9 pupils to prepare for and plan the next stage of their educational journey. An important part of this process are the career planning activities in which all pupils participate in leading up to Options Evening. It is crucial that all pupils have the information they need to make an informed choice about the subjects they would like to study during Key Stage 4.

This booklet contains information about each of the qualifications we offer at KS4 (Years 10 & 11). You will also have the opportunity to attend subject presentations and ask any questions you may have at the **Pupils & Parents Options Evening on Tuesday 1st March.**

## How the Options Process Works

All pupils follow a similar pathway at KS4, consisting of core subjects and option subjects.

## Core Subjects

These are the subjects that **ALL** pupils continue to study. They are compulsory.

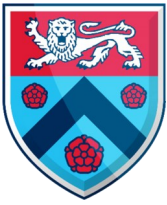
- GCSE English Language
- GCSE English Literature
- GCSE Maths
- GCSE Science (2 GCSEs)
- Core PE (no qualification)
- Life (no qualification)

## Option Subjects

Pupils will state a first choice and second choice preference for **FOUR** additional subjects, one subject from each option block.

N.B. One choice **MUST** be from either Geography, History or Spanish

The vast majority of pupils will be able to study their first choice preference. However, where this isn't possible, pupils will follow their second choice subject.



# OPTIONS 2022

## INTRODUCTION



### BTEC Qualifications

BTECs are vocational courses that are geared towards specific employment sectors. They are graded on a Pass, Merit & Distinction basis. 60% of the final grade is based on school-assessed coursework.

### Advice on Selecting Option Subjects

- Choose subjects that you enjoy. **Do not** pick subjects because you like the teacher or because your friend has chosen it.
- Choose subjects that are linked to your future education career plans. If you have not yet decided on a future career, choose a wide range of academic subjects to keep all your options open.
- Choose subjects that give you the best chance of success, the ones you show an aptitude for and are interested in.

### Aiming High

The English Baccalaureate (EBacc) is the recommended academic pathway to prepare students for University and beyond. It is made up of:

- **English Language & Literature** (Core subject)
- **Mathematics** (core subject)
- **Science or Triple Science** (core subject or option subject)
- **A Humanities subject**—History or Geography (Option subject)
- **A Language** – French or Spanish (Option Subject)

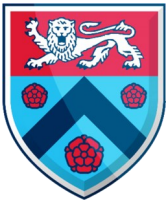
We encourage as many of our pupils as possible to follow the English Baccalaureate (EBacc) list of subjects to make sure they can compete for 6th Form and university places with pupils from other schools.

**We strongly recommend that pupils in Sets 1, 2 & 3 select the EBacc pathway subjects.**

### Non-Examination Assessments (NEA) & Tiers of Entry

Some subjects include **NEA** as part of the course. This may be practical work or written coursework completed during Year 10 & 11.

Some GCSE subjects have two **tiers of entry**—**Foundation Level** (Grades 1-5) and **Higher Level** (Grades 4-9). Subject teachers will decide on the tier of entry for individual pupils based on their best possible chance of success, usually towards the end of Year 11.



# OPTION BLOCKS 2022

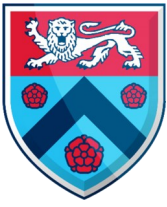


The option blocks for 2022 are shown below. You must select a preference for **ONE** subject from **EACH** block. You will also need to select a second-choice preference from each block.

Block A	Block B	Block C	Block D
Geography	Spanish	Geography	History
Spanish	GCSE PE	Enterprise	Food
History	Health & Social Care	GCSE PE	Art
Triple Science	Art	DT	Computer Science
	RE	Music	Drama
			Media

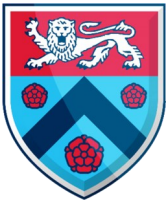
- If you pick **Triple Science** from Block A, you **must** also pick a humanities subject (Geography or History) or a language (Spanish) . We **recommend** that you pick a humanities subject **AND** a language.
- At Carnforth High School, we support the right of all pupils to pursue individual interests and talents in their option subjects in consultation with staff.

In order to make the timetable work, **ALL** subjects in the same block are taught at the same time. This is why only **ONE** subject can be chosen from each block.



