Eastbrook Sixth Form



Key Stage 5 Options







2027

Headteacher's Welcome

You are about to embark on an exciting and pivotal moment in your academic journey; selecting your options at Key Stage 5. This choice is not just about subjects; it's about shaping your future and paving the way for the opportunities that lie ahead.

As you consider your options, I encourage you to reflect on your passions, interests, and aspirations. What subjects ignite your curiosity? Which subjects make you excited to learn? Remember, A Levels are not just stepping stones to university; they are gateways to discovering your strengths and enhancing your skills. Think about the subjects that resonate with you and align with your future goals.

At Eastbrook we offer a range of Pathways you can study. You can opt for the A Level Pathway, where you will select and study three A Level Subjects. You can opt for a Vocational Pathway, where you can select and study three Vocational Subjects. Or you can opt for a Dual Pathway, where you can select and study a combination of A Levels and Vocational Subjects.

The pathway you select must be what suits you best, it is not essential to do A Levels to get into University. I failed my attempt at A Levels, and then restudied a Vocational Course, which got me into my first choice University. For me, the Vocational Option was the one that best suited my educational needs and interests.

Whatever your future aspirations or dreams, the subjects you select will play a role in shaping your qualifications and experiences, and therefore must be something that you genuinely enjoy, or have a passion for.

As you consider your options, please do so with a sense of excitement and possibility, this is your chance to follow your own path and take leadership of your education.

Stay true to your passions and I wish you the best of luck on the journey ahead.

J Gibson

Jamie Gibson – Head of Secondary School



The Options Timeline

1

Sixth Form Open Evening- 12th November 2026

This is your opportunity to explore the subjects available and ask questions directly to subject teachers.

2

Sixth Form Application Open -12th November 2026

How to apply

All applications are made by accessing this link,
https://eastbrook.applicaa.com/year12

3

Deadline for Applications – 26th February 2027

This is the deadline for applications to the Sixth Form.
Please note that courses may not run if there are insufficient numbers.

4

Finalise Options – GCSE Results Day

On GCSE results Day you will have the option to finalise your option choices based on your results.

Option Blocks

We offer vocational and A Level Subjects. Students can opt for an A Level Pathway, a Vocational Pathway or a Dual Pathway, where they can study a combination of A Level and Vocational subjects.

Option Block 1	Option Block 2	Option Block 3
Biology	Chemistry	Psychology
Physics*	Sociology	Maths
Art & Graphic Communication	History*	English Literature
Religious Studies*	Geography*	Film Studies
Business	Criminology	Health and Social Care
Applied Science (Cannot be taken in combination with Chemistry)	IT	CTEC Sport and Exercise Activity

*Please note subjects can only run if there is sufficient interest.

If there are insufficient numbers for a subject to run, students will be notified and must make another choice within that option block.

Entry Expectations

Vocational Subjects
A minimum of five GCSEs Grade 9-4, including English and/or Maths

A Level Subjects.			
A minimum of five GCSEs Grade 4 – 9, including English and Maths, including the below expectations.			
Art & Design and Graphic Communication	5 in Art / Art Photography	Film Studies / English Literature	5 in English
Biology / Chemistry	5 in Science **and** Maths	Sociology	5 in English **and** Sociology
Physics*	6 in Science and Maths	History / Geography / Religious Studies *	5 in English **and** History, Geography, RS
Maths	6 in Maths	Psychology	5 in Maths **and** English

Eastbrook School Life

The timings of the Eastbrook school day are outlined below:

Secondary School Timings		
8:25am	School gates open	
8:40am – 9:00am	Form Time	20 minutes
9:00am – 10:00am	Period One	60 minutes
10:00am – 11:00am	Period Two	60 minutes
11:00am – 11:25am	Break Time	25 minutes
11:25am – 12:25pm	Period Three	60 minutes
12:25am – 1:25pm	Period Four	60 minutes
1:25pm – 2:10pm	Lunch Time	45 minutes

Excellent attendance and punctuality are extremely important to your success at Eastbrook Sixth Form and beyond. All Sixth Form students are part of a form group, and you will attend registration each morning. During this time, you will undertake a variety of activities linked to your pastoral and academic development, and once a week you will attend a year group assembly.

Your timetable will consist of a mixture of single and double period subject lessons. You will also have a timetabled enrichment session and a personal development session each week. At Eastbrook Sixth Form, we believe it is important that you have all the skills and opportunities needed to do exceptional things when you leave at the end of Year 13, and we are therefore committed to making time for these alongside your academic studies. Some of the enrichment opportunities available include football, netball, cooking, the Extended Project Qualification, a community action group, performing arts, and many more.

