Enfield Grammar School

Post 16 Subject Information

Prestigious Past; Bright Future



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Welcome *to* Grammar



Mr Lamb
Headteacher



We are a school whose tradition and history can be felt the moment you step into the building. Our long-standing motto “Tant Que Je Puis” (As Much As I Can), is one which helps to shape our vision and our hopes for the young people we educate.

We are a non-selective comprehensive school situated in the London Borough of Enfield. Our Sixth Form is a mixed cohort (boys and girls) comprising of approximately 230 students.

Our excellent A Level results for 2025 put us in the top 25% of schools nationally with 77% of students accepting their first choice of university. Our collaboration with Enfield County School means we offer an unrivalled range of subjects. All students joining us in Year 12 will be given a brand new Google Chromebook to support their studies.

At Enfield Grammar Sixth Form our aim is for all our students to leave with the highest possible outcomes in their chosen subject areas and to progress to the best that Higher Education, Apprenticeships or other pathways have available for each individual; students are able to select from an academic, vocational or mixed pathway.

Working together, we will build them a wide and varied portfolio of skills and experience, combined with academic success, which will benefit them when applying for jobs or university. The Sixth Form is not the final destination for our students and we invest into the progression of students beyond from the start of the application process. We use VESPA (Vision, Effort, Systems, Practice, Attitude) as a way to communicate and share this aim with students and parents.

We look forward to meeting you as either a prospective new student or as a current student working towards your next steps. Please scan the QR code to access our online application form.

PASSION

Pursuing Our Interests with Enthusiasm and Love

RESILIENCE

Overcoming Challenges and Bouncing Back Stronger

INTEGRITY

Acting with Honesty and Strong Moral Principles

DETERMINATION

Committing to Goals Despite Obstacles

EMPATHY

Understanding the Feelings of Others

Choosing *the* Right Courses



About Our Courses

We work closely with students to match their interests, GCSE results and career aspirations with the right A Level and/or BTEC courses, supporting progression to university, apprenticeships or employment.



Enfield Grammar School offers a wide range of A Level and vocational qualifications. A Levels are primarily assessed through examinations at the end of Year 13, while vocational courses combine external and internal assessment. Most students study three A Levels or an equivalent vocational programme, depending on their GCSE results and subject choices.

Subjects are organised into option blocks to enable effective timetabling. These are provisional during the application process and may be adjusted to accommodate students' choices. Our partnership with Enfield County School further supports this flexibility. However, we cannot guarantee that every first choice will be available or that courses with insufficient demand will run. Final option blocks are confirmed in the summer term.

Entry Requirements

A Level courses: At least five GCSEs at grade 5 or above, including English Language and Mathematics, alongside any additional subject-specific requirements.

Level 3 BTEC courses: At least five GCSEs at grade 4 or above, including grade 4 in either English Language or Mathematics.

Block A	Block B	Block C	Block D	Block E
Economics	Maths	Economics	Government & Politics	GCSE Retake English
Maths	Chemistry	History	Psychology	GCSE Retake Maths
Physics	Business	Further Maths	Biology	
Geography	Music	Music Technology	Computer Science	
Digital Media (Level 3)	English Literature		Media	
Applied Science (Level 3)	Medical Sciences (Level 3)	IT (Level 3)	Finance (Level 3)	Sport (Level 3)

Subject Information



Subject Entry Requirements

Subject	GCSE Grade Criteria
Applied Science (BTEC L3)	Grade 4-4 in Science
Biology A Level	Grade 6-6 in Science
Business Studies A Level	Grade 5 Business Studies or English
Chemistry A Level	Grade 6-6 in Science
Computer Science A Level	Grade 6 in Computer Science
Digital Media OCR L3 Cambridge Technical	5 GCSEs grades 9-4
Economics A Level	Grade 6 in English and Maths
English Literature A Level	Grade 6 in English Literature
Financial Studies Diploma (DipFS, L3)	5 GCSEs grades 9-4
Geography A Level	Grade 6 in Geography
Government and Politics A Level	Grade 6 in English or a humanities subject
History A Level	Grade 5 in History
Information Technology (BTEC L3)	5 GCSEs grades 9-4
Mathematics A Level	Grade 6 in Mathematics
Further Mathematics A Level	Grade 8 in Mathematics
Media Studies A Level	Grade 5 in Media or Grade 5 English
Medical Sciences (BTEC L3)	Grade 4-4 in Science
Music A Level	Grade 6 in Music
Music Technology A Level	Grade 5 in Music
Physics A Level	Grade 6-6 in Science
Psychology A Level	Grade 6 in Science and English
Sport (BTEC L3)	Grade 4 in PE (if studied at GCSE)