# CORE SUBJECT INFORMATION

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# ENGLISH



## Course Content

The study of **English Language** will ensure that students can read fluently and write effectively. Students will be able to demonstrate a confident control of Standard English and write grammatically correct sentences, using figurative language and analysing texts.

The Study of **English Literature** involves the study of a range of inspirational texts. These range from modern plays to 19th Century classics. Students will develop their ability to analyse these texts and the contexts in which they were produced.

# GCSE x2

## Qualification:

### Eduqas

## Assessment

### English Language

20th Century Literature Reading and Creative Prose Writing: **1 hour 45 mins - 40%**

19th and 21st Century Non-Fiction Reading and Transactional/Persuasive Writing: **2 hours - 60%**

### English Language

- Shakespeare and Poetry: **2 hours - 40%**
- Post 1914 Text, 19th Century Prose and Unseen Poetry: **2 hours 30 mins - 60%**

### Spoken Language

One presentation/speech, including responses to questions and feedback

- **Marked internally**

## Progression Routes Post 16

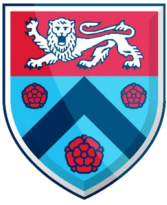
Pupils can study English Language and Literature at A level where they will build upon their explorations of linguistic terminology and of exciting and challenging literature.

## Department Contact Details

Subject Leader of English: Ms Porte

Email: [hporte@carnforthhigh.co.uk](mailto:hporte@carnforthhigh.co.uk)

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# MATHS



## Course Content

1. Number
2. Algebra
3. Ratio, proportion and rates of change
4. Geometry and measures
5. Probability
6. Statistics

**GCSE**

**Qualification:  
Edexcel**

## Assessment Overview

All pupils follow the Edexcel GCSE in Mathematics with 2 levels of entry:

**Higher Level** – grades 4 to 9

**Foundation Level** – grades 1 to 5

There are 3 papers for each tier of entry, each equally weighted, which will be taken at the end of the Year 11:

Paper 1- Non-calculator paper

Paper 2 – Calculator paper

Paper 3 – Calculator paper

## Post-16 Progressions Routes

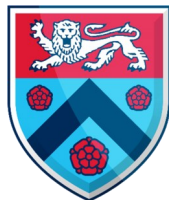
Careers needing Mathematics include those offered in the Manufacturing industry, Engineers, Craftsmen, Technicians, Clerical work, the Retail Trade, Agriculture, the Construction Industry, Hotels and Catering, work with computers and Nursing. Mathematics is also important for those pupils wishing to continue into further and higher education.

## Department Contact Details

Subject Leader of maths: Miss Charlesworth

Email: [mcharlesworth@carforthhigh.co.uk](mailto:mcharlesworth@carforthhigh.co.uk)

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# TRILOGY SCIENCE



## Course Content

As part of the Trilogy combined science course students will study a range of Biology, Chemistry and Physics topics.

The specification is based on a series of topics related to the living world and relevant to students. It is designed to help them understand how Science can be used to explain the world in which they live and the impact humans have. Students will understand how Science is used to solve problems ranging from infectious diseases to global warming. This is a two GCSE qualification.

# GCSE

## Qualification:

# AQA

## Assessment Overview

Assessment will comprise of 6 final exams in Year 11. Each exam is 1 hour 15 minutes and is worth 16.7% of the GCSE. The exams will contain multiple choice, structured, closed short answer and open response questions. There is no coursework or controlled assessment component. Instead students carry out practical work throughout the course to develop their skills and understanding; this is then assessed within the examinations at the end of the course.

### Biology (2 exam Papers)

**Cells and organisation, infection and response, bioenergetics, homeostasis, inheritance, variation and evolution and ecology.**

### Chemistry (2 exam papers)

**Atomic structure and the periodic table, bonding, chemical and energy changes, rates of reaction, organic chemistry, chemical analysis, the atmosphere and using resources.**

### Physics (2 exam papers)

**Energy, waves, particle model, electricity, forces, atomic structure and nuclear physics, magnetism and space.**

## Post-16 Progressions Routes

Students can go on to study Biology, Chemistry or Physics A level subject to the entry requirements of individual sixth forms.

