



THE BAY
LEARNING TRUST

YEAR 9 OPTIONS

2024



Carnforth
High School



OPTIONS 2024

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 **Pupil & Parent Options Evening** on **Tuesday 5th 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 Mathematics
- GCSE Trilogy Science (2 GCSEs)
- Core PE (no qualification)
- Life Skills (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 either Geography or History.

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.

CONFIDENCE

PURPOSE

RESPECT



OPTIONS 2024



Vocational Qualifications

BTECs, VCerts and Cambridge Nationals are vocational courses that are geared towards specific employment sectors. They are graded on a Pass, Merit & Distinction basis. Up to 60% of the final grade is based on exam board set 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** – Spanish (Option Subject)

We ensure that subjects are arranged in option blocks to allow pupils to select subjects that fulfil the EBacc.

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 2024

The option blocks for 2024 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	Art	Business	Computing
History	Geography	Design Technology	Drama
Triple Science	Media	Hair	Food Technology
	GCSE PE	Geography	Health & Social Care
	Religious Education	GCSE PE	History
	Spanish		Music

- If you pick **Triple Science** from Block A, you **must** pick a humanities subject (Geography or History) or a language (Spanish) in one of the other blocks.
- 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

CONFIDENCE PURPOSE RESPECT



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 Literature

- 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

CONFIDENCE

PURPOSE

RESPECT



MATHS



Course Content

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

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 requiring Mathematics can include those offered in the Manufacturing, Engineering, and, Technical industries. Also those careers in Finance, Accountancy and Clerical work, the Retail Trade, Agriculture, the Construction Industry, Hotels and Catering, working with IT and Healthcare. Mathematics is also important for those pupils wishing to continue into further and higher education.

Department Contact Details

Subject Leader of maths: Mr McCormick

Email: smccormick@carnforthhigh.co.uk

CONFIDENCE PURPOSE RESPECT



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

CONFIDENCE

PURPOSE

RESPECT



GCSE OPTION SUBJECT INFORMATION

CONFIDENCE

PURPOSE

RESPECT



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

2 Words



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 designers and work from other times and cultures. In Year 11, students have more flexibility to direct the project using their chosen theme.

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 April 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

CONFIDENCE

PURPOSE

RESPECT



BUSINESS



Course Content

Paper 1—Business activity, marketing and people

Students are introduced to business concepts and issues concerning the activities of a business. They also look at the role of marketing and human resources.

Paper 2—Operations, finance and influences on business

Students take a closer look at the role of operations and finance in business activity. Finance covers its role, its sources, costs, profit and loss, cash and cash flow. They also explore how business responds to external influences, such as ethical and environmental considerations, the economic climate and globalisation.

GCSE

Qualification:

OCR

Assessment Overview

GCSE Business requires a wide range of vocabulary and a heavy focus on written work. In lesson time, booklets are used to deliver the curriculum, and throughout the 40 topics of study across 2 years, all include extended written answers to complete.

Paper 1—1 hour and 30 minute paper (end of Y11) - 50% of the final GCSE

Paper 2—1 hour and 30 minute paper (end of Y11) - 50% of the final GCSE

Post-16 Progressions Routes

GCSE Business will be a popular qualification at CHS. As well as providing an excellent understanding for future work in the world of business and enterprise, it can be an excellent qualification to support a pathway onto a Level 3 BTEC Business qualification, A Level or T Level Post 16 Business qualifications in their further. 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.

Department Contact Details

Subject Leader of Business Studies: Mrs Rowland

Email: lrowland@carnforthhigh.co.uk

CONFIDENCE

PURPOSE

RESPECT



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. Computer Science is about problem solving and working out the logical steps which are needed to solve the problem. It requires patience and a high level of independent work.

GCSE

Qualification:
OCR

Assessment Overview

Component 1 - Computer Systems: Unit 1 focuses on how computers work. We will look into the architecture on the computer and how hardware communicates with each other. We also look at computers as a whole and how they communicate as a large network. The ethical and environmental implications of computer are very important and we cover this in the unit 1 exam. This unit is purely theoretical and there are no programming elements for this paper. The paper is 1hr 30 mins and is worth 50% of the GCSE.

Component 2 - Computational thinking, algorithms and programming: This unit has a much greater focus on practical computer science skills as we delve into programming. This paper will ask students to use Python and pseudocode to write algorithms for given scenarios. Students will be taught how to program using Python. As well as programming, students will look at how computers use different algorithms to search and sort through data. Students will also be given a basic understanding of databases and will write SQL statements to interact with a database. The paper is 1hr 30 mins and is worth 50% of the GCSE.

Students will undertake a programming project. They will be given a brief and will be expected to create a program from this.

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 Martin

Email: imartin@carnforthhigh.co.uk

CONFIDENCE PURPOSE RESPECT



DRAMA



Course Content

GCSE Drama is exciting, interesting, and varied. There is a balance of practical and written components spanning a variety of key areas of drama. Students have opportunities to devise their own work, use drama techniques to explore themes, issues, and ideas, interpret the work of playwrights and theatre practitioners and realise text. Practically they develop their physical and vocal skills in performing to an audience and explore how meaning is communicated to an audience through choices of form, style, and convention. Through written work we focus on developing evaluative skills; analysing writer's choices and crafting together clearly communicated points on performance and technical based features.

GCSE

Qualification:
AQA

Assessment Overview:

The students will engage with a variety of assessment components in order to explore a broad approach to drama.

Year 10: Coursework: Devising (40%)

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.

Year 11: Performance: Text in Practice (20%)

Students will perform 2 extracts from a set play (differing from those for component 1). An external examiner will come in to assess this.

