Corby Technical School Sixth Form

The most employable students in Corby

Corby Technical School Sixth Form offers a broad range of Level 3 courses across all faculty areas. We are building a reputation for delivering strong academic results, coupled with high quality pastoral support. In this brochure we have detailed the core courses we plan to offer in September 2023. If you have any further questions please contact the school at **enquiries@corbytechnicalschool.org.**

At Corby Technical School students will thrive in an atmosphere where they will feel safe, confident and supported in all aspects of their curriculum. The relationships forged with subject teachers over time at Corby Technical School are highly valued by students and the pastoral care we offer ensures that every student has the support in place to achieve their goals.

Our aim is to enable students to progress to their next steps in life, equipped with the key employability skills for a fast changing global market. For the 2023-24 academic year we are delighted to be offering 19 Level 3 qualifications, alongside an array of co-curricular opportunities.

Courses for 2023 / 2024

Course Entry Requirements 2022

Route 1 and Route 2 pathways

Route 1: A Level
The school entry requirements for all applicants will be the same and are a **minimum of five** higher grade GCSE results (grades 9 to 5) including GCSE English Language at grade 9 to 5 and GCSE Mathematics at grade 9 to 5.

Route 2: Other Level 3 Qualifications
The school entry requirements for all applicants will be the same and are a **minimum of four** higher grade GCSE results (grades 9 to 5) including at least one of GCSE English Language at grade 9 to 5 or GCSE Mathematics at grade 9 to 5.
In order to study individual subjects the specified **GCSE** entry grade criteria, as outlined below, need to be met.

Subject	GCSE Requirements
Applied Science	Grade 5,5 or above in Combined Science **or** two separate sciences at Grade 4 or above
Art	Grade 6 or above in GCSE Art if studied
Biology	Grade 6 or above in Biology and another single science **or** Grade 7,7 or above in Combined Science
Chemistry	Grade 6 or above in Chemistry and another single science **or** Grade 7,7 or above in Combined Science
Computer Science	Grade 6 or above in Computer Science if studied **or** Grade 6 or above in Mathematics if not studied
Creative Digital Media Production	Grade 5 or above in English
Design Engineering	Merit or above in Engineering or a Grade 6 or above in Design and Technology if studied **or** Grade 6 or above in Mathematics, Physics or Combined Science. For students holding a Merit a minimum of Grade 5 in Mathematics and Physics are also required
English Language and Literature	Grade 6 or above in one of the English GCSEs and a Grade 5 in the other
Geography	Grade 6 or above in English and Grade 6 or above in Geography
History	Grade 6 or above in English and Grade 6 or above in History
Mathematics	Grade 7 or above in Mathematics. For A Level Further Mathematics a Grade 8 or above is required. Grade 5 or above is required for Core Mathematics
Music Technology	By interview - Music/Computing GCSE or prior musical knowledge/experience will be advantageous
Physics	Grade 6 or above in Physics and another single science **or** Grade 7,7 or above in Combined Science. A minimum of a Grade 6 in Mathematics. It is also recommended students study A Level Mathematics.
Psychology	Grade 6 or above in Mathematics and Grade 6 in Biology or Grade 6,6 in Combined Science
Sport and Physical Activity	Grade 5 in Science (separate or combined) or a Grade 5/Merit in a Sport qualification
Travel and Tourism	Grade 5 in English Language or Grade 5 in Geography

Applied Science (Level 3 Cambridge Technical)

Course Entry Requirement: Grade 5,5 or above in Combined Science or two separate sciences at Grade 4 or above

Students will develop professional and practical skills through carrying out real experiments and research.
Students will gain an understanding of the different types of scientific industries and settings plus how laboratory design can vary across organisations and sectors. Students will apply their skills, knowledge and understanding to activities relevant to one pathway: food, environmental or human sciences.
Apart from applied science sector specific content, the requirements of the qualification will mean students develop the transferable and higher order skills that are highly regarded by both HE and employers. For example, carrying out practical laboratory tasks, planning investigations, collecting, analysing and presenting data, and reviewing and refining the methodology of practical and laboratory based work.