Onsite lessons for sixth form students finish at lunchtime.

In your first term at Eastbrook Sixth Form, alongside a tailored induction programme, you will embark on your Level 3 studies immediately. At the end of your first half term, you will complete a learning gateway assessment in each of your subjects. Your attainment in these formal assessments, alongside your attitude to learning, punctuality, and attendance, will be reviewed and you will receive a report. **In circumstances where students are not meeting the expected academic and pastoral standards, their programme of study may be reviewed.**

In some exceptional circumstances, we offer students the opportunity to re-sit ONE subject, either English or Maths. In these cases, admission to your programme of study is subject to attendance at timetabled resit preparation lessons and successful completion of the examination. Only the first examination entry will be paid for by the school, and repeated failure may result in your programme of study being reviewed.

Personal Development & Enrichment

Personal Development

At Eastbrook Sixth Form, we believe that your sixth form experience should be about more than academic success. Alongside your A Level and vocational courses, our bespoke Personal Development (PSHE) programme provides opportunities to develop the knowledge, skills and confidence you need to thrive as a young adult.

Our Year 12 programme covers a range of important life lessons, including time management and organisation, mental health and wellbeing, financial education, consent, healthy relationships and personal safety. These sessions are designed to help you navigate the increased independence and responsibilities that come with sixth form and prepare you for life beyond school.

You will develop essential skills such as managing your workload, prioritising commitments, making informed decisions, looking after your wellbeing and building positive relationships with others. You will also gain practical knowledge to support your transition into university, employment and independent adult life.

Enrichment

Enrichment opportunities are a great way to make the most of your time in sixth form and develop skills beyond the classroom. Taking part in activities such as sports, volunteering, clubs, mentoring or educational trips helps you build confidence, improve communication and develop teamwork and leadership skills.

These experiences allow you to try new things, discover your interests and challenge yourself in different ways. They can also help you make new friends, feel more connected to the school community and create a healthy balance alongside your studies.

Enrichment is also valuable when applying to university, apprenticeships or jobs. It gives you experiences to talk about in personal statements and interviews, helping you stand out from other applicants.

Most importantly, enrichment helps you become more independent, responsible and confident as you prepare for life after sixth form. It's your opportunity to get involved, have fun, develop new skills and make your Year 12 experience even more rewarding!







Art, Design and Graphic Communication

This subject is perfect for students who are passionate about continuing their successful creative practice from their GCSE Art & Design endorsement (Art, Photography, Textiles, Graphics) or other creative GCSE such as DT, in a well-resourced and experienced department. This course will give you foundational degree level art practice skills and strong transferable skills such as decision making, critical thinking, visual presentation, independent thought, self-analysis and communication.

You should study this subject because:

1. You have a strong desire to extend your creative practice with a well-respected qualification.
2. You would like a diverse curriculum that will evidence your creative abilities.
3. This course will teach you how to influence an audience through your own creative ability and will broaden your outlook on a global world.

Summary of the Course:
Students are required to complete a portfolio of practical work, supported by research, critical and analytical annotations and to complete a written Personal Study. The programme of study includes a **real-world design project** in collaboration with a London based **branding agency**. In February, the exam board releases an Externally Set Assignment with a specific theme, which students are required to respond to through personal investigation, preparatory studies and a final 15-hour controlled assessment.

To succeed in this course, you need to be able to:

- Produce evidence of a high-level GCSE portfolio.
- Be open to learning new skills and practices.
- Work independently, under teacher guidance.

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By studying this subject, you will have access to the following career pathways:
Degree or vocational qualification studies in all creative disciplines; career pathways including art, graphic design, media, journalism, fashion and jewelry design, architecture, web design and social media, film and television production and many more! All employers value highly skilled and creative prospective employees, so even if you are not considering a creative career, A Level Art & Design is extremely well respected.

Name of Head of Department: Mr A Nathan

Contact for Head of Department: nathana@eastbrookschool.org

Applied Science Extended Certificate

(1 A Level Equivalent)

This subject is perfect for students who enjoy practical science and learning through real-world applications rather than exams alone. It develops laboratory, analytical, and transferable skills while keeping future options open, supporting progression to university, apprenticeships, or employment in a wide range of science, healthcare, and technical careers.

You should study this subject because:

1. It develops practical, hands-on scientific skills through laboratory work and real-world investigations, helping you understand how science is applied in professional settings rather than only in theory.
2. It builds valuable transferable skills—such as data analysis, problem-solving, teamwork, and communication—that are highly regarded by employers and universities across a wide range of science-related pathways.