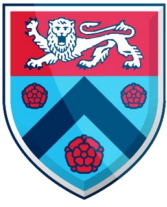
## Department Contact Details

Subject Leader of Science: Mrs Stelmach

Email: [rstelmach@carnforthhigh.co.uk](mailto:rstelmach@carnforthhigh.co.uk)

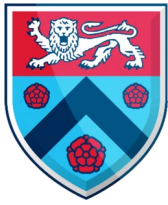
# CONFIDENCE PURPOSE RESPECT





# OPTION SUBJECT INFORMATION

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# ART



## Course Content

Groups concentrate on developing skills in Fine Art, drawing/painting, graphic design, textiles, printing, three dimensional design (ceramics, sculpture) and photography.

Two themes:

**Close ups**

**Artist Study**



# GCSE

**Qualification:**

**AQA**

## Assessment Overview

The first project involves working in many different disciplines in the form of workshops – photography, printing, ceramics, painting etc. building up artistic skills and techniques whilst working with a variety of media. This will be supported by the study of the work of other artists and work from other times and cultures. In Year 11, students can specialise in a particular area of strength.

Students will develop creative and imaginative powers and the practical skills for communicating and expressing ideas, feelings and meanings in art, craft and design.

### Assessment

Portfolio based on the two above themes – 60%

Externally set task with limited preparation and a 10 hour exam (carried out between January and May of Year 11) – 40%

The assessment objectives are made known to all GCSE candidates.

[This subject requires a minimum of 2 hours homework a week throughout the course.](#)



## Post-16 Progressions Routes

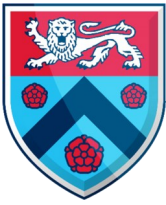
Art and design - Fine Art can be studied as an A level or pupils may prefer to do an art course at one of the local colleges including graphics, printing, new media etc. Pupils may pursue a future career in the creative industries, such as graphic design, architecture, illustration, product design, or photography

## Department Contact Details

Subject Leader of Art Mrs Richards

Email: [erichards@carnforthhigh.co.uk](mailto:erichards@carnforthhigh.co.uk)

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# COMPUTER SCIENCE



## Course Content

Computer Science is focused on creating new applications for computers. This means that computer scientists must have a deep understanding of computers, algorithms, programming languages and the relevant theory.

**GCSE**

**Qualification:**

**AQA**

## Assessment Overview

### **Component 1:** Computational Thinking and Problem Solving

This is a 2 hour exam which is worth 50% of the overall grade. The exam is made up of a mix of multiple choice, short and longer answer questions which will assess programming, practical problem solving and computational thinking skills. Topics included are computational thinking, code tracing, problem-solving, designing and writing code. This component is taught through a mix of pseudocode and practical programming. The exam is purely theoretical and there is currently no screen based assessment for this exam.

### **Component 2:** Computing Concepts

This is a one hour and 45 minute exam which is worth 50% of the overall grade. The exam is made up of a range of short and extended answer questions. It will assess your knowledge of Data Representation, Computer Systems, Computer Networks, Cyber Security, SQL and Relational Databases and Ethical and Legal impact of Digital Technology.

## Post-16 Progressions Routes

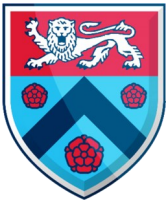
Computer Science bridges the gap between Maths and Science so taking the subject will help prepare students for further education in these subjects. Computer Science courses are becoming incredibly popular at university level and taking the course at GCSE will help prepare students considering this as an option. Computer Science is a growing sector of the career market and a GCSE in the subject is a great stepping stone into the industry.