Course Structure

The course is broken down into 5 units; two are assessed through formal exams and three through controlled assessments that look at applying and evidencing theory through practical means. The units are as follows:

Unit 1	Science fundamentals
Unit 2	Laboratory techniques
Unit 3	Control of hazards in the laboratory
Unit 4	Microbiology
Unit 5	Product testing techniques

What can I do with a qualification in Applied Science?

This level 3 qualification is equivalent to an A level and can be used for applications to Higher Education or for employment within the scientific field.
Student who have gained the level 3 Cambridge Technical in Applied Science have gone on to careers in areas such as:

Biological Science	Forensic Science	Molecular Biology	Nursing	Sport Science
Medical Technology	Midwifery	Paramedic	Biophysics	Food Technology

OCR Fine Art (A Level)

Course Entry Requirement: Grade 6 or above in GCSE Art if studied

The OCR A Level Art and Design specifications are designed to encourage learners to develop skills, creativity, imagination and independence based on personal experience, taught skills and critical understanding. Learners show this through their responses to a range of stimuli.

The aims and learning outcomes are to enable learners to develop:

- Intellectual, imaginative, creative and intuitive capabilities
- Investigative, analytical, experimental, practical, technical and expressive skills, aesthetic understanding and critical judgement
- Independence of mind in developing, refining and communicating their own ideas, their own intentions and their own personal outcomes
- The experience of working with a broad range of media
- An understanding of the interrelationships between art, craft and design processes and an awareness of the contexts in which they operate.

Course Structure

The course is made up of two components:

Component 1: Personal investigation (portfolio of practical work and an extended written response of a minimum of 1000 words)	Learners will engage with the creative process. This is a practical portfolio with supporting contextual research. Learners are expected to develop a personal response based on a centre set theme leading them to a finished realisation.
	The personal investigation will consist of a sustained project, theme or course of study. Learners should carefully select, organise and present work to ensure they provide evidence of all four learning objectives.
	Learners need to explore ideas, techniques, processes using a variety of media. Written element will show critical and contextual understanding showing detailed written and visual analysis relating to the chosen theme, project or course of study.
Component 2: Externally set task	Exam paper is released in February. It will give learners a choice of themes with visual starting points. Learners choose ONE option to research and produce a creative response. Learners are required to provide evidence of all assessment objectives in response to their chosen theme during a 15 hour supervised time period.

What can I do with A Level Fine Art?

Theatre Design	Art Therapist	Teacher	Fashion Design	Graphic Design
Illustrator	Curator	Architecture	Garden Design	Web Design
Photographer	Conservator	Jewellery Design	Artist	Conservator

OCR Biology (A Level)

Course Entry Requirement: Grade 6 or above in Biology and another single science or Grade 7,7 or above in Combined Science

Biology is the science of life: how living organisms function, develop, reproduce and evolve, from the scale of genes up to that of ecosystems. Biology also helps society make decisions about scientific issues and how all science specialisms contribute to the success of economy and society.
This course will explain interesting things such as:

- How 1 meter of DNA can fit inside the nucleus of a cell.
- How a Mung bean respires.
- How a heart is able to generate its own beat.

It can also help you answer very interesting questions such as: Do the lungs really have a surface area the size of two tennis courts?
This course will involve working both independently and as a group, applying problem solving skills to both practical and theoretical situations.

Course Structure

The A Level comprises of 6 modules combined with the practical endorsement	
Module 1	Development of practical skills
Module 2	Foundations in Biology
Module 3	Exchange and Transport
Module 4	Biodiversity, Evolution and Disease
Module 5	Communication, Homoeostasis and Energy
Module 6	Genetics, Evolution and Ecosystems

What can I do with A Level Biology?

On completion of the A Level many students elect to continue with Biology or related subjects at university. The qualification may also provide opportunities for direct entry into a vocation related to medical laboratory technology, in pharmaceutical and biological/biotechnological industries. Overall, A Level Biology can be considered an ideal course to introduce students to a career in science.

