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GCSE Combined Science:Synergy

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"Governors and leaders share an ambitious vision for the school. This is reflected in the wide-ranging curriculum that they have constructed." - OFSTED

# KS4 Curriculum

At Co-op Academy Bebington, our KS4 curriculum begins in year 10. The vast majority of students will study Maths, English Language, English Literature, Science (Double Award) or Triple Science, Core PE and either Geography or History.

Students will then follow either an Ebacc or Non Ebacc Pathway.



## **KS4 Curriculum - What** Will You Study?

#### What is Ebacc?

The current English Baccalaureate is not a qualification itself but a particular group of GCSE subjects that keep young people's options open for further study and future careers. They are often looked upon favourably by some universities.

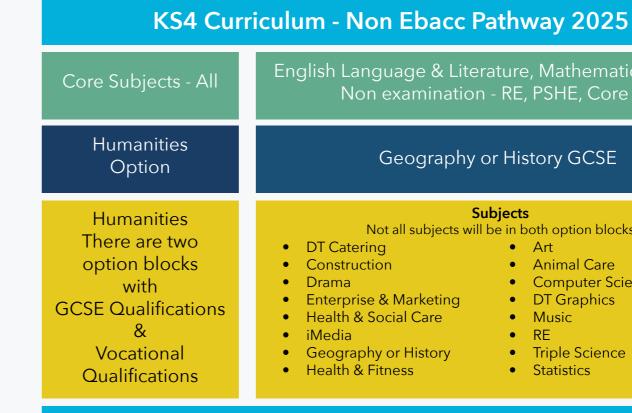
The Ebacc subjects are:

- English
- Maths
- Sciences (including computer science)
- History or Geography
- A Modern Foreign Language (Spanish)

The Department for Education's target is for 90% of students to be studying the Ebacc by 2025. Approximately 90 students at Co-op Academy Bebington will follow a Modern Foreign language (Ebacc) pathway.

KS4 Curriculum - Ebacc Pathway 2025	
Core Subjects - All	English Language & Literature, Mathematics, Science Non examination - RE, PSHE, Core PE
Spanish - Ebacc Students	Spanish GCSE
Humanities Option	Geography or History GCSE
Humanities There are two option blocks with GCSE Qualifications & Vocational Qualifications	SubjectsNot all subjects will be in both option blocksDT CateringArtConstructionAnimal CareDramaComputer ScienceEnterprise & MarketingDT GraphicsHealth & Social CareMusiciMediaREGeography or HistoryTriple ScienceHealth & FitnessStatistics

All students will take the core subjects and Spanish. They will also choose either history or geography from the humanities block and two GCSE's or vocational qualifications from the option blocks.



All students will take the core subjects. They will the humanities block and three GCSE's or voc

\* Subject to change

Subject to change

#### **Making Your Decision**

- Speak to your subject teacher to identify if you have the ability and skills to successfully complete the course.
- Is it relevant to your future career goals?
- Do you enjoy the subject and feel happy about studying it for the next 2 years?
- Speak to your parents/carers.
- Speak to students in the above years who have studied the subject.

There are lots of reasons to take a subject but here are some examples of the wrong reasons:

- My friends are doing the same subject.
- My sister or brother liked the course when they did it.
- You get to go on a trip.
- It looks easy.
- I like the teacher.
- I just picked it because I couldn't think of anything else.

It is important that you choose a range of subjects which match your interest and abilities. Many students will not yet have decided on a specific career and therefore should select options that provide a range of choices for the future. Consider the amount of assignment work and examination preparation each subject requires and how the work is completed.

English Language & Literature, Mathematics, Science Non examination - RE, PSHE, Core PE

#### Geography or History GCSE

	ıbjects
Il subjects will	be in both option blocks
	Art
	Animal Care
	Computer Science
<b>Narketing</b>	DT Graphics
al Care	Music
	• RE
· History	Triple Science
SS	Statistics
also choose	e either history or geography from



#### Key Dates

#### January



Week Beginning 3rd February - Student Options Meeting with Senior Teacher

June 2025 - Letter sent home regarding final options

September - October 2025 - Settling in

Your son / daughter will be supported in making the right choices. Option blocks are illustrated on pages 3 and 4 for your reference, please discuss with your child and make appropriate parents evening appointments.

An electronic form will be sent home on Thursday 23rd January to be completed after parents evening.

Parental meetings will take place in school on Tuesday 21st January to allow you to discuss your son / daughter's progress and suitability for studying option subjects into Year 10 and 11.

Parents should make appointments with teachers of English, Maths, Geography, History and Science. These appointments fill quickly and sometimes there are not enough slots for all parents to meet with the teacher. If you cannot make an appointment due to slots being filled the teacher can arrange a phone appointment with you at a mutually convenient time.

If your son / daughter is an Ebacc student or wishes to choose Spanish as an option, then an appointment should be made with his / her Spanish teacher.

For other subjects, parents should make appointments with any that their son / daughter may be interested in studying in Year 10 and 11.

For subjects that are new and only taught at KS4, teachers will be available (if they do not teach another subject) to give further information about the subject.

The Senior Leadership Team and Senior Teachers will have a face to face option choice meeting with individual students to discuss choices and to ensure that these are the most appropriate ones selected. It is during this meeting that the final option choices with reserves will be completed. Any changes to the parent / student choices will be communicated with parents. Parents are invited to attend this meeting if they wish to do so, please indicate on the options form or call the school office to book your appointment time.

Any parent who cannot access the form via Parentmail should notify the school office email: <a href="mailto:schooloffice.bebington@coopacademies.co.uk">schooloffice.bebington@coopacademies.co.uk</a>

#### When Will I Know?

Once all students have had a meeting and classes have been organised, students will be issued a letter indicating the options they have been allocated (this will be after Whit half- term). Year 10 will start their new timetables in September 2025.

There will be a period of settling in to ensure the right choices have been made.

#### Qualification - GCSE

#### Exam Board - AQA

#### What Will I Learn?

During the course, you will learn how to analyse a range of fiction and non-fiction texts; how to deploy written and spoken language effectively. Your analytical, interpretative and communicative skills will develop throughout the course. Those skills are highly transferable and will support your learning in other subjects.