## Department Contact Details

Subject Leader of computer science: Mr Bullock

Email: [obullock@carnforthhigh.co.uk](mailto:obullock@carnforthhigh.co.uk)

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# DRAMA



## Course Content

This is largely a practical course which involves students working together in the areas of:

- Scripted Performance
- Technical/ Design options such as lighting and costume
- Devising Small Group Performances

**GCSE**

**Qualification:**

**AQA**

## Assessment Overview

Component	Method of assessment	% of final award
<b>1: Understanding Drama</b>	<b>Examination:</b> Students will study a set play and analyse and evaluate a live theatre production of a second play.	40%
<b>2: Devising</b>	Students will devise their own piece of drama based on a range of stimulus. They will then produce an analysis and evaluation of their own work.	40%
<b>3: Text in Practice</b>	Students will perform 2 extracts from a set play (differing from those for component 1). An external examiner will come in to assess this.	20%

## Post-16 Progressions Routes

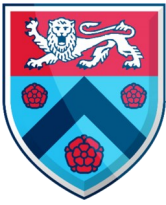
Higher Level BTEC and A level courses can be taken in Performance Arts and Theatre Studies. This, in turn, can lead to degree courses and vocational performance courses.

## Department Contact Details

Subject Leader of Drama: Miss Barton

Email: [abarton@carnforthhigh.co.uk](mailto:abarton@carnforthhigh.co.uk)

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# DESIGN TECHNOLOGY



## Course Content

GCSE DT aims to develop students creative designing and practical manufacturing skills and prepare them to participate confidently in an increasingly technological world.

It will develop innovative design thinking through drawing and modelling and give students a strong practical understanding of a wide range of materials and their impact on the environment.

**GCSE**

**Qualification:**

**AQA**

## Assessment Overview

The course has a strong emphasis on modern materials, manufacturing technologies and sustainable design. Students will develop their CAD drawing skills and use the laser cutter to manufacture components for their designs.

This GCSE is a good course for students with an interest in understanding how things are made, who enjoy drawing and making and who might go onto careers in engineering, construction, design or manufacturing.

Students should be willing to design and draw.

## Assessment

- 50% Written Exam (1 hour 30 mins)
- 50% NEA Design & Make Task (30-35 hours)

## Post-16 Progressions Routes

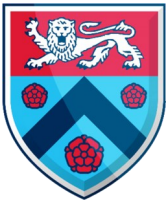
This GCSE provides a valuable qualification for students interested in further study at A level or apprenticeships and careers in design or manufacturing industries, engineering, mechanics and architecture or in more traditional building and craft trades such as joinery and furniture making.

## Department Contact Details

Subject Leader of Technology: Mr Major

Email: [gmajor@carnforthhigh.co.uk](mailto:gmajor@carnforthhigh.co.uk)

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# FOOD PREPARATION & NUTRITION



## Course Content

The Food Preparation and Nutrition GCSE is an exciting and creative course which focusses on practical cooking skills to ensure students develop a thorough understanding of nutrition, food provenance and the working characteristics of food materials. The course centres around five core topics; food nutrition & health; food science; food safety; food choice and food provenance.

**GCSE**

**Qualification:**

**AQA**

## Assessment Overview

Students need to be prepared work with a wide range of food ingredients and to be organised and well planned in bringing in their own ingredients for the regular practical cooking sessions.

In year 11 students complete two controlled NEA projects (non-exam assessments) which together make up 50% of the GCSE marks.

1. NEA 1—a food investigation into an aspect of the functional and chemical properties of food.
2. NEA 2— a larger, assessment that requires students to prepare, cook and present a menu of three dishes within a practical 3 hour exam period.
3. Written Exam—the remaining 50% of the marks is from the 2 hour summer exam.

The GCSE is graded 9-1.

## Post-16 Progressions Routes

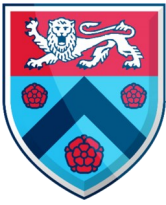
Students taking this course often progress to further education (A Level/ Level 3 Vocational courses) or apprenticeships in the food or catering sector.

## Department Contact Details

Subject Leader of Technology: Mr Major

Email: [gmajor@carnforthhigh.co.uk](mailto:gmajor@carnforthhigh.co.uk)

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# GEOGRAPHY



## Course Content

**Unit 1: Physical Geography:** Natural Hazards , Physical Landscapes in the UK, The Living World

**Unit 2: Human Geography:** Urban Issues, The Changing Economic World, The Challenge of Resource Management

**Unit 3: Fieldwork:** River field trip, human geography field trip.

**GCSE**

**Qualification:**

**AQA**

## Assessment Overview

Geography is a challenging, yet rewarding GCSE option. It enables you to develop an understanding of the world around you and question your place and role in that world. Students develop the ability to analyse, evaluate and question global events and processes. The course is relevant to every day lives and often what we are studying in lessons is on the news and in the media, making it a very versatile and current option subject.