Medicine	Forensic Science	Dentistry	Biological Science	Veterinary Science
Medical Technology	Sport Science	Paramedic	Physiotherapy	Food Technology

OCR Chemistry (A Level)

Course Entry Requirement: Grade 6 or above in Chemistry and another single science or Grade 7,7 or above in Combined Science

Chemistry is an active and continually growing science that has vital importance to our world. Although the history of chemistry goes way back to ancient times, the course focuses on modern issues, and you will soon see how up to date this experimental science is.
If it wasn't for chemists the diesel in our cars would freeze every winter, we wouldn't have the medicines available to us now, and specialist clothing and equipment for motor racing, rescue services and sports wouldn't be available.
Chemistry takes the most basic of substances, the atom, and builds in concepts of bonding in more detail than in GCSE. You will see how the structure of a molecule is defined by the angle at which atoms are bonded together. How energy moves between the surroundings and the reaction which will determine the type of product and type of reaction which occurs.

Course Structure

The A-Level comprises of 6 modules combined with the practical endorsement	
Module 1	Development of practical skills
Module 2	Foundations in Chemistry
Module 3	Periodic Table and Energy
Module 4	Core Organic Chemistry
Module 5	Physical Chemistry and Transition Elements
Module 6	Organic Chemistry and Analysis

What can I do with A Level Chemistry?

On completion of the A Level many students elect to enter the world of Chemistry through different avenues either by progression on to university, a higher level apprenticeship or into a science orientated career . Overall A Level Chemistry is highly regarded as a good academic qualification by employers and universities.

Medicine	Forensic Science	Dentistry	Pharmacy	Veterinary Science
Medical Technology	Chemical Engineering	Paramedic	Metallurgy	Food Technology

OCR Computer Science (A Level)

Course Entry Requirement: Grade 6 or above in Computer Science if studied or 6 or above in Mathematics if not studied

The A Level in Computer Science will build on the knowledge gained on the GCSE Computer Science course. There is a high emphasis on programming and computational thinking, allowing you to hone your problem solving and technical skills.

A Level Computer Science helps you to understand the core academic principles of computer science. Classroom learning is transferred into the creation of real-world systems. The programming project requires you to devise, plan and develop a piece of software to solve a real world problem. You will develop your technical understanding as well as your ability to analyse and solve problems using computational thinking. Computer Science is a highly creative subject that combines innovation and technical skill. You will develop advanced problem solving skills allowing you to specialise in the area of Computer Science that matches your own interests at either University level or as part of your career journey.

Course Structure

Students will be assessed on Computing Principles, Algorithms and Problem Solving and Computer Systems. Combined, these areas of study provide students with a rounded Computing education that will prepare them for further technical study and technical careers. Students knowledge will include an in depth understanding of a computer's architecture, how data is transmitted across networks, legal and moral issues in computing and software development.

The A-Level in Computer Science is marked in 3 components. This is made up of two externally marked examinations and one coursework project. The breakdown is as follows
Paper 1 – 40%
Paper 2 – 40%
Coursework (Year 13) – 20%

What can I do with A Level Computer Science?

On completion of the qualification many students elect to enter the world of computing through many different avenues either by progression on to university, a higher level apprenticeship or into a technology orientated career . Overall A Level Computer Science is highly regarded as a good academic qualification by employers and universities.

Software Developer	Web Developer	Games Developer	Information Systems Manager	Multimedia Programmer
Network Manager	IT Consultant	Intelligence	Technical Support	Digital Strategy

Creative Digital Media Production (BTEC)

Course Entry Requirement: Grade 5 or above in English

The BTEC in Creative Digital Media Production provides an exciting insight into both the creative and technical practice in the modern media industry. Fast paced and incredibly competitive, media jobs are highly sought after by school leavers and graduates. This course provides you with the skills, as well as encouraging your determination to succeed to provide you the best possible chance to break into the digital media industries.

This course focusses on a number of main elements; an understanding of media representation (understanding your audience and how media products can meet their needs), pre-production (understanding the requirements of planning and delivering a digital media product) and the necessary technical skills in order to create a digital product to meet a commission.