Areas of study include:

Explorations in Creative Writing and Reading Section A: Reading - one literature fiction text Section B: Writing - descriptive or narrative writing Writers' Viewpoints and Perspectives Section A: Reading - one non-fiction text and one literary non-fiction text Section B: Writing - writing to present a viewpoint

#### Spoken Language - 0%

The speaking and listening skills are endorsed separately and have a 0% weighting of GCSE. The teacher sets the tasks and students will be assessed for three skills: presenting, responding to questions and feedback, use of Standard English. There is one tier. Grades 9 - 1.

#### How Will I Be Assessed?

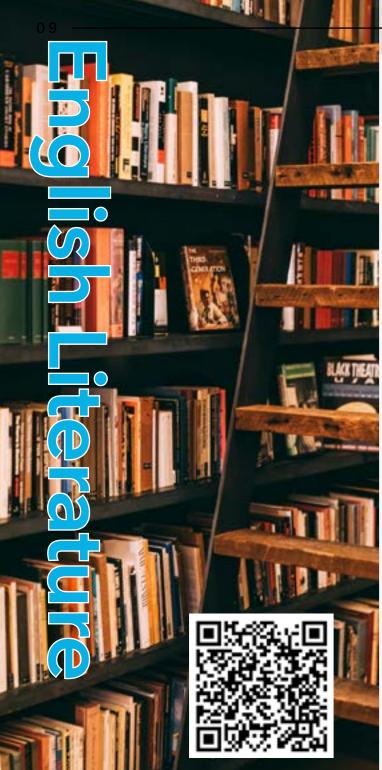
There are 2 exam papers that make up 100% of the final grade. All texts in the examination will be unseen.

#### **Opportunities for Further Study and Career Pathways**

Gaining a qualification in English Language is an important factor, whether you are going on to further education or are making a career choice, as it indicates a good level of communication skills in reading, writing and speaking and listening. It will allow you to pursue a career in media, journalism, law, medicine, engineering and art.

# Core Subjects





#### How Will I Be Assessed?

There are 2 exam papers that make up 100% of the final grade.

#### **Opportunities for Further Study and Career Pathways**

Gaining a qualification in English Literature is an important factor, whether you are going on to further education or are making a career choice, as it indicates a good level of analytical and evaluative skills. It will allow you to pursue a career in media, journalism, law, medicine, engineering and art.

#### Qualification - GCSE

Exam Board - AQA

#### What Will I Learn?

Over the course, you will be required to study how language, form and structure contribute to a text's meaning. In addition, you will also explore how social, cultural and historical contexts relate to a text. You will develop your analytical skills by applying them to a range of stimulating texts. You will develop your essay writing skills which are fundamental to a successful higher education. Paper 1

Shakespeare and the 19th century novel (1 hour 45 minutes; 64 marks; 40%)

Section A: Shakespeare (1 question - write in detail about an extract + write about Macbeth as a whole)

Section B: the 19th century novel (1 question write in detail about an extract + write about A Christmas Carol as a whole)

#### Paper 2

Modern texts and poetry (2 hours 15 minutes; 96 marks; 60%)

Section A: Modern texts (1 question from a choice of two on An Inspector Calls or Blood Brothers) Section B: Poetry (1 question - compare one named poem with another poem from the Conflict and Power anthology that you have studied) Section C: Unseen poetry (1 question - analyse one unseen poem and then compare it to another unseen poem)

There is one tier. Grades 9 - 1.

#### Qualification - GCSE

#### Exam Board - EDEXCEL

#### What Will I Learn?

Mathematics is a compulsory subject and one of the most useful! It can help you to question and explain the world around you and develop skills, both practical and academic. It can also broaden your range of options for the future – with many subjects and careers requiring some form of Mathematics.

Mathematics is so important that the government has said that all students should continue to study Mathematics until they achieve the expected standard in order to improve future chances. No matter what you do at the end of year 11, even getting a job or an apprenticeship, you will have to continue to study mathematics if you have not achieved a grade 4. If you are thinking of studying Mathematics at A level, you will require a minimum grade 7.

All students will cover work in the four main areas of GCSE Mathematics: Number, Algebra, Geometry and Data Handling

#### How Will I Be Assessed?

The assessment takes the form of 3 equally weighted examination papers, each is one hour and 30 minutes, completed at the end of Year 11. Assessment will be either sat at Foundation Tier (grades 1-5) or Higher Tier (grades 4-9). Paper 1: Non-calculator Paper 2: Calculator allowed Paper 3: Calculator allowed

#### **Opportunities for Further Study and Career Pathways**

Gaining a qualification in English Literature is an important factor, whether you are going on to further education or are making a career choice, as it indicates a good level of analytical and evaluative skills. It will allow you to pursue a career in media, journalism, law, medicine, engineering and art.



Qualification - GCSE

Exam Board - AQA

#### What Will I Learn?

Studying science will broaden your understanding of the world around you, may allow you to influence and develop accepted scientific knowledge, and will give you the skills needed to approach most matters in a reasoned and analytical manner. Every lesson presents a new challenge and a chance to learn something that you have never encountered before.

The content is divided into two main sections which contain connections between areas of Biology, Physics and Chemistry that sit together. Life and environmental sciences (4.1-4.4) and Physical sciences (4.5-4.8)

Both sections include topics that draw together and apply key concepts. In addition, the course is supported by 16 practical experiments to help bring its content to life.

#### How Will I Be Assessed?

Each section is tested by 2 examinations (4 in total) of 105 minutes, each contributing 25% of the total marks. All exams are at the end of the course.

#### **Opportunities for Further Study and Career Pathways**

This course will make you a more scientifically literate person and the skills you acquire will be useful in a broad range of occupations. The most obvious career routes are Medicine, Veterinary Science and Teaching.