Summary of the Course:

The AAQ Pearson BTEC Level 3 National Extended Certificate in Applied Science is a practical, coursework-based qualification covering applied biology, chemistry, and physics. Students learn laboratory techniques, health and safety, data handling, and scientific analysis. Content includes human biology, chemical reactions, materials science, and physics principles, all taught in real-world and industry-related contexts.

To succeed in this course, you need to be able to:

- Carry out practical laboratory work safely and accurately.
- Manage your time well and communicate your work clearly .
- Analyse results, solve problems, and apply scientific ideas to real situations.

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By studying this subject, you will have access to the following career pathways:
Degrees in biomedical science, applied biology, chemistry, environmental science, forensic science, sports science, or psychology; apprenticeships as a laboratory technician, healthcare science practitioner and engineering or environmental science apprenticeships.

Name of Head of Department: Mrs K Brook

Contact for Head of Department: brookk@eastbrookschool.org

Biology

This subject is perfect for students who have a curiosity about the world we live in and how that relates to your health, affects your genetic make-up, influences the way we think and how organisms respond to the environment that we are in. Whether you take an interest in plants, the environment, how the body functions, what makes you unique, and study life, then Biology is for you.

You should study this subject because:

1. You will gain a deeper understanding and develop your skills to make connections and associations with all living things.
2. You will enhance transferrable skills in critical thinking, observation, communication, planning, organisation and scientific skills
3. You will gain broad knowledge of the subject which allows for you to delve deeper into areas of interest

Summary of the Course:
This A Level course is comprised of 2 years of study . Throughout the course you will carry out practical activities including:
• dissection of animal or plant systems
• aseptic technique to study microbial growth
• investigating activity within cells and microscopy
• investigating distributions of species in the environment and animal behaviour.
There are three exams at the end of the two years for A-level. There is no coursework, but the exams will assess what you learned in your practical's.

To succeed in this course, you need to be able to:
- Collect and analyse data
- Communicate your ideas effectively
- Have the passion to read deeper around the subject
- Have scientific curiosity

Scan the QR code to access the Specification

By studying this subject, you will have access to the following career pathways:
Through the study of Biology, a breadth of careers are available for you to explore ranging from well-known biological routes such as Medicine, Dentistry , Biomedical Science and Genealogy, to lesser-known Biological careers including marine biology, veterinary, conservation, agriculture, biotechnics, psychology, sports science, research and journalism just to name a few. The possibilities are endless!

Name of Head of Department: Mrs K Brook

Contact for Head of Department: brookk@eastbrookschool.org

Business Studies Extended Certificate

(1 A Level Equivalent)

The Pearson BTEC Level 3 National Extended Certificate in Business is a hands-on course that feels very different to traditional A levels. It's equivalent to one A level and is ideal if you like learning through real examples, not just exams. You'll learn how businesses work, how they market products, manage money and recruit staff. At Eastbrook, you'll also study Unit 14: Investigating Customer Service, where you look at how businesses keep customers happy and deal with problems in real situations. Assessment is a mix of coursework and exams. The course prepares you well for university, apprenticeships or a job in business.

You should study this subject because:

- You learn through real businesses and real situations, not just theory. It feels practical and useful.
- The mix of coursework and exams suits students who don't want everything to depend on one final test.
- It keeps your options open. You can progress to university, apprenticeships or straight into work.

Summary of the Course:

Equivalent to **one A level**
4 units studied over the course
2 externally assessed exam units

- Unit 2: Developing a Marketing Campaign
- Unit 3: Personal and Business Finance

2 internally assessed coursework units

- Unit 1: Exploring Business
- Unit 14: Investigating Customer Service

Learning is based on **real businesses and realistic scenarios**
Prepares you for **university, apprenticeships or employment**

To succeed in this course, you need to be able to:

To succeed in this course, you need to be organised, manage your time well and meet deadlines. You should be ready to revise for exams and explain your ideas clearly using business examples. Working independently and staying consistent makes a big difference.

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By studying this subject, you will have access to the following career pathways:
Business will give you the skills, knowledge and understanding needed to progress to Higher Education in subjects such as Business, Business Management, Marketing, Finance, Economics or Accounting. It also keeps your options open for non-business degrees or employment, including roles where you continue learning through training or apprenticeships.

Name of Head of Department: Mr F Miah

Contact for Head of Department: miahf@eastbrookschool.org

Chemistry

This subject is perfect for students who have a keen interest in developing critical skills such as problem-solving, analytical thinking, and practical laboratory techniques. Additionally, the subject offers insight into the natural world, helping students appreciate the role of chemistry in everyday life and global challenges like sustainability and healthcare.