**Students will complete three examinations.**

1. Physical Geography Paper—35%
2. Human Geography papers—35%
3. Fieldwork and skills paper—30%

There is no coursework but students must attend the two fieldwork days that enable them to complete paper 3 (fieldwork and skills). The fieldwork is compulsory and there will be a minimal cost for the two days.

## Post-16 Progressions Routes

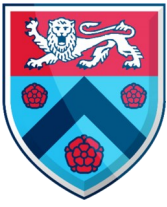
Geographers can choose to study A-Level to advance their geographical knowledge and skills. As a subject it bridges the gap between English and the Sciences, helping prepare students for further education in these subjects. Geography also develops skills transferable to other humanities subjects and environmental science. It is also an excellent GCSE for numerous career paths including the armed forces, conservation work, engineering, working for agencies such as the council and community services such as the police. The list of employment opportunities that Geography will support is endless.

## Department Contact Details

Subject Leader of Geography: Miss Leck

Email: [lleck@carnforthhigh.co.uk](mailto:lleck@carnforthhigh.co.uk)

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# HISTORY



## Course Content

**Paper 1** Crime and punishment in Britain, c1000–present **and** Whitechapel, c1870–c1900: crime, policing and the inner city.

**Paper 2** Anglo-Saxon and Norman England, c1060–88 **and** Superpower relations and the Cold War, 1941–91

**Paper 3** The USA, 1954–75: conflict at home (Civil Rights) and abroad (Vietnam).

**GCSE**

**Qualification:**

**Edexcel**

## Assessment Overview

You need to have a strong interest in and passion for history. You must have, or be willing to develop excellent, independent research and analytical skills and the ability to read and write about history in a clear and structured manner.

The History course will be divided into 3 exam papers taken at the end of Year 11 where you will demonstrate your understanding based on 4 assessment objectives:

**AO1:** Knowledge and understanding of the periods studied

**AO2:** Analyse historical events (cause, consequence, significance, change, continuity)

**AO3:** Analyse, evaluate and use sources

**AO4:** Analyse, evaluate and make judgements about interpretations.

## Post-16 Progressions Routes

History gives students excellent communication skills, verbal and non verbal, reasoning skills with a wide range of applications, research skills which will aid future higher level BTEC and degree courses in a variety of subjects, not just history, and an open and enquiring mind that equips students for the challenges of life.

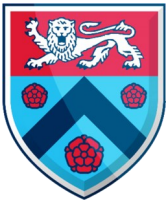
## Department Contact Details

Subject Leader of history: Mr Potter

Email: [gpotter@carnforthhigh.co.uk](mailto:gpotter@carnforthhigh.co.uk)

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# MEDIA



## Course Content

The GCSE Media Studies course encompasses:

- An appreciation and critical understanding of the role of the media in daily life
- Practical and theoretical knowledge and skills through opportunities for personal engagement and creativity
- The use key media concepts to analyse media products and their various contexts.
- A range of media, including: video games, TV, radio, online media, magazines and film.

# GCSE

## Qualification:

### Eduqas

## Assessment Overview

Unit	Method of assessment	%
Component 1	<p><b>Section A: Exploring Media Language and Representation.</b> This section assesses media language and representation in relation to two of the following print media forms: magazines, marketing (film posters), newspapers, or print advertisements.</p> <p><b>Section B: Exploring Media Industries and Audiences</b> This section assesses two of the following media forms: film, newspapers, radio, video games.</p>	40%
Component 2	<p><b>Section A: Television.</b> One question on either media language or representation, which will be based on an extract from one of the set television programme episodes to be viewed in the examination. One question on media industries, audiences or media contexts.</p> <p><b>Section B: Music (music videos and online media).</b> One question on either media language or representation (reference to relevant contexts may be required). One question on media industries, audiences or media contexts.</p>	30%
Component 3	<b>Non- Examination: creating a media product.</b> This is a practical assessment that will allow students to develop a wide range of skills including photography and the use of editing software such as Photoshop.	30%

## Post-16 Progressions Routes

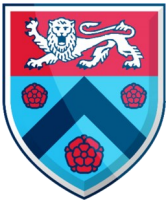
Pupils may go on to study A level or BTEC media courses, giving them a variety of future career directions and transferable skills . Examples of media careers are journalist, presenter, designer, copywriter, researcher & producer.