\* Given the academic demand of Triple Science, students wanting to study this option should be able to secure at least a GCSE grade 6 in all 3 sciences and be able to access the higher tier content. In addition, given the Mathematical demand students should also be looking to sit the higher tier content at GCSE in Maths and have the ability to secure at least a 6 in that subject also. Students will be advised by Mr Marsh / Mr Pritchard if they are suitable for this option

# Option Subjects



#### Qualification - BTEC Level 1/2 Tech Award

Exam Board - Pearson EDEXCEL

#### What Will I Learn?

Animal Care offers students the opportunity to gain practical experience in looking after a range of animals, including our own Shetland pony, goats, guinea pigs, chickens and reptiles. Animal Care is a vocational course providing students with an opportunity to develop a range of practical and personal skills, including the ability to work independently or as part of a team, working to brief and working in challenging environments.

Learners will study a total of three components.

- 1. Animal Handling
- 2. Animal Housing & Accommodation
- 3. Animal Health & Welfare

#### How Will I Be Assessed?

Due to the practical nature of the subject, students will be required to demonstrate their understanding in a variety of ways including written reports and video recordings completing practical activities

#### **Opportunities for Further Study and Career Pathways**

The Animal Care course is well suited to those students that are seeking a future in pet sectors, agricultural, veterinary and farming. We provide excellent links for students in accessing work experience and meeting experts in the industry.

If you want to work with animals in the future, this course will give you a good grounding for working in kennels, catteries, wildlife establishments and for animal welfare organisations. Alternatively, you can move onto the Level 3 Animal Management qualification which can lead you into careers within many areas of animal care including the agricultural industry and veterinary work. This is a fast-growing industry with careers in embryo transplantation and genetic testing in cattle being just a few of the careers in demand.

#### Qualification - GCSE

#### Exam Board - EDUQAS

#### What Will I Learn?

The GCSE Art and Design course offers plenty of opportunity to develop a range of practical and personal skills relevant to you as a person and valuable in many work situations. Employers are looking for creative people, someone who can problem solve and be willing to experiment with a range of ideas. The Art GCSE course also builds on your ability to work independently and be self -motivated.

Here in the Art department, we devise new projects every year to suit the needs and interests of each new class. So that your new teacher knows what you are interested in, we ask you to select an area you would like to specialise in. Here are some ideas for what each one may involve.

- Design Crafts
- 3D Design
- Fine Art
- Graphic Design
- Interactive Multimedia
- Fashion/Textiles

#### How Will I Be Assessed?

The course is divided into two units. Unit 1: Personal Portfolio in Art and Design The portfolio is a single project worth 60% of your marks.

Unit 2: Externally set assignment in Art and Design.

#### **Opportunities for Further Study and Career Pathways**

You can use your GCSE in art to go on to study Art at A Level and then to Degree level. You can study a range of Art related courses such as Fashion, Architecture, Graphics, Illustration, Game Designer, Sculpture etc. Design careers include: Interiors, Product, Computer, Fashion or Jewelery design. Other careers are: Hairdressing, make-up artist, beauty therapy, teaching, advertising and photography.





#### Qualification - GCSE

Exam Board - EDUQAS

#### What Will I Learn?

Do you love fashion and working in fabric but don't know how to make a living from doing so? Then this could be the course for you. The course will teach you how to design for retail. You will learn how to produce designs for surface pattern, repeat pattern, machine and hand embroidery, toy making and 3D objects.

#### How Will I Be Assessed?

The course is divided into two units.

Unit 1: Personal Portfolio in Textiles The portfolio is a single project worth 60% of your marks.

Unit 2: Externally set assignment in Textiles. The set task is a controlled assignment worth 40% of the final mark. The exam board provides an exam paper with several themes. You select a theme that interests you and develop ideas for a final piece. The final piece is produced under exam conditions and has a time limit of ten hours.

#### **Opportunities for Further Study and Career Pathways**

You can use your GCSE in art to go on to study Art at A Level and then to Degree level. You can study a range of Art related courses such as Fashion, Architecture, Graphics, Illustration, Game Designer, Sculpture etc. Design careers include: Interiors, Product, Computer, Fashion or Jewelery design. Other careers are: Hairdressing, make-up artist, beauty therapy, teaching, advertising and photography.

#### Qualification - GCSE

#### Exam Board - OCR

#### What Will I Learn?

You will learn the core principles of computer science and develop skills in problem solving and computational thinking, building on the skills you have learned in Key Stage 3 in computer studies. Following on from more visual programming environments such as Scratch and Kodu, programming skills are further developed using high-level text based programming languages.

#### How Will I Be Assessed?

There are 2 exam papers that you will take at the end of year 11. Each exam is worth 50% each and this will make up your final grade. There is one tier: Grades 9 - 1.

Areas of Study Include:

Paper 1

- Systems Architecture
- Memory
- Wired and wireless networks
- Network topologies,
- System security
- System software
- Ethical, legal, cultural

Paper 2

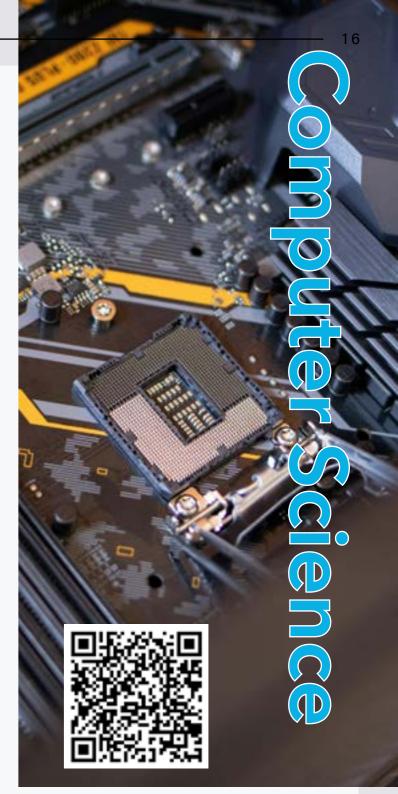
- Algorithms
- Programming techniques
- Producing robust programs
- Computational logic
- Data representation