The school will draw upon the expertise of the Computer Science and ICT department to deliver additional modules in Digital Games Production in order for you to specialise in a specific, highly competitive area of media production in the UK.

Course Structure

The course is broken down into four units; two are assessed externally, the remaining two are assessed through controlled assessments that look at applying and evidencing theory through practical means. Students may choose between units 4 and 5. The units are as follows:	
Unit 1	Media Representations – (External Assessment – Written Exam)
Unit 2	Pre-Production Portfolio (Non-Examined Assessment – Internally Assessed)
Unit 8	Responding to a commission (External Assessment)
Unit 13	Digital Games Production (Non-Examined Assessment – Internally Assessed)

What can I do with Creative Digital Media Production?

On completion of the qualification many students elect to enter the world of digital media through many different avenues either by progression on to university, a higher level apprenticeship or into a technology orientated career or media.

Media Studies	Journalism	Media Production	Marketing	Animation
Sound Editor	Games Developer	Film and Television Production	Film Studies	Audio Engineer

OCR Design Engineering (A Level)

Merit or above in Engineering or a Grade 6 or above in Design and Technology if studied or Grade 6 or above in Mathematics, Physics or Combined Science. For students holding a Merit a minimum of Grade 5 in Mathematics and Physics are also required

Engineering is an inspiring, rigorous and practical subject. Using creativity and imagination, students design and make products that solve real and relevant problems.

Our aim is to equip all students with relevant and transferable skills, enabling them to produce high quality outcomes in their practical work.

Engineering is all about problem solving which is essentially what Design Technology is about. The topics will be based on coming up with a solution to a problem set by the department through design, modelling and practical sessions, and utilising the subject knowledge that runs alongside it.

Course Structure

The course will teach you about the three related areas of engineering through practical, project work and theory which will underpin your understanding.

You will study a broad course of a technical Design & Technology/ Engineering subject which builds on the core of what you have been taught across GCSE and focuses on structural, mechanical and electronic engineering.

Year 12 is used to build a foundation of new content through some high level A grade style projects which will stretch and challenge you to produce something amazing and get your teeth into! It will give you a strong basis of knowledge as well as making skills and folder work, which can then be applied to the coursework element in Year 13 which we start at the end of Year 12 and counts for 50% of your final grade.

You will have to produce a portfolio which demonstrates your ability to research, design, develop, make and evaluate your chosen product of your choice.

There is also an examined component at the end of the course

What can I do with A level Design Engineering?

Studying Design Engineering shows an employer that students are able to use a wide range of academic and practical skills and can apply their knowledge to solve problems. Pairing Design Engineering with Mathematics and Physics would be an ideal combination for a university or apprenticeship application in Engineering. Students often go on to careers in;

Engineering	Robotics	Construction	Conservation	Design
Communications	Architecture	Hazard Resistant Design	Transport	Disaster Relief

AQA English Language and Literature (A Level)

Course Entry Requirement: Grade 6 or above in one of the English GCSEs and a Grade 5 in the other

English Language and Literature draws upon an integrated stylistic approach to a range of texts covering all the main genres across fiction and non-fiction contexts. You will expect to study a novel, a play, a set of poetry and a collection of non-fiction texts of different forms and modes. In addition there will be a creative writing element where you create a voice for a character in a second novel you will read. You will also be expected to complete a piece of independent coursework, based on your own choice of texts and topics.

Other exciting aspects of the course include exploring the contexts and cultures surrounding the texts produced and the backgrounds of the writers. You will also study some of the more theoretical aspects of English studies from literary and linguistic theory, perspectives and ideas to exploring debates surrounding gender, power and language. You will also have the chance to study spoken language forms and the contexts that underpin such interactions.

Course Structure

This A Level is separated into three units. Unit 1 and 2 are examined at the end of Yr13. The NEA (non-examined assessment) is a coursework project of your own choice. These texts are what we cover at the time of writing.	
Unit 1:	Paris Anthology of non-fiction texts; The Handmaid's Tale (novel); Seamus Heaney poetry.
Unit 2:	The Kite Runner (creative writing unit and commentary); A Streetcar Named Desire (Mid 20th century play text)
Unit 3:	Non-examined assessment. Research and investigation project of your choice. Students who wish to cover Shakespeare as part of their assessment may opt to complete a play or poetry of their choice for this unit.