You should study this subject because:

1. You want a career in the science industries, medicine, teaching, catering & many other fields.
2. You wish to gain the skills and understanding to make decisions about the way chemistry affects your everyday life.
3. You want an A-Level that is highly respected by both employers and universities
4. You want to develop an interest and enthusiasm for chemistry, including developing an interest in further study.

Summary of the Course:

This A Level course is comprised of 2 years of study and has three exams at the end of the course.

Topics covered:

• Organic chemistry (including synthesis and analysis).

• Physical chemistry (including a mathematical approach to energetics, reaction rates and equilibria).

• Inorganic chemistry (including transition elements and group chemistry).

• Practical activities, no coursework, however your performance during practical's will be assessed.

To succeed in this course, you need to be able to:

- Have an interest in Chemistry and be keen on practical work and problem solving
- Have the passion to read deeper around the subject
- Have scientific curiosity

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By studying this subject, you will have access to the following career pathways:

Studying an A-level Chemistry related degree at university gives you all sorts of exciting career options, including: • Analytical chemist • Chemical engineer • Clinical biochemist • Pharmacologist • Doctor • Dentist • Veterinary surgeon • Pharmacist • Research scientist (physical sciences) • Toxicologist • Chartered certified accountant • Environmental consultant • Science writer • Secondary school teacher.

Name of Head of Department: Mrs K Brook

Contact for Head of Department: brookk@eastbrookschool.org

Criminology
(1 A Level Equivalent)

This subject is perfect for students who are interested in the scientific study of criminal behaviour, on individual, social and biological levels, and how it can be managed, controlled and prevented. This course will enable you to use theories of criminality to analyse criminal situations and make recommendations for policy. You will develop the knowledge and skills to research policy in practice, assess campaigns for changes in awareness and examine information to review verdicts in criminal cases.

You should study this subject because:

1. You want a deeper understanding of the criminal justice system and related concepts and theories

2. You want the chance to understand criminals and their behaviour, but also to make a positive change in society

3. You want to resolve criminality and have a passion to help those affected by it

Summary of the Course:
This course comprises of four units in total, two internally assessed units and two externally assessed units.

Units 1 and 2 are studied in the first year and units 3 and 4 are studied in year 2.

Unit 1 Changing Awareness of Crime
Unit 2 Criminological Theories
Unit 3 Crime Scene to Courtroom
Unit 4 Crime and Punishment

To succeed in this course, you need to be able to:
Work Independently: Manage tasks and meet deadlines with minimal supervision.
Collaboration and problem solving: Working with others to seek solutions
Critical thinking: Make judgments and form your own arguments

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By studying this subject, you will have access to the following career pathways:
Criminal Justice System - Police Officer, Crime Scene Investigator, probation officer, Victim Support Worker, Youth Offender Officer
Law - Legal Assistant, Court Clerk, Solicitor / Barrister
Public Sector - Crime Data Analyst, Policy Advisor, Home Office / Government Analyst

Name of Head of Department: Ms A Ettridge

Contact for Head of Department: ettridgea@eastbrookschool.org

English Literature

This subject is perfect for students who want to immerse themselves in literary masterpieces. It provides deep insights into human experiences, promoting critical thinking, empathy, and effective communication. This subject is highly esteemed for its academic standing among universities, improving language skills through thorough textual analysis.

You should study this subject because:

1. It builds essential skills that are sought after in the professional world.
2. It encourages critical thinking, analytical skills, and effective communication, creating storytellers and perceptive interpreters of cultural differences.
3. The comprehensive understanding of language, narrative structures, and different genres equips you for a variety of career paths.

Summary of the Course:

- **Unit 1: Drama**

Extended analysis of one 20th century Drama text and one Shakespeare play.

- **Unit 2: Prose**

A comparison of two supernatural texts, one from the 19th century and one from the 20th century

- **Unit 3: Poetry**

Study of one poet in depth and a collection of modern poetry

- **NEA: Coursework**

To succeed in this course, you need to be able to:

- Critically analyse and interpret literary texts.
- Analyse arguments and evaluate evidence.
- Develop empathy by understanding diverse viewpoints.

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By studying this subject, you will have access to the following career pathways:
Whether looking at roles in publishing, journalism, content creation, marketing, or education, English Literature students will have the ability to craft compelling narratives and adapt to different communication styles. Beyond traditional careers, the creative and analytical skills gained prepare you for roles in digital media, advertising, and even entrepreneurship, where the power of storytelling is essential.