## Department Contact Details

Subject Leader of Media: Miss Barton

Email: [abarton@carforthhigh.co.uk](mailto:abarton@carforthhigh.co.uk)

# CONFIDENCE PURPOSE RESPECT



# GCSE PHYSICAL EDUCATION



## Course Content

### Pupils will:

- Develop their knowledge and practical skills in a range of physical activities
- Examine the effects of exercise and how training can improve performance
- Find ways to improve their own performance in a variety of roles
- Identify ways to develop and maintain a healthy and active lifestyle through participation in physical activity
- Appreciate the benefits of promoting 'sport for all'

**GCSE**

**Qualification:  
Edexcel**

## Assessment Overview

As part of this course, students will have exciting opportunities to be involved in a number of different physical activities. They will look at promoting an active healthy lifestyle and perform in one or all of the following roles: player/participant, leader or official.

40% is practical. They will be observed in 3 different areas (30%) and pupils will have to do coursework in one of their chosen sports for the other 10%. This will be done continuously throughout the three years in both GCSE and core PE classes.

60% is theory and will be split into two examinations:

The first covers fitness and body systems which includes applied anatomy and physiology, movement analysis, physical training and data. The exam is 1 hour 45 minutes and is worth 36% of the overall marks.

The second covers health and performance which includes health, fitness and well being, sports psychology, socio-cultural influences and use of data. The exam is 1 hour and 15 minutes and is worth 24% of the overall marks.

## Post-16 Progressions Routes

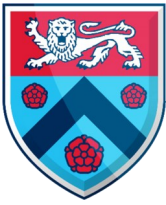
GCSE Physical Education pupils or pupils with an interest in a career in sport, can choose to study an A-Level in PE or Edexcel Level 3 BTEC in Sport at the Bay Learning Trust associate schools. The courses look into a range of areas which can lay the foundations for choosing many different pathways within the sporting world and prepares students for further education. Career pathways that this can lead onto include coaching, teaching, physiotherapy and management.

## Department Contact Details

Subject Leader of Physical Education: Mr Chambers

Email: [cchambers@carnforthhigh.co.uk](mailto:cchambers@carnforthhigh.co.uk)

**CONFIDENCE PURPOSE RESPECT**



# RELIGIOUS STUDIES



## Course Content

The GCSE RE course is focused on the beliefs, teachings and practices of the two largest and most influential religions in the world: Christianity and Islam.

- Relationships (including marriage, families, sexuality and the roles of men and women)
- Life and Death (including abortion, euthanasia and life after death)
- Good and Evil (including morality, crime and punishment, prisons and the death penalty)
- Human Rights (including the work of the UN, censorship, freedom of expression, extremism)

# GCSE

## Qualification:

### Eduqas

## Assessment Overview

The subject does require students to develop the ability to use a wide variety of religious language (including some Arabic) and to be able to write extended essays evaluating religious and non-religious views about the world. As a result, a good ability level in written English is recommended.

In the classroom and on the course all viewpoints are valued. Being religious or not religious is not required for the course and is not a barrier to doing well. The key idea is to explore how religious thought has developed through history and affects our world and lives today

Assessment is in the form of three examinations that take place at the end of year 11. One exam is worth 50% and the other two are worth 25% each.

## Post-16 Progressions Routes

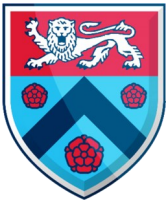
Religious Studies also develops transferable skills as it is mainly based around studying theories that have developed throughout history, critically assessing their ideas and presenting a case for believing or not believing what the theory suggests. There is clear crossover with A-Level courses such as sociology, psychology, law and criminology.