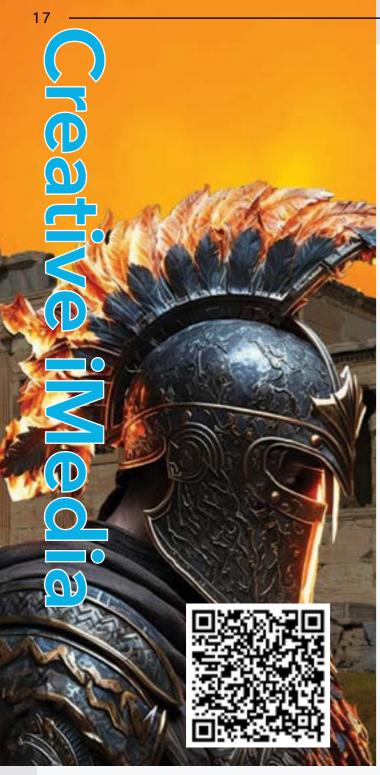
#### **Opportunities for Further Study and Career Pathways**

Gaining a qualification in Computer Science is an important advantage in today's world, whether you are going on to further education or making a career choice. It provides an excellent understanding of the 'underpinning' technical concepts which are useful in many subjects, including technology, science and engineering.

It will allow you to pursue a career in cyber-security, games design and creation, robotics, app development and to contribute to the development of future technologies. It will ensure that you are well prepared to access the rapidly increasing number of Computing careers of the future.

\*Only students who are in set 1 or 2 for Maths should consider doing this course.





#### **Qualification -** Cambridge Nationals

Exam Board - OCR

#### What Will I Learn?

The Level 1/Level 2 Cambridge National in Creative iMedia is aimed at students aged 14-16 years and will develop knowledge, understanding and practical skills that would be used in the media industry.

You may be interested in this if you want an engaging qualification where you will use your learning in practical, real-life situations, such as:

- Developing visual identities for clients
- Planning and creating original digital graphics
- Planning, creating and reviewing original digital media products.

This will help you to develop independence and confidence in using skills that would be relevant to the media industry. The qualification will also help you to develop learning and skills that can be used in other life and work situations.

This qualification will complement other learning that you are completing for GCSEs or vocational qualifications at Key Stage 4 and help to prepare you for further study.

#### How Will I Be Assessed?

There is 1 exam paper worth 40%, and two coursework projects, one worth 25% and one worth 35% of the final marks for your grade.

#### **Opportunities for Further Study and Career Pathways**

Creative iMedia is media-sector focused, including film, web development, gaming and animation. It provides a wide range of skills in digital media which are highly sought after in media-based industries.

As a future worker, the ability to design systems used in the workplace, develop project management and manage teams are all important, marketable skills. Creative iMedia delivers skills across a whole range of learning styles and abilities, engaging and inspiring all students to achieve great things.

This qualification is useful to students intending to follow Level 3 courses in media and IT. Examples include Cambridge Technical IT or Media courses, Media Studies and the Apprenticeship Framework.

#### Qualification - GCSE

#### Exam Board - AQA

#### What Will I Learn?

Dance helps you to develop life skills and attributes needed for decision making, creative thinking and the ability to co-operate with others. Through GCSE Dance you will be able to understand and appreciate a range of dance styles and develop the knowledge, skills and understanding needed to perform, choreograph and appreciate dance.

Practical lessons cover a variety of dance styles such as Contemporary, Street Dance and Jazz in order to build the necessary techniques to both perform and choreograph work. Theory lessons cover the writing skills needed to analyse and evaluate your own work and those of professional choreographers.

During the course you will have the opportunity to take part in performances both within and outside the school. Workshops will be offered by professional dance artists and you will also have the chance to develop your technique by attending after school dance clubs and master classes.

#### How Will I Be Assessed?

There are 2 components to the course:

Component 1 – Performance & Choreography 60% Component 2 – Dance Appreciation 40 %

#### **Opportunities for Further Study and Career Pathways**

There are many further courses of study to take for dance students including BTEC and A Level Dance and Performing Arts (level 3), followed by college and university courses (levels 4 and 5). There are many career paths that could be taken which involve dance such as performing, teaching, dance critic and also dance therapy work.





#### Qualification - L1/2 Vocational Award

Exam Board - WJEC

#### What Will I Learn?

Do you enjoy food? Would you like to find out what is in your food? Do you like the idea of designing and cooking new food products? Do you like problem solving? Tasting and testing your creations and ideas? Are you interested in a possible career in the Hospitality and Catering industry? If you have answered yes to any of these questions, then DT Food Hospitality and Catering is the subject for you.

Hospitality and Catering covers a wide range of topics including; Cooking, Special diets, Sports nutrition, Multi-cultural cuisine, Restaurant service, Hotel work, Celebration and Sustainability. During the course you will develop a whole range of creative designing and making skills, technical knowledge and understanding relating to food products, their preparation and service, the various places and ways they are served in and invaluable transferable skills such as research skills, problem solving and time management.

#### How Will I Be Assessed?

Coursework - 60% Completed as 2 separate assessments.

Examination 1hr 20 mins - 40% (either online or paper exam) based on the topics studied across the course.

#### **Opportunities for Further Study and Career Pathways**

After completion of this course, you can go on to study either professional level one and two qualifications at catering college (Industry standard Chef qualifications) or with a suitable number of GCSE passes in other courses as well level 3 qualifications at catering college in hospitality and catering management. This would also be your first step into any number of careers within the catering/hospitality industry such as a chef in a restaurant, hotel or café: a nutritionist designing specialist diets for anyone from sports stars to people in hospital, restaurant manager.

Anyone taking sports related qualifications would greatly benefit from learning about food and nutrition by studying a Level 1 / 2Vocational award in Hospitality and Catering.

#### Qualification - L1/2 Technical Award

#### Exam Board - NCFE

#### What Will I Learn?

We are surrounded every day of our lives by items designed by Graphic designers. These products include the logo on your coat, the colouring and designs of the food packaging you bought from the shop this morning, the cover of the game you played on your console last night and the poster you just seen in a bus stop or on an advertising board this morning.

Graphic design has more jobs than any other area of the art and design world, is fun and enjoyable to take part in and allows you to be creative and successful without being good at drawing or painting, all you need is imagination.