Name of Head of Department: Miss R Pearson

Contact for Head of Department: pearsonr@eastbrookschool.org

Film Studies

This subject is perfect for students who have a passion for film and cinema and want to learn about its rich history. In A-Level Film studies you will engage with films in different forms and contexts, while understanding how what is made for the screen can relate to our everyday 'real' lives. Students who are creative, critical and analytical will thrive in studying A-Level film.

You should study this subject because:

1. It offers a chance to watch and appreciate a diverse range of films.
2. You can develop your creative and academic skills, with the opportunity to analyse film and create aspects of it.
3. Dagenham is home to one of the largest film Studios in the world (Eastbrook Studios)- so studying film has never felt so relevant!

Summary of the Course:

- Unit 1: Film History

Study of 3 US Films and 2 European Film movements from a range of historical periods.

- Unit 2: Critical Approaches to Film

Study of a range of films, to which critical theories are applied e.g. Documentary, Non-English Language, Contemporary British.

- NEA: Coursework

A study of short films after which students create either a short film or write a screenplay for film.

To succeed in this course, you need to be able to:
Appreciate films and develop your own personal responses to them.
Analyse films and apply critical theory to them.
Apply your knowledge of film production and the film industry in your NEA coursework.

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By studying this subject, you will have access to the following career pathways:
Studying an A-level in Film gives you all sorts of exciting career options, including: • Careers in Film/T.V Production such as a scriptwriter or presenter – or maybe in production as an editor or cinematographer •Careers in Writing such as Journalism, Magazine writing or film criticism • Jobs in Advertising and Marketing • Roles in Business and Social Media

Name of Head of Department: Ms M Wood

Contact for Head of Department: woodm@eastbrookschool.org

Geography

This subject is perfect for students who want to confront the defining global crises of our generation and design practical solutions for a sustainable tomorrow. It is perfect for students who enjoy blending scientific data handling with humanities-style essay writing. You should have a genuine interest in the natural world, sustainability, international politics, and how humans interact with their environment.

You should study this subject because:

1) You will tackle real, urgent global issues facing our planet today, from climate change and natural hazards to globalisation and sustainability.
2) You will develop a highly employable skillset.
3) It offers an opportunity to take control of your own geographical research

Summary of the Course:
Component 1: Physical Geography (40%) – Examines water and Carbon Cycles, alongside optional modules like Hazards and Coastal Systems.
Component 2: Human Geography (40%) – Examines changing Places and Global Systems/Governance, alongside an option like Contemporary Urban Environments.
Component 3: Geography Fieldwork Investigation (20%) – A 3,000-to-4,000-word independent project (NEA)

To succeed in this course, you need to be able to:
Think like a Geographer and write well-structured and evaluative essays connecting physical and human topics synoptically. You will also need to analyse complex data and apply statistical tests and be independent and self-motivated enough to manage your own fieldwork.

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By studying this subject, you will have access to the following career pathways:
You will have access to a vast and diverse range of career pathways across both the environmental sciences and business sectors. As Geography builds high-level transferable skills in data analysis, report writing, and spatial thinking, it is highly valued by global employers. Career pathways include Environmental Consultant, Sustainability Manager, Renewable Energy Advisor, Town Planner, Housing Policy Officer, Transport Network Manager, Civil Service, Environmental Lawyer and many more!

Name of Head of Department: Mrs S Sculthorp

Contact for Head of Department: Sculthorpes@eastbrookschool.org

Health and Social Care AAQ

(1 A Level Equivalent)

This subject is perfect for students who are interested in learning about the health and social care sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in health and social care-related subjects. Throughout the Health and social care course, students will be learning about human lifespan, human biology, safe environments in health and social care settings and principles of health and social care.

You should study this subject:

1. To develop your understanding on how professionals provide care for service users with different needs.
2. To understand how to deliver care safely in a variety of health and social care settings including hospital, residential home, day care centre etc.
3. To focus on how to support individuals through mental health conditions, learning disabilities and physiological conditions.

Summary of the Course:
The qualification will provide students with an excellent and advanced level of knowledge within Health and Social Care sector and will be assessed through:

- **X 2 examined units** – Human lifespan and Human biology
- **X2 coursework units** – Promting Health education and principles of health and social care

To succeed in this course, you need to be able to:
Apply theory to real-world examples, critical thinking skills, analysis skills, independent study skills, note taking skills, and exam techniques are all essential aspects that can be developed through this course.