Applied Science

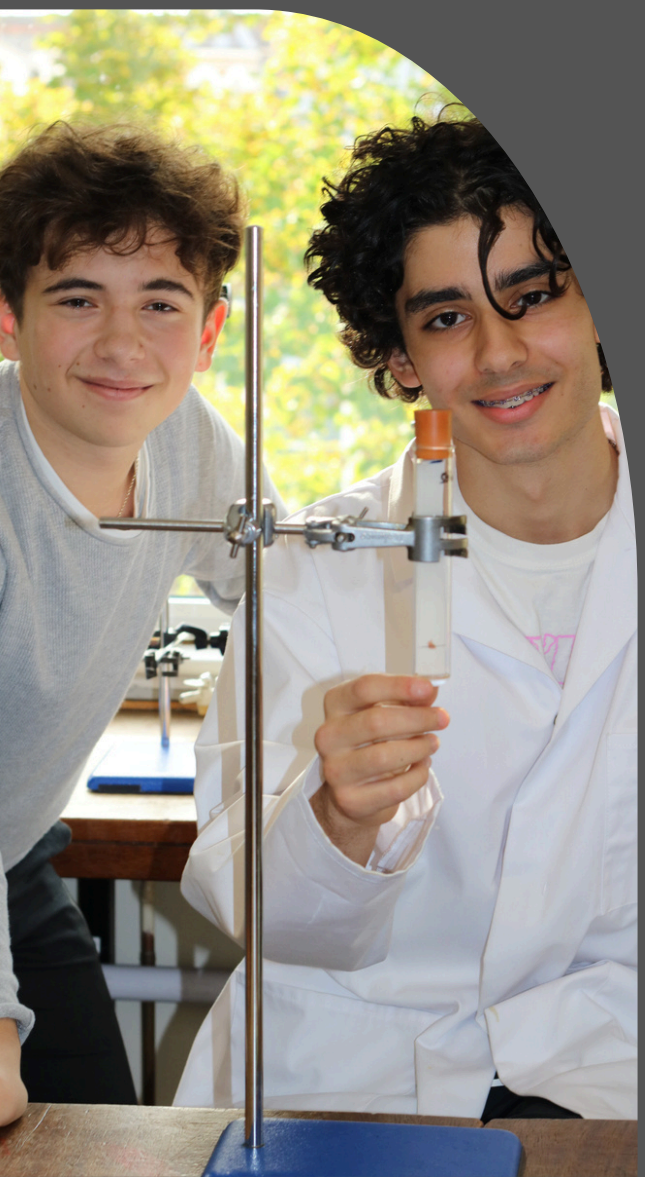
BTEC LEVEL 3

Examination Board: Pearson Edexcel

Course Code: 610/3965/2

Course Content

This two-year qualification offers an exciting, practical approach to science, combining theoretical knowledge with laboratory skills and scientific investigation. Students explore biology, chemistry and physics, developing an understanding of scientific principles and their applications. Topics may include biomedical science, microbiology, chemical analysis and forensic science.



Course Modules

Unit 1: Principles and Applications of Science I
Explore key concepts in biology, chemistry and physics and apply scientific principles to problems.

Unit 2: Practical Scientific Procedures and Techniques
Develop laboratory skills, use scientific equipment safely and carry out practical procedures.

Unit 3: Science Investigation Skills
Plan investigations, analyse data, evaluate results and draw scientific conclusions.

Unit 4: Laboratory Techniques and Their Application
Learn laboratory methods used in scientific analysis and develop accuracy in practical work.

Unit 5: Principles and Applications of Science II
Build on core knowledge in biology, chemistry and physics, applying concepts to more complex problems.

Unit 6: Investigative Project
Complete an independent scientific project involving research, investigation, data analysis and evaluation.

Unit 7: Contemporary Issues in Science
Investigate current scientific issues and evaluate their impact on society.