You will learn about colour and the way it can influence our moods and choices when buying products, you will learn how to set magazine covers out, you will learn how to use Adobe Photoshop and Adobe Illustrator to help you design, you will learn about methods of producing graphic designs, you will learn about successful graphic design and designers from the past as well as the best current designers and designers working in the industry today.

#### How Will I Be Assessed?

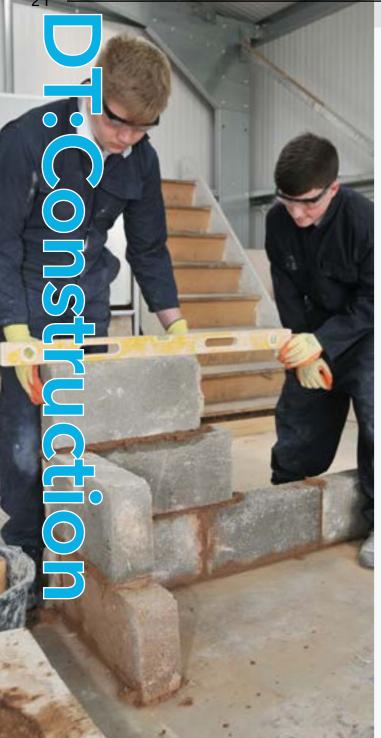
Written exam - 40% (90mins)

NEA - 60% - Internally assessed / externally moderated (17.5 hours)

#### **Opportunities for Further Study and Career Pathways**

After completion of this course, you can go on to study other Level 2 or 3 DT courses in our sixth form, go to Art college to study Graphic design at Level 3, go to college to study advertising, undertake a variety of Art courses at level 2 or 3, get an apprenticeship in Graphic design, branding, advertising or marketing at a private company.





#### Qualification - Level 2 Technical award

Exam Board - Pearson BTEC

#### What Will I Learn?

This qualification allows you to explore the construction and built environment industry. If you enjoy practical, hands on tasks but also want to discover how buildings are constructed and what happens when they require repair, maintenance or refurbishment then this qualification is for you.

You will explore the structure of the construction and built environment industry in terms of how different people work together to deliver construction projects. You will develop an understanding of what makes a building and how the selection of different materials affects the overall look and feel, as well as how the building actually stands up. You will have the opportunity to carry out a selection of realistic practical construction tasks related to the repair, maintenance and refurbishment of a building.

#### How Will I Be Assessed?

Component 1 - external assessment - 40% of total grade

Component 2 - internal assessment 30%

Component 3 - internal assessment - 30%

#### **Opportunities for Further Study and Career Pathways**

After completion of this course, you can go on to study Industry standard qualifications at college in a specific trade e.g. full-time bricklaying, joinery, plumbing etc. which would qualify you to work on site within that sector. Or stay in study for a Level 3 qualification in our 6th form or at a college.

This could lead on to the following employment opportunities:

- Construction Design Technician.
- Site Manager.
- Property Developer.
- Civil Engineer.

#### Qualification - BTEC Technical Award

#### Exam Board - Pearson Edexcel

#### What Will I Learn?

At KS4, students who choose to study BTEC Tech Award- Acting will receive a broad, coherent and rigorous course of study, which will inspire creativity and provide opportunities for students to make and understand Drama.

Students will have the opportunity to explore a variety of performance texts, understanding their social, cultural and historical context including the theatrical conventions of the period in which they were created. Alongside this, students will further develop a range of theatrical skills and apply them to create effective performances, working collaboratively to generate, develop and communicate ideas as creative, effective, independent and reflective students.

\*You must have a passion for the arts and performing to take the course.

#### How Will I Be Assessed?

Assessments are graded using the Pass, Merit, Distinction, Distinction\* system. Through a mixture of performance and written tasks (no written exam but theory elements throughout e.g. research logs, performance logbooks and written evaluations.

This qualification is modular and is split into three units. One is an externally assessed exam and the other two are internally assessed.

#### **Opportunities for Further Study and Career Pathways**

This course will allow you to study Drama at 6th form or college and move onto a career in the following: Actor /Actress, Stage Manager, Arts Administrator, Drama Teacher, Drama Therapist, TV presenter, Media Producer, Radio Presenter and Theatre Director.





#### **Qualification - Cambridge Nationals**

Exam Board - OCR

#### What Will I Learn?

Students explore the techniques businesses use to understand their market and develop products, investigate what makes a product viable and understand how businesses attract and retain customers.

Students are presented with a business challenge from which they create a researched and costed business proposal. They will carry out market research, present data, use idea generation tools, seek and act on feedback, and cost their proposals. In their work on this unit they will develop their self-assessment, collaborative working, creativity, numeracy, research and evaluative skills.

Students prepare for and pitch the business proposal that they developed in the previous unit. They develop a brand identity and investigate how best to promote their product and then plan, practise and finally deliver their pitch. Afterwards they review both their performance and their business proposal. This will help develop their analysis and self-evaluative skills as well as those relating to self-presentation.

#### How Will I Be Assessed?

There is one exam paper worth 50%, and two coursework projects, each worth 25% of the final marks for your grade.

#### **Opportunities for Further Study and Career Pathways**

- Marketing executives
- Entrepreneurs
- Accountants
- **Business Development Managers**
- Product Developers

#### Qualification - GCSE

#### Exam Board - AQA

#### What Will I Learn?

Geography helps you to make sense of the world around you.

It is hands on, it is relevant and it is fun! Geography is not only up to date and relevant, it is one of the most exciting, adventurous and valuable subjects to study today. So many of the worlds current problems boil down to geography, and need the geographers of the future to help us understand them.

You will travel the world from the classroom, exploring case studies in the United Kingdom (UK), higher income countries (HICs), newly emerging economies (NEEs) and lower income countries (LICs). Topics of study include climate change, poverty, deprivation, global shifts in economic power and the challenge of sustainable resource use.

You will also be encouraged to understand your role in society, by considering different viewpoints, values and attitudes. You will have a fieldwork trip to the River Alyn for physical geography and Chester for human geography.