Scan the QR code to access the Specification

By studying this subject, you will have access to the following career pathways:
Overall, studying Health and social care can be both fulfilling and impactful, allowing students to contribute positively to society whilst building a meaningful career. By studying this course, students will open the gateway to a variety of career options in the health and social care sector. These include, nursing, social worker, mental health nurse, midwife and many more!

Name of Head of Department: Mrs F Khan

Contact for Head of Department: khanf@eastbrookschool.org

History

This subject is perfect for students who want to further their historical study and draw meaning from the stories, lives and events that may have existed in "the past" but have indeed shaped the world that we live in today. History is ideal If you enjoy the challenge of asking inciteful questions, following your own lines of enquiry, and interrogating evidence.

You should study this subject because:

Studying A Level History will allow you to develop and nurture your curiosity, think critically, and develop a range of important skills. At Eastbrook you will work in an environment where you will communicate and wrestle with historical controversy and follow your own line of enquiry in a research project that reflects your own historical interests and curiosities.

Summary of the Course: OCR H505

Unit 1 option Y106: England 1485-1558: The early Tudors (Enquiry topic: Mid Tudor crisis 1547-1558)

Unit 2 option Y221: Democracy and dictatorships in Germany 1919-1963

Unit 3 From Colonialism to Independence: The British Empire 1857-1965

Unit 4 Historical Enquiry- topic based essay (personal choice)

To succeed in this course, you need to be able to:

Asking interesting and purposeful questions and undertake independent lines of enquiry.
Engage in healthy debate by substantiating opinions and challenging others.
Read around the topic at home as well as academic materials provided as part of the course.

Scan the QR code to access the Specification

By studying this subject, you will have access to the following career pathways:

History is valued by educational institutions and employers alike. There are many careers and pathways that require the key skills that you will develop as a GCSE historian: law, medicine, accountancy, politics, journalism and media research, law enforcement- (The police and forensic work), business management, banking and economics, travel and tourism industry, psychology and social work, teaching, archaeology and research.

Name of Head of Department: Ms N Malik / Ms R Godfrey

Contact for Head of Department: malikn@eastbrookschool.org / godrefyr@eastbrookschool.org

OCR Level 3 Cambridge Advanced Nation in IT: Data Analytics

This subject is perfect for students who enjoy working with data, technology and problem-solving. It suits those who like practical tasks, logical thinking and using digital tools rather than purely written work. It's a good choice if you're organised, curious and interested in careers linked to IT, data or business.

You should study this subject because:

1. Practical data skills – Learn how to collect, analyse and present data using real digital tools.
2. Future-ready course – Builds skills for university, apprenticeships and careers in IT and data.
3. In-demand knowledge – Explore data modelling, big data concepts and modern technologies.

Summary of the Course:

The **OCR Level 3 Cambridge Advanced National in IT: Data Analytics** is a practical course focused on how data is collected, analysed and used in real organisations. Students learn to work with spreadsheets, databases and digital tools to solve problems and support decision-making. The course includes a mix of coursework and examined units and develops skills needed for university, apprenticeships and careers in IT, data and business.

To succeed in this course, you need to be able to:

- **W**ork accurately with data, checking your work and following methods step by step
- Manage your time well, keeping on top of coursework and preparation for exam units
- Think logically and explain what your data shows using clear written and digital formats

Scan the QR code to access the Specification

By studying this subject, you will have access to career pathways such as Data Analyst, Business Analyst, IT Support Specialist and Digital Marketer. These roles use data and technology to support decision-making, improve systems and help organisations work more effectively across the growing IT and data sectors.

Name of Head of Department: Mr F Miah

Contact for Head of Department: miahf@eastbrookschool.org

Maths

This subject is perfect for students who enjoy problem-solving and logical reasoning. It is particularly suited to those who enjoyed and excelled in GCSE Math's, as the course builds on foundational concepts and introduces more complex topics such as calculus and logarithms. The course also appeals to those who value logical structure and enjoy tackling challenging problems.

You should study this subject because:

1. It will enhance your logical thinking and problem-solving abilities, useful in both academic and everyday life.
2. A strong understanding of math's at A-level opens doors to further study in science, technology, engineering, and mathematics (STEM) fields.
3. Careers in finance, technology, engineering, and healthcare require a strong foundation in math's.

Summary of the Course:

Content overview for Pure Mathematics:

Proof, Algebra and functions, Coordinate geometry in the (x, y) plane, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Numerical methods & Vectors.

Content overview for Statistics and Mechanics:

Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions, Statistical hypothesis testing, Quantities and units in mechanics, Kinematics, Forces and Newton's laws & Moments.