What can I do with A Level English Language and Literature?

On completion of the A level, students find universities favour English as a highly prestigious facilitating subject. This A Level can complement many other subjects and students can proceed to different avenues either by progression on to university or perhaps a higher level apprenticeship. Many of our students opt to study English at university too; the combined option opens doors for higher literature study or a move into linguistics.

Journalism	Teaching	Public Services	Armed Forces	Writing
Law	The Media	Politics	Theatre or Creative Arts	Architecture

AQA Geography (A Level)

Course Entry Requirement: Grade 6 or above in English and Grade 6 or above in Geography

Students who want to explore the depths of the world around them will enjoy taking A-Level Geography. Our A Level Geography qualification develops students' understanding of physical and human geography from a local through to a global scale. They develop practical fieldwork skills as they explore and think critically about the interactions between people and the environment and the issues arising.

Students will explore how the landscape can be viewed as a system, how landforms developed within their chosen landscape and the influences of both climate and human activity on this. Students develop an understanding of landscape systems by studying coastal landscapes followed by earth's support systems. Students also study human processes and develop a picture of how the world around them is shaped by humans, starting from the local and moving out to regional, national and international scales, they will do this by looking at global systems and global governance. Moreover, we have big focus on literacy and developing students writing and analytical skills so they are prepared for the intricacies and challenges of studying A Level Geography and beyond.

Course Structure

	Topics	**Assessment**
Physical Geography (01)	Water and carbon cycles Hazards Coasts	120 Mark Exam 2 hours 30 mins 40%
Human Geography (02)	Global Systems and Global Governance Changing Places Contemporary Urban Environments	120 Mark Exam 2 hour 30 mins 40%
Geographical Fieldwork Investigation (02)	Students complete an individual investigation which must include data collected in the field. The individual investigation must be based on a question or issue defined and developed by the student relating to any part of the specification content.	3000-4000 words 60 Marks 20%

What can I do with A Level Geography?

A Level Geography will provide you with the skills required of an undergraduate - an inquiring mind and the ability evaluate sources, build coherent arguments, and the research skills required to write an extended piece of writing

Law	Politics including the Civil Service and NGOs	Education	Human Resources	Accountancy
Business	Journalism/the Media	Marketing	PR and Sales	Environmentalism

AQA History (A Level)

Course Entry Requirement: Grade 6 or above in English and Grade 6 or above in History

Students who want to explore the depths of the world around them will enjoy taking A Level History. Our modules provide students with an opportunity to deepen their knowledge of Tudor Britain. The Tudor monarchs constituted the most important and significant dynasty in English history, fundamental not only to the story of our national identity, but also to the shaping of modern Britain.

Furthermore, a study of Weimar and Nazi German allows students to critically analyse how Germany's experiment with democracy for the first time in Weimar Germany gave way to a dictatorial Nazi regime. It explores concepts such as democracy, ideology, class, anti-Semitism whilst it also encourages a reflection on how governments work and the problems of democratic states as well as consideration of what creates and sustains a dictatorship. Moreover, we have a big focus on literacy and developing students writing and analytical skills so they are prepared for the intricacies and challenges of studying A Level History and beyond.

Course Structure

Components	Topics	Assessment
Component 1: 1C The Tudors: England, 1485–1603	**Year 12 –** Henry VII through to Edward VI **Year 13 –** Mary I and Elizabeth I	Written exam 2 hours 30 mins 40% of the A-Level
Component 2: 2O Democracy and Nazism: Germany, 1918–1945	**Year 12 –** 1918-32 Weimar Germany **Year 13 –** 1933-45 Nazi Germany	Written exam 2 hours 30 mins 40% of the A-Level
Component 3: Non-Examined Assessment (NEA – Coursework)	**Potential Questions:** Black Civil Rights USA 1870-1970 Women's progress UK 1890-1900 US Foreign Policy 1890-1990	4000 word personal study 20% of the A-Level

What can I do with A Level History?