#### How Will I Be Assessed?

Paper 1: Living with the physical environment. Paper 2: Challenges in the human environment Paper 3: Geographical applications

#### **Opportunities for Further Study and Career Pathways**

A GCSE in Geography can lead to careers in the following fields:

- Cartographer
- Commercial/residential surveyor
- Environmental consultant
- Geographical information systems officer
- Planning and development surveyor
- Teaching and Lecturing
- Town planner
- Funding & Strategy Senior Advisor Flood & Coastal Erosion Risk Management
- GIS Analyst





#### Qualification - Technical Award

Exam Board - NCFE

#### What Will I Learn?

If you are interested in your own health, the health and well-being of others and have a kind and caring nature, this course is for you. In this subject you have an opportunity to:

- Gain a practical introduction to life and work within Health and Social Care.
- Gain practical, transferable skills that will give you the confidence to progress in whatever career you choose.

#### You will study 8 units.

Unit 1 - Health and social care provision and services

Unit 2 - Job roles in health and social care and the care values that underpin professional practice Unit 3 - Legislation, policies and procedures in health and social care

Unit 4 - Human development across the life span Unit 5 - The care needs of the individual

Unit 6 - How health and social care services are accessed

Unit 7 - Partnership working in health and social care

Unit 8 - The care planning cycle

#### How Will I Be Assessed?

The qualification is split into 50% non-exam coursework assessment and 50% external examination.

#### **Opportunities for Further Study and Career Pathways**

This course is suitable for anyone who wants to work in the Health & Social Care sector.

Social care workers provide care and support for vulnerable people, such as those with disabilities and older people. Social care is provided in the community: at the home of the person receiving care, or in a care home, for example.

Social care is also available for families, making sure children from vulnerable or disadvantaged backgrounds are growing up in a safe and healthy environment.

A qualification in Health and Social Care helps both health care and social care workers to understand the needs of the people they are looking after, and how to provide care in a safe and dignified way.

#### Qualification - GCSE

#### Exam Board - AQA

#### What Will I Learn?

History is an exciting, modern course that covers a range of different historical periods. GCSE History will enable students to develop skills required for other literacy based examinations. Pupils gain a knowledge and understanding of the past and how it has been represented. The subject gives pupils the opportunity to think analytically about the causes and consequences of historical events. Students will learn about important historical people, events and why they are significant in history. Students will be taught to write at length and in detail. History is an academically demanding course requiring students to study independently, at home, in order to be successful.

#### Paper 1:

Germany 1890-1945, Democracy and dictatorship Conflict and tension between East and West, 1945-1972

Paper 2:

Health and the people; C.100 to the present day Elizabeth, c.1568-1607

#### How Will I Be Assessed?

There are two external exams at the end of the two-year course. Paper 1: 2 hours Paper 2: 2 hours

#### **Opportunities for Further Study and Career Pathways**

You can further deepen your knowledge by embarking on AS/A2 Examinations; Higher Education/ College/University. Possible careers include: teaching, journalism, human resources and working with people.





#### Qualification - BTEC Tech Award Level1/2

Exam Board - Pearson Edexcel

#### What Will I Learn?

BTEC Music is a popular and practical choice for those wishing to study and learn about the music industry. You will learn about the various music products, develop valuable skills and techniques in music creation, performance and production, and explore potential careers in the industry.

You will complete three components across the 2 year course:

Component 1: Exploring Music Products and Styles - exploring the techniques used in the creation of different musical products and investigating the key features of different musical styles and genres

Component 2: Music Skills Development developing two musical disciplines such as performing, creating or producing music with the use of technology

Component 3: Responding to a Music Brief developing and presenting music in response to a given music brief from the exam board

#### How Will I Be Assessed?

The course combines both internally and externally assessed components which will involve responding to assignments set by the exam board.

#### **Opportunities for Further Study and Career Pathways**

After completing the course, you can continue onto further vocational and academic study of music performance, music technology or music production at level 3, as well as apprenticeships and traineeships.

Alternatively, you may wish to go into a job where it is useful to have had experience of music or where you will need to use some of the skills developed during this course. These might include careers in sound production, DJ, publishing, entertainment and teaching or any job, which involves independent, communication and expressive skills.

#### Qualification - GCSE

#### Exam Board - Eduqas

#### What Will I Learn?

This interesting subject gives pupils the opportunity to think about the modern world as we see it today and how people can cooperate, even when from different backgrounds and belief systems. We use our own opinions and ideas of the world to contrast and compare many issues such as poverty or abortion, referring to the impact of religious teachings on individuals and society as a whole.

You will learn about religious, philosophical and ethical studies in the modern world, through: Issues of relationships, including cohabitation and marriage.

Issues of life and death, including the creation of the world (with science) and how abortion is viewed.

Issues of good and evil, including capital punishment and how evil entered the world. Issues of human rights, including equality and attitudes to racism.

Beliefs, teachings and practices in Christianity. Beliefs, teachings and practices in Judaism

#### How Will I Be Assessed?

Three External Examinations Paper 1: Philosophy, Moral and Ethical Studies in the modern world: 2 hours.

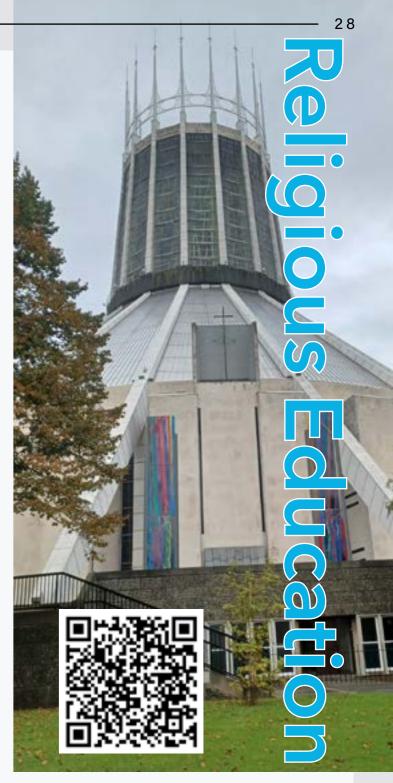
Paper 2: Christianity: 1 hour.