Optional Units: Areas of Specialism

- Biomedical Science: Explore physiology, genetics, microbiology, and disease.
- Analytical and Forensic Science: Study chemical analysis and forensic evidence.
- Physical Science: Investigate materials, electrical circuits, astronomy and medical physics.

Assessment

Assessment	Description
Exam	Written examinations assessing scientific knowledge and understanding across biology, chemistry and physics.
Coursework Practical Assessment	Internally assessed assignments, practical activities, scientific investigations, project work and research.
Optional Units	Assessment through coursework and practical tasks related to the chosen area of science.

Opportunities

The course develops practical, analytical and problem-solving skills, preparing students for higher education and employment. Students gain experience in scientific procedures, interpreting data, conducting investigations and communicating findings. The qualification is equivalent in size to three A Levels and can support progression to relevant university courses.

Future Careers

Applied Science can lead to further study and careers in biomedical science, laboratory work, forensic science, healthcare, pharmaceuticals, scientific research and environmental science. It also provides a foundation for a range of science-related degree courses and technical careers.



Other Subjects

This course complements other subjects such as Mathematics, IT or Computing, Health and Social Care, and Physical Education, depending on students' future goals and interests.

Biology

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7402

Course Content

Biology is the study of life, from the microscopic molecules that make up living cells to the complex organisms and ecosystems that shape our world.

A Level Biology at Enfield Grammar School explores the fascinating processes that allow living things to function, grow and evolve. You will develop an understanding of how the human body works, how organisms interact with their environment and how scientific advances are changing our understanding of life.

You will study biological molecules, cells, how organisms exchange substances with their environment, genetic information, variation and evolution. You will also explore energy transfers, how organisms respond to changes in their internal and external environments, populations, ecosystems and the control of gene expression.

The course combines theoretical knowledge with practical investigation, developing your scientific curiosity, analytical thinking and problem-solving skills. It is an excellent choice for students interested in science, medicine and the natural world.

Course Modules

- Biological Molecules
- Cells
- Organisms exchange substances with their environment.
- Genetic information, variation and relationships between organisms.
- Energy transfers in and between organisms.
- Organisms respond to changes in their internal and external environments.
- Genetics, populations, evolution and ecosystems.
- The control of gene expression.



Assessment

Paper	Duration	Weight	Outline
Paper 1	2hrs	35%	Covers Topics 1–4 across 91 marks, featuring short and long-answer questions plus an extended response
Paper 2	2hrs	35%	Covers Topics 5–8 across 91 marks, featuring short and long-answer questions plus a comprehension question.
Paper 3	2hrs	30%	Covers all Topics 1–8 across 78 marks, including structured practical questions, data analysis, and a choice of essay.

Opportunities

By the end of the course, you will be able to:

- Think scientifically and critically
- Analyse experimental results and data
- Communicate complex ideas clearly
- Apply biological knowledge to unfamiliar situations
- Understand ethical and societal impacts of scientific advances

These skills support careers in medicine, research, veterinary science, biochemistry, pharmacy, biotechnology, environmental science, psychology, and more.

Future Careers

Studying A Level Biology can lead to many exciting pathways. It is especially valuable for careers in science, healthcare, and the environment. Many students go on to study subjects such as Medicine, Dentistry or Veterinary Science.

Also consider:

- Biomedical Science / Biochemistry
- Nursing, Midwifery or Paramedicine
- Physiotherapy and Sports Science
- Psychology or Neuroscience
- Pharmacology or Pharmacy
- Genetics and Biotechnology
- Environmental Science or Marine Biology, Zoology, Botany

Other Subjects

Most common trio for medical careers: Biology, Chemistry and Maths.
Mathematics (useful for data analysis, statistics, genetics, physiology).
Psychology (links to brain biology, behaviour, research skills).
Physics (supports physiology, medical imaging, biomechanics).