Year 11: Understanding Drama (Written exam) (40%)

Students will study a set play and analyse and evaluate a live theatre production of a second play.

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

CONFIDENCE

PURPOSE

RESPECT



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

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CONFIDENCE PURPOSE RESPECT



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

CONFIDENCE PURPOSE RESPECT



GEOGRAPHY



Course Content

Unit 1: Physical Geography: Natural Hazards , Physical Landscapes in the UK, including rivers and glaciers, The Living World

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

Unit 3: Fieldwork: River field trip, human geography field trip and issue evaluation.

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: Mr Greenwood

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CONFIDENCE PURPOSE RESPECT



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

The history GCSE is a challenging and demanding one. You therefore 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, detailed 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. History graduates have strong analytical and communication skills which can be put to good use in careers in business, finance, HR and law.

Department Contact Details

Subject Leader of history: Mr Potter

Email: gpotter@carnforthhigh.co.uk

CONFIDENCE

PURPOSE

RESPECT



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 of 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	Section A: Exploring Media Language and Representation. 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. Section B: Exploring Media Industries and Audiences This section assesses two of the following media forms: film, newspapers, radio, video games.	40%
Component 2	Section A: Television. 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. Section B: Music (music videos and online media). One question on either media language or representation (reference to relevant contexts may be required). One question on media industries, audiences or media contexts.	30%
Component 3	Non- Examination: creating a media product. 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@carnforthhigh.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

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. Additionally, we study themes:

- 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 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 overall, 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 ('Themes') is worth 50% and the other two (Christianity and Islam) 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

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

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 assessed during the final examinations.

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

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CONFIDENCE

PURPOSE

RESPECT



VOCATIONAL OPTION SUBJECT INFORMATION

CONFIDENCE PURPOSE RESPECT



CREATIVE IMEDIA



Course Content

Creative iMedia encourages students to understand and apply the fundamental principles and concepts of digital media, including factors that influence product design, use of media conventions, pre-production planning techniques, legal issues and creation/publishing/distribution considerations. Students develop practical skills that can be applied to real-life contexts and work situations while creating products that are fit for purpose, meeting both client and target audience requirements.

CamNat

Qualification:
OCR

Assessment Overview

Unit	Method of assessment	%
Component 1— Creative iMedia in the media industry	This unit is assessed by an exam . The exam is 1 hour and 30 minutes. It has two sections – Section A and Section B. The exam has 70 marks in total. Topics include; The media industry, Factors affecting product design, pre-production planning and distribution considerations.	40%
Component 2— Visual identity and digital graphics	This unit is assessed as a practical piece of work (NEA). Students will be expected to; Develop visual identity, Plan digital graphics for products, Create visual identity and digital graphics.	30%
Component 3— Interactive digital media	This unit is assessed as a practical piece of work (NEA). Students will be expected to; Plan interactive digital media, Create interactive digital media and Review interactive digital media.	30%

Post-16 Progressions Routes

Creative iMedia helps to prepare pupils for further study in the media industry. This could include A Level Media Studies or may be other vocational qualifications including Level 3 in Digital Media and/or Information Technology; the T Level Qualification in Digital Production Design and Development or Media, Broadcast and Production; or the Media and Broadcast Assistant Pathway Apprenticeship.

Department Contact Details

Subject Leader of Computing: Mr I Martin

Email: imartin@carforthhigh.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 improve health & wellbeing.

BTEC

Qualification:

Edexcel

Level 2 Tech Award

Assessment Overview

1. **Component 1: Human Lifespan Development.** Exam board set assignment completed under timed conditions. Marked internally and externally verified by Edexcel (30%)
2. **Component 2: The Care Values.** Exam board set assignment completed under timed conditions. Marked internally and externally verified by Edexcel (30%)
3. **Component 3: Health 7 Wellbeing.** 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

CONFIDENCE PURPOSE RESPECT



HAIRDRESSING



Course Content

This qualification is designed to use the context of hairdressing and beauty therapy as a vehicle to support learners to develop broad and comprehensive understanding of the sector and related industries. It is a vocational equivalent to GCSE grades 9-1.

This qualification consists of three mandatory units.

UC090– Businesses and entrepreneurship in the hair and beauty sector

UC091– Anatomy, physiology and cosmetic science

UC092– Design in the hair and beauty sector.

VTCT

Qualification:

**Level 1/2 Technical
Award in the Study
of Hair and Beauty**

Assessment Overview

This qualification comprises an assessment by examination and non– exam assessment.

1. Assessment by examination (external written exam) this exam contributes toward 40% of overall grade.

The assessment by examination will assess the learners knowledge and understanding of the topics from units UC090 and UC091.

2. Non exam assessment (synoptic assignment) this assignment contributes towards 60% of overall grade.

The synoptic assignment brief will assess the learner's knowledge and understanding from within the three mandatory units and will be undertaken independently by learners in controlled assessment conditions.

Post-16 Progressions Routes

Those who successfully achieve this qualification may progress onto a range of post 16 qualifications such as; T levels, A levels, Apprenticeship Standards (Hair and Beauty Professional) or other vocationally– related qualifications.

This qualification may also be useful to those seeking to progress to qualifications in the following industries: Spa therapy, fashion and photography, retail– cosmetic and fashion, theatre and media, travel and tourism, sport and active leisure, complementary and alternative therapies.

Department Contact Details

Subject Leader of Hairdressing: Mrs Rowland

Email: lrowland@carnforthhigh.co.uk

CONFIDENCE

PURPOSE

RESPECT



MUSIC PRACTICE



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

CONFIDENCE PURPOSE RESPECT