A Level History will provide you with the skills required of an undergraduate - an inquiring mind and the ability evaluate sources, build coherent arguments, and the research skills required to write an extended piece of writing

Law	Politics including the Civil Service and NGOs	Education	Human Resources	Accountancy
Business	Journalism/the Media	Marketing	PR and Sales	Heritage

Edexcel Mathematics A Level

Course Entry Requirement: Grade 7 or above in Mathematics (for A Level Further Mathematics a Grade 8 or above is required)

As well as being a fascinating and intriguing subject that helps you unlock the mysteries of science, technology and statistics, studying Mathematics offers higher earning potential, exciting career opportunities and a grounding in important life skills.

Course Structure

<table>
<tr><td>Paper 1 – Pure Mathematics</td><td colspan="2" rowspan="2">These two papers are both two hours in length and can cover any of the core mathematical content of the course. The two papers are both worth $33.\dot{3}\%$ of your A Level and will cover:
Algebra and Functions
Coordinate Geometry
Differentiation
Integration
Exponentials & Logarithms
Vectors
Trigonometry
Proof
Sequences & Series
Numerical methods</td></tr>
<tr><td>Paper 2 – Pure Mathematics</td></tr>
<tr><td rowspan="2">Paper 3 – Statistics & Mechanics</td><td colspan="2">This paper is also two hours in length and worth $33.\dot{3}\%$ of your A Level. It is split into two sections; section A is Statistics and section B is Mechanics.</td></tr>
<tr><td>Section A will cover:
Statistical sampling
Data presentation and interpretation
Probability
Statistical distributions
Hypothesis testing</td><td>Section B will cover:
Quantities and units in mechanics
Kinematics
Forces and Newton’s Law
Moments</td></tr>
</table>

What can I do with A level Mathematics?

Mathematics is one of the most widely respected subjects to study at A Level and at University. The skills gained can be applied to a variety of careers including:

Actuary	Accountant	Statistician	Stockbroker	Engineer
Meteorologist	Quantity Surveyor	Software Tester	Analyst	Market Researcher
Banking	Teaching	Aircraft Industry	Economist	Astronomer

Information on A Level Further Mathematics and Core Mathematics is available on request

Edexcel Music Technology (A Level)

Course Entry Requirement: By interview - Music/Computing GCSE or prior musical knowledge/experience will be advantageous

This qualification will support students in forming personal and meaningful relationships with music technology through the development of musical knowledge, understanding and skills. These include recording, technology-based composition, listening, analysing and producing.

Students will be encouraged to engage with a wide range of music technology techniques and develop an understanding of the historical and cultural contexts of the use of music technology in the creation and production of music.

This qualification will also allow students to develop particular strengths and interests, encourage lifelong learning and provide access to higher education and university degree courses in music technology and music technology-related subjects and other careers.

Course Structure

Recording	20%	One recording, chosen from a list of 10 songs provided by Pearson, consisting of a minimum of five compulsory instruments and two additional instruments. ● Total time must be between 3 minutes and 3½ minutes. ● Logbook and authentication form must be supplied.
Technology based composition	20%	One technology-based composition chosen from three briefs set by Pearson. ● Total time must be 3 minutes. ● Logbook and authentication form must be supplied.
Listening and Analysing	25%	Exam: ●Section A: Listening and analysing (40 marks) ● Section B: Extended written responses (35 marks)
Producing and Analysing	35%	Exam: ●Section A: Producing and analysing (85 marks) –both written responses and practical tasks. ● Section B: Extended written response (20 marks)

What can I do with A Level Music Technology ?

The A-level provides a sound basis if you wish to proceed to HE courses in Creative Music Technology or other related courses, as well as developing many transferrable skills such as divergent thinking and collaboration. It can lead to careers in composing, studio work, and teaching, as well as related areas in publishing and media. You will also learn to respond effectively to a given brief.