Business

ADVANCED LEVEL

Examination Board: Edexcel

Course Code: 9BS0

Course Modules

Theme 1: Marketing & People

- Meeting customer needs
- The market
- Marketing mix and strategy
- Managing people
- Entrepreneurs and leaders

Theme 2: Managing Business Activities

- Raising finance
- Financial planning
- Managing finance
- Resource management
- External influences

Theme 3: Business Decisions & Strategy

- Business objectives and strategy business growth
- Decision-making techniques
- Influences on business decisions
- Assessing competitiveness
- Managing change

Theme 4: Global Business

- Globalisation
- Global markets and business expansion
- Global marketing
- Global industries and companies

Course Content

In A Level Business, you will learn how real businesses operate, grow, and make strategic decisions in a competitive and constantly changing environment. The course covers key areas such as marketing, finance, operations, and human resources, helping you understand how different functions contribute to overall business success.

You'll also explore the external factors that impact business performance, including economic conditions, globalisation, technological change, and legal and ethical influences. Through the study of real-life case studies, you'll develop analytical and evaluative skills, learning how to interpret data, assess business strategies, and make informed recommendations.

This course gives you a practical and well-rounded understanding of the business world, preparing you for university, apprenticeships, or careers in a wide range of industries.

Future Careers

Students can progress from this qualification to a wide range of higher education courses such as Business Management, Accountancy and Finance, Marketing, Human Resources and International Business. It is also extremely useful for entry into a wide range of careers ranging from banking, sales, product and general management to working in public sector organisations or charities.

Opportunities

We regularly host guest speakers and take part in business open days. You will have the chance to attend revision workshops and take part in national essay competitions.



Assessment

Paper	Component	Type	Duration	Weight
Paper 1	Marketing, People & Global Businesses	Exam	2hrs	35%
Paper 2	Business activities, decisions and strategy	Exam	2hrs	35%
Paper 3	Investigating business in a competitive environment	NEA	2hrs	30%

Other Subjects

Many students find Business is complementary to Economics, Psychology and Mathematics. For others, it goes well with Geography, Government and Politics or Computer Science.

Chemistry

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7405

Course Content

A Level Chemistry explores how chemistry is used in the world around us, from everyday life and the environment to modern industrial applications and scientific developments. Building on GCSE Chemistry, the two-year AQA course develops your understanding of why chemical reactions happen, how substances behave and how chemical processes can be controlled.

You will study three key areas:

- Physical Chemistry: Explore atomic structure, bonding, energetics, kinetics, thermodynamics and equilibria.
- Inorganic Chemistry: Investigate the periodic table, including the properties and trends of elements and their groups.
- Organic Chemistry: Study different homologous series and functional groups, alongside methods of synthesis and analytical techniques.

Alongside developing your theoretical knowledge, you will build on existing practical skills and learn new laboratory techniques. Practical work is an important part of the course, helping you apply chemical principles, investigate reactions and develop skills that prepare you for university study and science-related careers.

Course Modules:

1. Physical Chemistry
Study the principles behind chemical reactions, including:
- Atomic structure and bonding.
- The mole concept and energetics.
- Rates of reaction and equilibria.
- Redox, electrochemistry and thermodynamics.

2. Inorganic Chemistry
Explore the periodic table and the properties of elements, including:
- Periodicity and Groups 2 and 7.
- Transition metals and complex ions.
- Reactions of ions in solution.

3. Organic Chemistry
Investigate carbon compounds and their applications, including:
- Alkanes, alkenes, alcohols and halogenoalkanes.
- Reaction mechanisms and organic analysis.
- Aldehydes, ketones, carboxylic acids and esters.
- Amines, amino acids, polymers and DNA chemistry.



Assessment

Paper	Duration	Weight	Outline
Paper 1	2hrs	35%	Physical and Inorganic Chemistry
Paper 2	2hrs	35%	Physical and Organic Chemistry
Paper 3	2hrs	30%	Synoptic and Practical Skills

Opportunities

A Level Chemistry offers a range of practical and independent learning opportunities. You will complete practicals that reinforce theoretical knowledge and develop skills relevant to exam questions. Successful completion can lead to a separate Practical Endorsement certificate alongside your A Level grade.

Through practical sessions and varied teaching styles, you will develop skills in laboratory experiments, research, independent learning, presentations, group discussion, data analysis and computer-based modelling.