To succeed in this course, you need to be able to:

- Demonstrate mathematical curiosity
- Work independently, under teacher guidance.
- Stay motivated and be well organised

Scan the QR code to access the Specification

By studying this subject, you will have access to the following career pathways:

Studying maths helps you build strong problem-solving and analytical skills, which are useful in many careers like engineering, finance, and data science. Math's is the backbone of technology, supporting areas like coding, software development, and artificial intelligence. It also improves your logical thinking and attention to detail, which are important in business, healthcare, and research. Through math's mastery, you'll be better prepared to tackle real-world challenges and open doors to exciting and high-demand career opportunities that are typically very well paid.

Name of Head of Department: Mrs O. Ogunlesi

Contact for Head of Department: ogunlesio@eastbrookschool.org

Psychology

This subject is perfect for students who...
Ever wondered if prison really does change criminal behaviour, or why some people conform, or perhaps if the experiences you had before the age of five really do shape the person you are today.

You should study this subject because:

1. It 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.
2. Psychology is directly relevant to everyday life, e.g. in understanding relationships, mental health and societal issues, making the subject not only interesting but also practical.
3. By the end of the course, you will understand the science behind human behaviour, thoughts and emotions. You'll recognise what motivates people, as well as the biological, social and cognitive driving forces behind certain types of behaviour.

Summary of the Course:

Year 12

1. Memory
2. Social influence
3. Research methods
4. Attachment
5. Clinical Psychology and Mental Health
6. Biopsychology
7. Approaches

Year 13:

1. Issues and debates
2. Relationships
3. Eating Behaviour
4. Aggression

To succeed in this course, you need to be:

- Confident with science e.g. genetics, methods of investigation
- Curious, willing discussion a range of topics and ask questions in group setting
- Be critical in what you're learning and in your line of arguments

Scan the QR code to access the Specification

By studying this subject, you will have access to the following career pathways:

- Sports – helping athletes to build mental strategies to improve their performance and handle pressure.
- Education – studying child development and helping children experiencing difficulties with their education.
- Clinical and counselling – treating people with mental health needs.
- Criminal Justice System – involving work with offenders and/or victims, with policy and/or law enforcement agencies.
- Neuropsychology – studying how the physical function of the brain affects the way we behave and helping to treat people suffering from brain injuries.

Name of Head of Department: Ms A Ettridge

Contact for Head of Department: ettridgea@eastbrookschool.org

Physics

This subject is perfect for students who...
enjoy solving problems, asking big questions, and understanding how the world really works. A-level Physics suits curious, motivated learners who like maths, practical experiments, and want strong skills for science, engineering, and future careers

You should study this subject because:

1. It keeps your future options open. Physics is respected by universities and employers and can lead to many careers, including engineering, medicine, and computing.
2. It helps you understand how the world works. You learn why things happen, not just facts, making everyday technology easier to understand.
3. You should study this course because it builds valuable skills. A-level Physics develops maths, problem-solving, and logical thinking skills useful in many careers.

Summary of the Course:

A-level Physics is a challenging but interesting course that explains how the universe works, from tiny particles to massive stars. You study topics like forces, electricity, waves, mechanics, and space, while improving your maths and problem-solving skills. The course includes practical experiments and prepares you well for university, apprenticeships, and careers in science, engineering, technology, and many other areas

To succeed in this course, you need to be:

- Confident with maths and willing to use equations to solve problems.
- Curious and interested in understanding how and why things work.
- Organised and resilient, as the course is challenging and requires regular practice and revision.

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By studying this subject, you will have access to the following career pathways:
Engineering (mechanical, electrical, civil, aerospace), medicine and healthcare, Computer science, software development, and data science, physics, astronomy, and scientific research, architecture and design Renewable energy and environmental science, finance, analytics, and engineering-based apprenticeships

Name of Head of Department: Ms K Brook

Contact for Head of Department: brookk@eastbrookschool.org

Sociology

This subject is perfect for students who wish to develop a wide range of knowledge and understanding about society at a global level (locally and globally), focusing on how sociologists' study and understand its structures, processes and issues. Sociology helps us understand the importance of social context, explore theories which question how society is structured and debate potential solutions to social problems.