Computing	Maths	Physics	Music Performance	Music Composition
Media	History	Film Studies	Electronics	Business

OCR Physics (A Level)

Course Entry Requirement: Grade 6 or above in Physics and another single science or Grade 7,7 or above in Combined Science. A minimum of a Grade 6 in Mathematics. It is also recommended students study A Level Mathematics.

There are two big questions for Physicists: What is everything made of and why does it behave a certain way?

This course will explain interesting things such as:

- Quarks, leptons, hadrons, mesons etc. and how these link with the structure of an atom.
- What exactly is happening at CERN in Geneva?
- How does a guitar pick-up work?
- How Einstein and Newton weren't right about everything!

Course Structure

The A-Level comprises of 6 modules combined with the practical endorsement	
Module 1	Development of practical skills
Module 2	Foundations in Physics
Module 3	Forces and Motion
Module 4	Electrons, Waves and Photons
Module 5	Newtonian World and Astrophysics
Module 6	Particles and Medical Physics

What can I do with A level Physics?

On completion of the A Level many students elect to enter the world of Physics through different avenues either by progression on to university, a higher level apprenticeship or into a science or technology orientated career . Overall A Level Physics is highly regarded as a good academic qualification by employers and universities.

Medicine	Electrical Engineering	Mechanical Engineering	Electronics	Automotive Engineering
Medical Technology	Finance	Aeronautical Engineering	Metallurgy	Programming

AQA Psychology (A Level)

Course Entry Requirement: Grade 6 or above in Mathematics and Grade 6 in Biology or Grade 6,6 in Combined Science

Psychology is the scientific study of the mind and human behaviour. We try to understand what motivates, challenges or changes us and use this understanding to help us tackle personal and social problems. Psychology explores why we behave the way we do. It helps us to understand the human mind and gives us insight into the motives behind our actions. Through the work psychologists do we have gained a greater understanding of how the mind functions. Due to this, we're able to identify and build awareness around mental disorders. By better understanding disorders, such as obsessive compulsive disorder (OCD), we can help people overcome the challenges they bring. Psychology can help explain why people react differently in the same scenario as well as explain why certain people are more prone to developing mental disorders. The insight you'll gain from your A Level Psychology can help you better understand the people around you. As a result, this will make you more compassionate and give you real-life skills to apply in everyday situations.

Course Structure

Paper	Topics	Assessment
Paper 1: Introductory Topics in Psychology.	Social Influence Memory Attachment Psychopathology	Written exam 2 hours 96 marks in total 33.3% of A-level
Paper 2: Psychology in context.	Approaches in Psychology Biopsychology Research methods	Written exam 2 hours 96 marks in total 33.3% of A-level
Paper 3: Issues and options in Psychology.	Issues and debates **Option topics:** Relationships Schizophrenia Forensic Psychology	Written exam 2 hours 96 marks in total 33.3% of A-level

What can I do with A Level Psychology?

A Level Psychology will provide you with the skills required of an undergraduate - an inquiring mind and the ability to use scientific research findings to support and challenge various claims about why people behave the way that they do.

Psychologist	Human Health and Social Work	Education	Retail / Administrative and Support	Social and Welfare professions
Business and HR	Finance	Marketing	PR and Sales	Legal profession

Sport & Physical Activity (Level 3 Cambridge Technical)

Course Entry Requirement: Grade 5 in Science (separate or combined) or a Grade 5/Merit in a Sport qualification

Sport is currently one of the fastest-growing industries in the UK and offers a huge range of professions in a variety of different areas. These can be from grass-roots level, all the way through to international level, and can focus on improving students' own or other athletes' performance through coaching, fitness training, technology, psychology or nutrition.

Students will study an exciting, inspiring and challenging qualification created to develop transferable skills that are essential for further study. This course is also an ideal foundation for students wanting either to go on to higher education, or aiming to enter the workplace, because of the combination of a theoretical background that's reinforced with practical learning and assessment.

Course Structure

The course is broken down into 6 units; two are assessed through formal exams and four are assessed through controlled assessments that look at applying and evidencing theory through practical means. The units are as follows:	
Unit 1	Body systems and the effects of physical activity - exam
Unit 2	Sports coaching and activity leadership – controlled assessment
Unit 3	Nutrition and diet for sport and exercise – controlled assessment
Unit 4	Sport organisation and development – exam
Unit 5	Sports psychology – controlled assessment
Unit 6	Physical activity for specific groups – controlled assessment

What can I do with a qualification in Sport and Physical Activity?