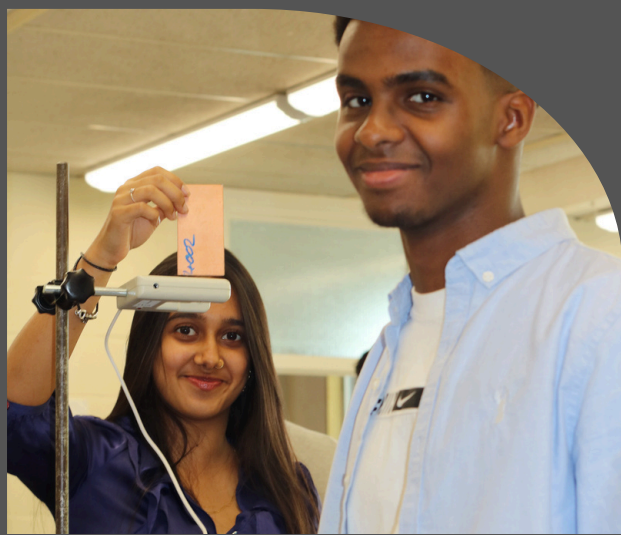
Future Careers

A Level Chemistry provides an excellent foundation for university study and careers in chemistry and related fields. Possible pathways include Medicine, Pharmacy, Biomedical Sciences, Pharmaceutical Sciences, Chemical and Physical Engineering, Nursing, Teaching and Public Health.

The skills developed through the course are also valuable in areas such as Science Journalism, Data Analysis and other analytical careers.

Other Subjects

Many students aspiring to study Medicine choose both Chemistry and Biology at A Level. Mathematics and Physics are also popular complementary subjects, providing a strong foundation for further study in engineering and other scientific disciplines.



Computer Science

ADVANCED LEVEL

Examination Board: OCR

Course Code: H446

Course Content

This course isn't just about using technology; it's about understanding and creating it. You will explore the fundamental principles and logical thinking that power digital systems, developing essential computational thinking skills such as abstraction, algorithmic design and problem-solving.

You will study both the theory and practice of Computer Science, exploring the technical aspects of computer hardware, systems architecture and networking alongside programming and software development. You will learn about data structures and algorithms, applying your knowledge to solve real-world problems by designing and writing your own software.

The course also explores the legal, ethical and social issues surrounding computing. A significant component is an independent programming project, giving you the opportunity to investigate a topic of your choice and apply your skills to develop a practical solution.



Modules

You will study a range of topics covering the theory and practice of computer science, including:

Computer Systems: Processor architecture, memory, input and output devices, storage, and system and application software.

Data Representation and Structures: Binary representation, data types, arrays, queues, stacks and trees.

Algorithms and Programming: Computational thinking, problem-solving, algorithm design, searching, sorting and programming techniques.

Exchanging Data: Computer networks, data transmission, compression, encryption and databases.

Software Development: Designing, writing, testing and evaluating software to solve real-world problems.

Legal, Moral, Cultural and Ethical Issues: Understanding the wider impact of computing and the responsible use of technology.

Teaching combines theory, interactive learning, independent study and practical problem-solving. You will also complete an independent programming project, applying your skills to a problem of your choice. This could include developing a game, booking system, mobile app or e-commerce website.

Assessment

Paper	Duration	Weight	Outline
Exam	2 hrs, 30 mins	40%	Computer Systems
Exam	2 hrs, 30 mins	40%	Algorithms and programming
NEA	-	20%	Programming project

The written examinations assess your understanding through a range of question types, including short-answer questions, source analysis, algorithmic problems, extended responses and mathematical questions. The programming project allows you to investigate a problem independently, develop a working solution and evaluate its effectiveness.

Opportunities

You will have opportunities to develop your programming, analytical and problem-solving skills through practical tasks and independent project work.

Guest speakers, lectures and subject-related events can help you explore developments in computing and potential career pathways. Opportunities may also include visits to Russell Group universities.

Future Careers

Computer Science can lead to university study in computing, science, engineering and related disciplines. The skills you develop are valued across a wide range of industries and career pathways, including:

- Software Developer.
- Cybersecurity Analyst.
- Data Scientist.
- Web or Games Developer.
- Network Engineer.
- IT Consultant.

Other Subjects

Mathematics is particularly complementary to Computer Science, supporting the logical reasoning and mathematical thinking used in algorithms and programming. Physics, Economics, and Design and Technology can also complement the course, depending on your interests and future ambitions.