Paper 3: Judaism: 1 hour.

#### **Opportunities for Further Study and Career Pathways**

AS/A2 Examinations; Higher Education/College/University

Possible careers: teaching, journalism, human resources, law including policing, social care and working with people.





#### Qualification - GCSE

Exam Board - AQA

#### What Will I Learn?

In Biology you will study: cells, organisation, infection and response, bio energetics, homeostasis, inheritance, variation and evolution, ecology and key ideas.

In Chemistry you will study: atomic structure and the periodic table, bonding structure and properties of matter, quantitative chemistry, chemical changes, energy changes, the rate and extent of chemical change, organic chemistry, chemical analysis, chemistry and the atmosphere and using resources.

In Physics you will study: energy, electricity, the particle model of matter, atomic structure, forces, waves, magnetism and electromagnetism and space physics.

Each subject will present opportunities for students to design and carry out investigations in a practical context. Each course aims to explain in more detail the world that students experience on a daily basis.

#### How Will I Be Assessed?

Each subject has two 1hr 45 min exams which account for 50% of each GCSE.

Examinations are terminal and will be graded on the new 9-1 scale. Throughout the course students will undertake practical assessments which will also be examined at the end of year 11.

#### **Opportunities for Further Study and Career Pathways**

If you're already thinking about university and careers and are interested in science-based degrees and jobs, then it is definitely worth considering taking separate Science GCSEs.

Most top universities prefer applicants for Science subjects to have taken the triple award option at GCSE. Whatever career you are considering, taking triple Science GCSE will set you up well for later life. Employers are crying out for candidates with science-based skills.

\* Given the academic demand of Triple Science, students wanting to study this option should be able to secure at least a GCSE grade 6 in all 3 sciences and be able to access the higher tier content. In addition, given the Mathematical demand students should also be looking to sit the higher tier content at GCSE in Maths and have the ability to secure at least a 6 in that subject also. Students will be advised by Mr Marsh / Mr Pritchard if they are suitable for this option

#### Qualification - GCSE

#### Exam Board - AQA

#### What Will I Learn?

In GCSE Spanish, you will learn to use four main aspects of essential skills for communication in Spanish (and, indeed, in any language): Listening, Speaking, Reading and Writing.

During the course you will cover topics within the following themes:

- Identity and Culture describing yourself and others, learning about customs and festivals in Spanish speaking countries.
- Local area, holiday and travel describing your town, local area and neighbourhood, describing holidays you have been on and your future travel plans.
- School describe your school life, your subjects and rules at your school.
- Future aspirations, study and work explain what you would like to do in the future in terms of study and work plan, describe what plans you have for the future.
- International and global dimension global issues such as the environment and poverty.

#### How Will I Be Assessed?

In your Spanish GCSE all four areas of Listening, Speaking, Reading and Writing will be assessed by separate examinations at the end of Year 11 at either foundation or higher tier.

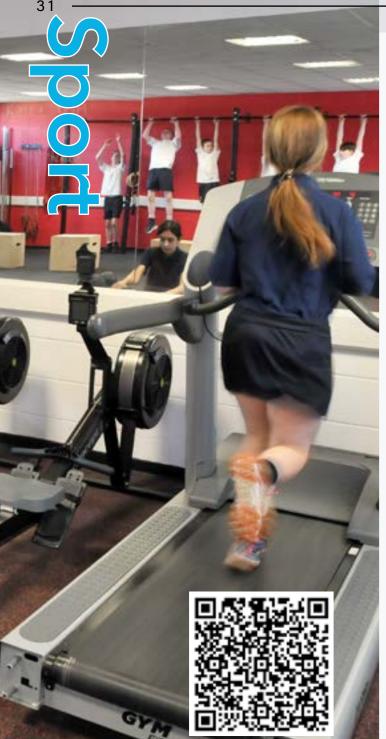
#### **Opportunities for Further Study and Career Pathways**

A GCSE in Spanish is extremely useful for a variety of jobs, not just teaching or translating; for example, you might use these skills in careers such as tourism, web design, medicine, engineering or ICT. If you decide to continue your language learning to university level, you will be given the opportunity to spend time in Spain or Latin America.

A qualification in a language will always look good on your CV, whether you use the language in the course of your work or not, as it tells potential employers and colleges that you can use the four essential skills for communication.

\* The most able 25% of students will placed onto the languages pathway and will automatically be allocated Spanish as one of their subjects of study for GCSE. This does not preclude other students from opting to study the subject.





#### Qualification - NCFE Level 1/2 Technical Award

#### Exam Board - NCFE

#### What Will I Learn?

The NCFE Level 1/2 Technical Award in Health and Fitness complements GCSE qualifications. It is aimed at 14-16 year olds studying Key Stage 4 curriculum who are interested in the health and fitness industry sector. This qualification is designed to match the rigour and challenge of GCSE Study. The qualification focuses on an applied study of the health and fitness sector and learners will gain a broad understanding and knowledge of working in the sector.

Throughout this qualification, learners will gain valuable knowledge of:

- The main body systems and their functions.
- Principles of training and FITT.
- How physical activities affect the body in the short and long term.
- How relevant fitness tests can be used for specific health and skill components of fitness.
- Different lifestyle analysis tools and how to apply them.
- Creating a health and fitness programme.

#### How Will I Be Assessed?

Learners are required to successfully complete 2 mandatory units. Learners must also achieve a minimum of a Level 1 pass in the internal and external assessments.

Unit 1: Introduction to body systems and principles of training in health and fitness (40%) 1 hour 30 written exam.

Unit 2: Preparing and planning for health and fitness (60%) synoptic project.

#### **Opportunities for Further Study and Career Pathways**

It is a starting point for a career in sports, leisure, teaching and Uniformed Services. Alternatively, you may choose a career where you will use the skills developed during this course. This might include careers which involved leadership, communication skills and team work.

This course links into the Sport Level 3 course in 6th Form with many of the modules being repeated but in greater depth. Colleges and Universities value this course highly.