This level 3 qualification is equivalent to an A Level and can be used for applications to Higher Education or for employment within sports or scientific fields.
Student who have gained the level 3 Cambridge Technical in Sport and Physical Activity have gone on to careers in areas such as;

Sport Science	Physical Education	Sport Coaching	Physiotherapy	Sport an Leisure Management
Sport Administration	Sports Development	Leisure and Recreation	Physical Training Instructor	Leisure Assistant

Travel and Tourism (BTEC)

Course Entry Requirement: GCSE English Language or GCSE Geography at Grade 5

The Pearson BTEC National Extended Certificate in Travel and Tourism is designed for students who are interested in the holiday and leisure industry, which is widely recognised to be the largest commercial service sector in the world. The qualification is equivalent in size to one A Level and is designed to occupy one-third of a typical study programme. Travel sector jobs are projected to grow, as is demand for graduate positions, and this programme will provide you with transferrable skills that will prepare you for the world of work in travel and tourism and beyond. In addition to the fundamental principles of the industry, you will learn about tour planning and development, hotel and hospitality management, and event planning and marketing.

Course Structure

Components	Assessment
Unit 1: The World of Travel and Tourism	A 90 minute written examination set and marked externally
Unit 2: Global Destinations	A task set and marked externally and completed under supervised conditions in a single session of three hours
Unit 3: Principles of Marketing in Travel and Tourism	Coursework (internally assessed)
Unit 4: Visitor Attractions	Coursework (internally assessed)

What Can I Do With Travel and Tourism?

A BTEC in Travel and Tourism will provide you with the skills and knowledge to pursue a number of exciting pathways including undergraduate study, a higher apprenticeship or any of the following careers:

Cabin Crew	Travel Agent	Customer Service	Heritage Officer	Hotel Manager
Hospitality	Cruise Industry	Events Management	Tourist Guide	Transport and Logistics

Enrichment Opportunities

Alongside your studies, being involved in the life of the school will also offer exciting opportunities to expand your skill set. Having the courage to take responsibility for a co-curricular club, signing up for work experience or volunteering at a local primary school will give you the edge when applying for university or employment. These fantastic opportunities develop confident leaders who have the right attributes to work in a team, make decisions and work independently.

Enrichment opportunities are an important and significant area of learning as they provide students with new and challenging experiences. These opportunities allow students to develop new skills, take risks, experiment with new experiences and consequently grow in self-confidence.

Corby Technical School offers a positive, creative environment with high aspirations for all our students.

Enrichment and Personal Development Programme

At Corby Technical School it is our aim to create the most employable students in Corby.

The EPD (Enrichment and Personal Development) Programme helps students to meet the demands of employers by developing their employability skills such as leadership, organisation and management alongside their academic qualifications. The core elements of this programme are delivered through two timetabled lessons each week in year 12, this will provide students with the time to explore the array of wonderful opportunities on offer.

Students are actively encouraged to participate in this programme; they may act as mentors for younger students, support extra curricular activities, volunteer for a charity or at a primary school, or complete work experience.

Extended Project Qualification

The Extended Project Qualification (EPQ) is a Level 3 course taken alongside other qualifications. An EPQ is valued amongst higher education institutions as it demonstrates dedication to independent learning and contributes towards entry requirements at many universities.

An EPQ is an excellent taster of university-style learning as it is effectively an independent research project which can, but does not have to, relate to an A Level subject that is being studied. This is delivered as one lesson each week during our co-curricular programme.

Work Experience

We ensure students have access to many meaningful encounters with employers, through talks, visits and events as well as experiences of various workplaces. During sixth form, career-entry routes are fully explored and explained including apprenticeships and further education opportunities.

All students will have the opportunity to complete work experience; this is a great way to learn more about the world of work and gain valuable skills and experience that will enhance your CV and help you standout.