Digital Media

CAMBRIDGE TECHNICAL, LEVEL 3

Examination Board: OCR

Course Code: 05843–05846, 05875

Course Overview

The OCR Level 3 Cambridge Technical in Digital Media is an exciting, practical course designed to develop the specialist knowledge and creative skills needed to progress to higher education or a career in the media industry. The course combines theoretical understanding with hands-on projects, allowing you to explore different areas of digital media and develop your own creative ideas. The Extended Certificate is equivalent in size to one A Level and combines examined units with internally assessed coursework.

You will explore how media products are created, how they communicate with audiences and how digital technology shapes the media industry. You will develop skills in research, planning, creative design and digital production, learning how to turn ideas into professional media products.

Through practical, client-focused projects, you will develop your ability to interpret briefs, plan productions, meet requirements and present your work effectively.

Course Modules

- Media Products and Audiences: Explore media products, their purposes and target audiences.
- Pre-production and Planning: Research, develop proposals, prepare budgets and plan media projects.

Optional units may include:

- TV and short film production.
- Radio production and sound creation.
- Advertising and media pitching.
- Digital animation and 3D modelling.
- Game development and interactive media.
- Social media and globalisation.

Other Subjects

There are several combinations that work well. English Literature, BTEC IT and A Level Media plus creative subjects including Art and Design or other subjects including BTEC Science and BTEC Business.

Assessment

Component	Type
Media Products & Audiences	Exam
Pre-Production & Planning	Exam
Create a Media Product	Coursework
Creation & Use of Sound in Media	Coursework
Advertising Media	Coursework



Future Careers

The course can provide a foundation for further study, apprenticeships or employment in the creative and digital industries. Potential career pathways include:

- Digital Media Producer
- Film or Video Editor
- Graphic Designer
- Animator or 3D Modeller
- Games Developer
- Radio or Sound Production Assistant
- Advertising and Marketing Assistant
- Social Media Content Creator
- Interactive Media or Web Designer

Whether you are interested in filmmaking, animation, gaming, advertising or digital design, this course helps you develop the practical skills and creative confidence to take your next steps.



Economics

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7136

Course Overview

AQA A Level Economics offers an engaging and thought-provoking introduction to the principles that shape our economy and influence the world around us.

You will explore how individuals, businesses and governments make decisions about allocating limited resources, examining both microeconomics, which focuses on markets and individual decision-making, and macroeconomics, which considers national and global economic issues.

Through real-world case studies and current events, you will learn to apply economic theories to practical situations while developing valuable analytical, numerical and critical-thinking skills.

Course Content

Microeconomics – Individuals and Markets

- How supply and demand determine prices.
- How markets operate and why market failure occurs, including issues such as pollution and inequality.
- How government policies, including taxes, subsidies and regulation, can improve economic outcomes.
- Behavioural economics and how people make decisions.
- Different market structures, from perfect competition to monopoly.

Macroeconomics – The National and Global Economy

- Economic growth, inflation and unemployment.
- Fiscal and monetary policy and the role of governments and central banks.
- International trade, exchange rates and the global economy.
- Debates surrounding inequality, austerity and public spending.
- Economic development, sustainability and financial markets.



Assessment

Paper	Duration	Outline
Paper 1	2hrs	Markets and Market Failure
Paper 2	2hrs	National and International Economy
Paper 3	2hrs	Economic Principles and Issues

Opportunities

You will have opportunities to broaden your understanding of economics beyond the classroom through guest speakers, business open days and revision workshops.

You can also take part in national essay competitions, developing your ability to construct persuasive arguments, evaluate different viewpoints and communicate economic ideas clearly.

Future Careers

A Level Economics provides a strong foundation for degrees in Economics, Business, Accounting, Law, Politics, Sociology and Management. It can also support progression towards careers in the Civil Service, management, finance, banking and accountancy.

The analytical, numerical and evaluative skills developed throughout the course are valuable across many fields, including careers not directly related to economics.

Other Subjects

Economics complements a range of subjects, including History, Politics and Business. It also pairs well with Mathematics and Further Mathematics, particularly for students interested in the numerical and analytical aspects of economics.



English Literature

ADVANCED LEVEL

Examination Board: Edexcel

Course Code: 9ET0

Course Overview

A Level English Literature invites you to explore the ideas, debates and imagined worlds created by some of the most influential writers. You will develop the ability to question and challenge writers' perspectives, examining texts through different critical lenses and considering how literature reflects the societies in which it is produced.