#### Qualification - GCSE

#### Exam Board - Edexcel

#### What Will I Learn?

Statistics are everywhere, from predicting the weather, deciding on how much traffic there will be on a motorway to monitoring workflow in the office. It is a huge part of everyday life, careers and further study.

This qualification will enable you to acquire transferable skills to support you in progressing beyond GCSE in a range of subjects. An understanding of data in the real world and how it can be used (or misused) can empower you and is relevant to everyone.

GCSE statistics compliments your GCSE mathematics course with lots of topics covered across both, some of these topics include:

- Probability
- Collecting and interpreting data
- Averages
- Scatter diagrams
- Measures of spread
- Constructing tables and charts
- Types of data
- Sampling

#### How Will I Be Assessed?

The examination is split into two evenly weighted papers that focus on the same content and skills. Both papers are 1hr 30 minutes and 80 marks each. Calculators may be used in both examinations.

#### **Opportunities for Further Study and Career Pathways**

GCSE statistics offers you lots of transferable skills which are vital in further education and the world of work, including; non-routine problem solving, systems thinking, critical thinking, communication and collaborative problem solving. Being confident in statistics is a crucial skill in many subjects and careers. These include but not limited to geography, biology, chemistry, government and politics, law, sociology, psychology, business studies and economics.



Qualification - Level 2 Certificate

Exam Board - AQA

#### What Will I Learn?

This qualification will enable you to deepen your knowledge in mathematics and develop skills which will allow you to succeed in your chosen pathway. It places and emphasis on higher order technical proficiency,

rigorous argument and problem solving skills and is designed to challenge you to dive deep into key concepts, to encourage stretch and enjoyment and help you to reach your potential!

This qualification is based on the content of the GCSE mathematics gualification and is designed to taught in parallel with GCSE mathematics. There are 6 distinct topic areas although questions will be asked that range across these topics:

- Number
- Algebra
- Coordinate geometry (2 dimensions only) •
- Calculus •
- Matrices
- Geometry

#### How Will I Be Assessed?

The examination is split into two evenly weighted papers that focus on the same content and skills. Each paper consists of a mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as you progress through the paper. Both papers are 1hr 45 minutes and 80 marks each.

Paper 1 is non-calculator and paper 2 is a calculator exam.

#### **Opportunities for Further Study and Career Pathways**

The further mathematics course is a fantastic opportunity for pupils to prepare for future A level study as it bridges the gap between GCSE and A levels. It is an ideal qualification to study should you be thinking of a career in mathematics, business, IT or medicine.

### Who Should I Speak to?

#### **Core Subjects**

English Language **English Literature Mathematics** GCSE Combined Science:Synergy

**Option Subjects** 

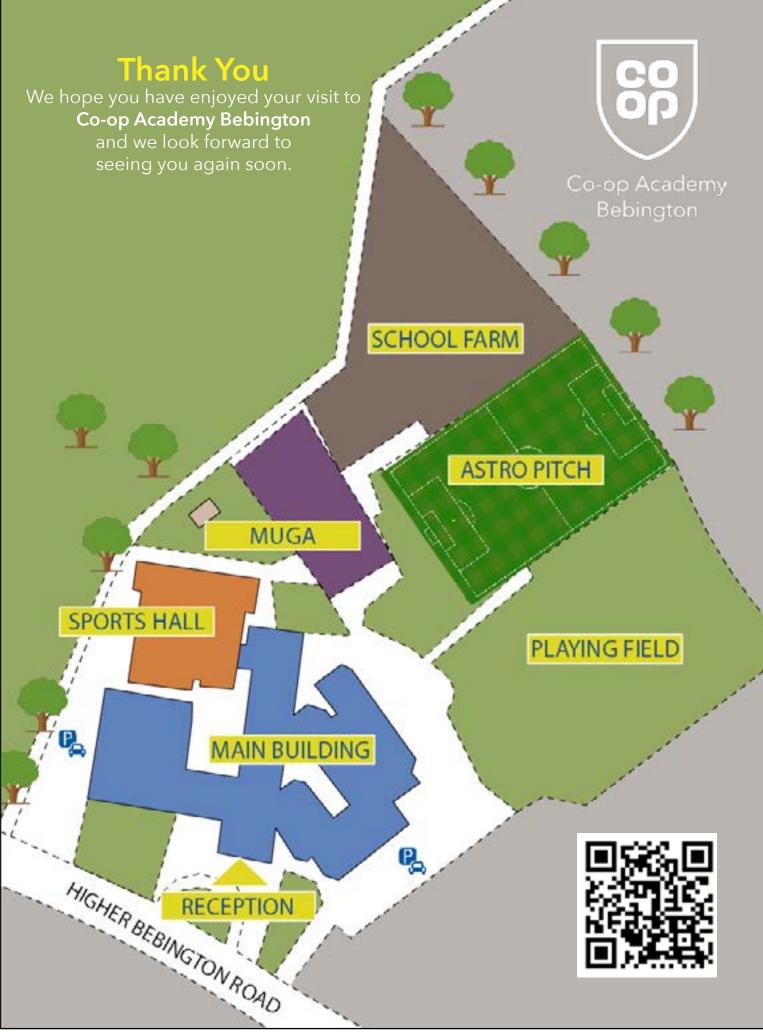
Animal Care Art & Design Art & Design:Textiles **Computer Science** Creative iMedia Dance DT:Hospitality & Catering DT:Graphic Design DT:Construction Drama Enterprise & Marketing Geography Health & Social Care History Music **Religious Education** Separate Sciences:Triple Spanish Sport **Statistics** Further Maths

You may also speak to your subject teacher for further information and guidance. Mrs Fardoe, our careers advisor is also available.

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**Miss Redmond Miss Redmond** Mrs Kempster Mr Marsh

Miss McRae Mrs Flemming Mrs Flemming Mr McLaughlin Mr McLaughlin Miss Reynolds Mr Braniff Mr Braniff Mr Braniff Miss Donaghy Mr McLaughlin Ms Hart-Jones Mrs O'Brien **Mrs Barnes** Miss Utley **Mrs Rickers** Mr Marsh Mr Marsh Mr Lloyd Mrs Kempster Mrs Kempster



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