You should study this subject because:

1. It is an interesting and exciting subject that is highly relevant to the lives of students at Eastbrook school.
2. It helps students better understand the barriers they may face, equipping them in overcoming those barriers
3. It allows students to critically question the world they live in; fostering conversation on justice, fairness and equality

Summary of the Course:

Year 12:
1. Education
2. Research Methods
3. Families and Households

Year 13:
1. Beliefs
2. Crime and Deviance
3. Theories and Methods

To succeed in this course, you need to be:

- Interested in the world around us, keeping up to date with current events and the news
- Curious, willing discussion a range of topics and ask questions in group setting
- Be critical in what you're learning and in your line of arguments

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By studying this subject, you will have access to the following career pathways:
Education & Community Work - Teacher, Youth Worker, Community Support Officer
Public Services - Policy Advisor, Civil Servant, Social Worker, Social Policy Analyst
Media - Journalist, Social Media Manager, PR Officer
CJS and Law – Police Officer, Probation Officer, Legal Assistant, Court Clerk, Solicitor / Barrister

Name of Head of Department: Ms A Ettridge

Contact for Head of Department: ettridgea@eastbrookschool.org

Sport and Physical Activity
(1 A Level Equivalent)

This subject is perfect for students who wish to develop a range of knowledge and understanding of Sport and Physical Activity. The course allows students to develop the practical knowledge and skills to progress within the sporting sector.

You should study this subject because:
1.You have an interest in a subject which covers a wide range of topics and covers both the scientific side of sport as well as the socio-cultural elements of sport and sports development.
2.You want to develop your coaching skills and leadership qualities which can transfer into any career.
3.You have the ability to complete both externally set exams as well as internally assessed coursework

Summary of the Course:

The CTEC Level 3 Course is made up of 5 units which are both Internally in the form of coursework and Externally assessed in the form of written exams.
Unit 1 –Body Systems and Effects of exercise
Unit 2 – Sports Coaching and Leadership (I)
Unit 3 – Sports Organisation
and Development (E)
Unit 8 – Organisation of Sports Events (I)
Unit 17 – Sports injuries and rehabilitation (I)

To succeed in this course, you need to be able to:
Collaboration and problem solving: Working with others to plan and deliver events
Work Independently: Manage tasks and meet deadlines with minimal supervision.
Leadership skills: Be able to lead others within and group and work with younger students

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By studying this subject, you will have access to the following career pathways:
This will give you the opportunity to enter employment in the sport sector or to progress to higher education in sport-based subjects. Students have the option to go into Sports Coaching Apprenticeships, Degrees in Sports Coaching, Sport PE and Development, Physical Education, Sport Science and Sports Therapy. This course will help to develop transferable skills such as decision making and independent thinking which are useful to all different career choices

Name of Head of Department: Mr N Barratt

Contact for Head of Department: barrattn@eastbrookschool.org

Religious Studies

This subject inspires students to explore life's biggest questions, challenge their thinking, and deepen their understanding of the world around them. Through the study of philosophy, ethics, and religion, students develop the confidence, critical thinking, and communication skills needed to make a meaningful impact in their future studies and careers.

You should study this subject because:

1.Develop critical thinking and debate skills A Level Religious Studies encourages students to explore big questions about God, morality, justice, human rights, and the meaning of life. Students learn how to analyse different viewpoints, evaluate evidence, and construct well-reasoned arguments.

2. Understand the world around you The course examines religious beliefs, ethical issues, and philosophical ideas that influence societies and cultures worldwide. Topics such as abortion, euthanasia, war, crime and punishment, and religious beliefs help students engage with contemporary issues.

Summary of the Course:

Component 1: Study of a Religion (Christianity): Beliefs, teachings, history and practices.

Component 2: Philosophy of Religion : Arguments about God, religious experience and suffering.

Component 3: Religion and Ethics: Ethical theories, moral decisions and contemporary issues.

To succeed in this course, you need to have:

- Strong **reading and comprehension** skills
- An interest in **debating and discussing ideas**
- The ability to **analyse and evaluate arguments**
- Good **written communication** and essay-writing skills

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By studying this subject, you will have access to the following career pathways:
A Level Religious Studies develops valuable transferable skills, including critical thinking, communication, problem-solving and constructing persuasive arguments. You will learn to analyse different perspectives, debate complex issues and make informed decisions. These skills are highly valued by universities and employers and provide an excellent foundation for careers in Law, Politics, Business and Management, Social Work, Teaching, the Civil Service and Journalism

Name of Head of Department: Ms Choudhury

Contact for Head of Department: choudhuryz@eastbrookschool.org

My Notes

Subject 1:
Main skills developed:
Content highlights:
Career links:

Subject 2:
Main skills developed:
Content highlights:
Career links:

My Notes

Subject 3:
Main skills developed:
Content highlights:
Career links:

Subject 4:
Main skills developed:
Content highlights:
Career links:

Additional Notes and Questions

School Information

Eastbrook School
Dagenham Road
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Option 2. Secondary Reception
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Further information can be found on our School Website:
www.eastbrookschool.org