## Department Contact Details

Subject Leader of Religious Education: Mr McGauran

Email: [emcgauran@carnforthhigh.co.uk](mailto:emcgauran@carnforthhigh.co.uk)

**CONFIDENCE PURPOSE RESPECT**



# SPANISH



## Course Content

The course develops the skills of speaking, reading, listening and writing the language. It builds on the skills and vocabulary already studied in years 7 and 8.

The course will have contexts linked to themes relating to:

- Identity and culture
- Local, national, international and global areas of interest
- Current and future study and employment

# GCSE

## Qualification:

# AQA

## Assessment Overview

Students can be entered for either Foundation or Higher Tier.

All four language skills are assessed:

- Listening (25%) Final Examination June Year 11
- Reading (25%) Final Examination June Year 11
- Writing (25%) Final Examination June Year 11
- Speaking (25%) Test to be recorded during Summer Term of Year 11

Although the full language content will be taught in class, a large amount of time is required at home to learn vocabulary and sample passages to be adapted to suit different situations.

## Post-16 Progressions Routes

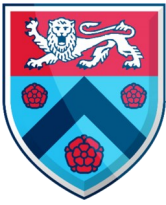
Foreign languages can be studied further at college or at other federation schools. It is a challenging GCSE which is recognised by a range of employers and further education establishments. It demonstrates academic ability which benefits students when applying for university.

## Department Contact Details

Subject Leader of Modern Foreign Languages: Mr Garbutt

Email: [sgarbutt@carnforthhigh.co.uk](mailto:sgarbutt@carnforthhigh.co.uk)

**CONFIDENCE PURPOSE RESPECT**



# TRIPLE SCIENCE



## Course Content—GCSE Biology

GCSE Biology gives students the chance to gain a good understanding of human biology, organisms, evolution and the environment.

The specification integrates the principles of 'How Science Works' throughout the units. The course helps put Biology in the context of students' everyday lives. Topics include:

**Cells and organisation, Infection and response, Bioenergetics, Homeostasis, Inheritance, variation and Evolution and Ecology.**

**GCSE x3**

**Qualification:**

**AQA**

## Course Content—GCSE Chemistry

GCSE Chemistry gives our students the opportunity to gain a good understanding of:

**Atomic structure and the periodic table, bonding, chemical and energy changes, rates of reaction, organic chemistry, chemical analysis, the atmosphere and using resources.**

The specification is designed to help students understand how to formulate a scientific approach to appreciating and explaining the world, as well as solving problems.

## Course Content—GCSE Physics

Pupils gain knowledge that relate to their everyday life such as the efficiency of electrical appliances and braking distances of vehicles as well as global concepts such as nuclear fission and fusion and evidence of the 'Big Bang' theory.

GCSE Physics gives students the chance to gain a good understanding of:

**Energy, Waves, Particle model, Electricity, Forces, Atomic structure and Nuclear physics, Magnetism and Space.**

## **Assessment Overview**

Assessment will compose of 2 final exams in each subject in Year 11 (6 in total), each 1hour 45 minutes and worth 50% towards each GCSE. The exams will contain multiple choice, structured, closed short answer and open response questions. There is no coursework or controlled assessment component . Instead students carry out practical work throughout the course to develop their skills and understanding; this is then assessed within the examinations at the

## **Post-16 Progressions Routes**

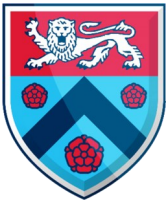
Students can go on to study A Level Biology, Chemistry and Physics subject to the entry requirements of individual sixth forms.

## **Department Contact Details**

Subject Leader of Science: Mrs Stelmach

Email: [rstelmach@carnforthhigh.co.uk](mailto:rstelmach@carnforthhigh.co.uk)

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# ENTERPRISE



## Course Content

**Component 1: Exploring Enterprises** - Explore how enterprises use market research to find out about their customer needs and competitor behaviour and the factors affecting enterprises.

**Component 2: Planning and Presenting a Micro-Enterprise Idea** - This module allows students to select an idea for a micro-enterprise activity to plan with a budget.

**Component 3: Marketing and Finance for Enterprise** - Explore financial documents and how to use them to monitor and improve the performance of an enterprise and strategise for success.

# BTEC

**Qualification:**

**Edexcel**

**Level 2 Tech Award**

## Assessment Overview

1. **Component 1:** Exam board set assignment completed under timed conditions. Marked internally and externally verified by Edexcel (30%)
2. **Component 2:** Exam board set assignment completed under timed conditions. Marked internally and externally verified by Edexcel (30%)
3. **Component 3:** External 2 hour written examination (40%)

## Post-16 Progressions Routes

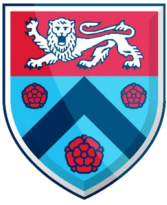
As a continuation of Enterprise at Level 2, students can choose to complete the Level 3 BTEC Business qualification or other Post 16 Business qualifications in their further studies. Due to the demands of life today, studying Business can be relevant to every individual, as supporting links can be made to each academic subject. Studying Business will also help students develop transferable skills by giving them the knowledge to become an informed consumer, as well as preparing them for the world of work and everyday life.

## Department Contact Details

Subject Leader of Business Studies: Mrs Rowland

Email: [rowland@carnforthhigh.co.uk](mailto:rowland@carnforthhigh.co.uk)

**CONFIDENCE PURPOSE RESPECT**



# HEALTH & SOCIAL CARE



## Course Content

**Component 1:** Pupils learn about human growth and development and the factors that can affect it. They also explore life events and the support and adaptations needed to cope with the change that they cause.

**Component 2:** Pupils learn about H&SC conditions, the services that are available to manage them and the barriers that may prevent people from accessing them. They will also explore the care values integral to the work of H&SC professionals.

**Component 3:** Pupils learn about the factors that can affect health and wellbeing, future health risks and how to minimise them through planning.

**BTEC**

**Qualification:**

**Edexcel**

**Level 2 Tech Award**

## Assessment Overview

- Component 1:** Exam board set assignment completed under timed conditions. Marked internally and externally verified by Edexcel (30%)
- Component 2:** Exam board set assignment completed under timed conditions. Marked internally and externally verified by Edexcel (30%)
- Component 3:** External 2 hour written examination (40%)

## Post-16 Progressions Routes

This course provides access to further study at Level 3 in Health and Social Care. It will also enable you to progress to a higher-level qualification relevant to the sector, and prepares students to take up employment or apprenticeships in a range of health and social care roles.

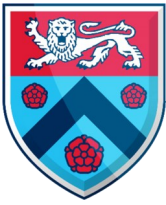
About 3 million people work in health and social care. Health care roles include doctors, pharmacists, nurses, midwives and healthcare assistants, while social care roles include care assistants, occupational therapists, counsellors and administrators. Together, they account for nearly one in ten of all paid jobs in the UK. Demand for both health and social care is likely to rise, as is the demand for specialist workers in this sector.

## Department Contact Details

Subject Leader of Health & Social Care: Ms Newson

Email: [anewson@carnforthhigh.co.uk](mailto:anewson@carnforthhigh.co.uk)

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# MUSIC



## Course Content

### Component 1: Exploring Music Products and Styles

Explore musical styles and techniques, and gain an understanding of roles in the industry.

### Component 2: Music Skills Development

Develop musical knowledge, skills, and techniques and apply them to a music product.

### Component 3: Responding to a Commercial Music Brief

Put skills into practice by responding to a brief as a composer, performer or producer.

# BTEC

**Qualification:**

**Edexcel**

**Level 2 Tech Award**

## Assessment Overview

Component	Title	Assessment	Weighting
1	Exploring Music Products and Styles	Internally assessed coursework	30%
2	Music Skills Development	Internally assessed coursework	30%
3	Responding to a Commercial Music Brief	Externally assessed written exam	40%

## Post-16 Progressions Routes

The BTEC Tech Award in Music provides the knowledge, understanding and skills for you to progress to Level 3 vocational qualifications in Music or related academic qualifications.

## Department Contact Details

Subject Leader of Music: Mr Ward

Email: [mward@carnforthhigh.co.uk](mailto:mward@carnforthhigh.co.uk)

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