You will study plays, novels and poetry, developing sophisticated analytical skills and learning to construct persuasive, well-supported arguments. Critical approaches include Marxist, Feminist, Psychoanalytical, Post-Colonial and Queer theories, allowing you to explore literature from a range of perspectives.

Course Content

Drama

Through Shakespeare's Othello and Tennessee Williams' A Streetcar Named Desire, you will explore historical tragedy alongside modern drama. You will develop a deep understanding of the tragic genre, examining how playwrights challenge audiences and explore complex human experiences. Watching theatrical performances of both plays is an important and enjoyable part of the course.

Poetry

You will study Poems of the Decade, exploring experiences of life in the UK at the turn of the millennium, including the hopes for change and anxieties about the future. You will also study Romantic poets including Blake, Wordsworth, Shelley, Keats and Byron, examining their radical ideas, their praise and criticism of society, and their responses to the world around them.

Prose

You will compare Mary Shelley's Frankenstein with Margaret Atwood's The Handmaid's Tale. Both texts raise important ethical questions about scientific progress, technology, society and the individual. Through close analysis and comparison, you will consider how these writers explore the potential for scientific and social developments to bring both benefits and harm.

Assessment

Component	Type	Duration	Weight
Paper 1: Drama (9ET0/01)	Exam	2hrs, 15 mins	30%
Paper 2: Prose (9ET0/02)	Exam	1hr, 15 mins	20%
Paper 3: Poetry (9ET0/03)	Exam	2hrs, 15 mins	30%
Coursework	NEA	2500 - 3000 words	20%

Key assessment features include:

- Five timed essays, three of which involve comparing texts.
- A choice of two questions in each examination.
- An unseen element in the Poetry paper.
- One coursework essay comparing The Great Gatsby with a text of your choice.

Future Careers

English Literature is excellent preparation for university courses that demand strong reading, writing, analytical and verbal communication skills. It is particularly relevant to degrees in English Literature and Language, Journalism, Law, History, Classics, Creative Writing, and Philosophy, Politics and Economics (PPE). The ability to analyse complex ideas, evaluate different perspectives and construct compelling arguments is valuable across many career paths, including journalism, publishing, law, education, communications and the wider creative industries.

Opportunities

Explore challenging ideas and social debates while developing your analytical, critical-thinking and communication skills.

Theatre visits to see Othello and A Streetcar Named Desire bring the plays to life and deepen your understanding of drama.

Other Subjects

English Literature complements a wide range of subjects. Humanities options include History, Philosophy, Classical Civilisation and History of Art, while Fine Art and Drama provide creative connections. Students interested in society, human behaviour and language may also enjoy Sociology, Psychology, English Language and Linguistics.

Finance

DIPLOMA **(DipFS, L3)**

Examination Board: Agored Cymru

Course Code: 610/7414/7

Course Overview

The Diploma in Financial Studies develops the knowledge and practical skills needed to make informed financial decisions. You will explore personal finance and the wider financial services system, applying your learning to real-life situations and considering how financial choices affect individuals, households and society.

Course Modules

Unit 1: Financial Capability for the Immediate and Short Term (FCIS)

FCIS highlights the importance of financial education in meeting immediate and short-term financial needs.

Unit 2: Financial Capability for the Medium and Long Term (FCML)

FCML highlights the importance of planning for medium and long-term financial needs, with particular reference to the importance of the need to budget for future aspirations and life events.

Unit 3: Sustainability of Individual Finances (SIF)

SIF highlights the importance of financial sustainability for the individual to enable the development of skills to make sure that an individual's financial education is sustained over a period of time.

Unit 4: Sustainability of the Financial Services System (FSS)

SFS explores the financial services system and looks at how financial services providers work and compete with one another.



Future Careers

The knowledge and skills developed through Financial Studies can support further study and career pathways in banking, accounting, insurance, financial services, business and financial planning. The course also provides valuable skills for managing your own finances throughout life.

Opportunities

You will develop practical financial skills that can be applied to everyday life, from managing a budget and choosing financial products to planning for future needs. The course will also help you understand the financial decisions you may face as you progress into further study, employment and independent living.

Other Subjects

Financial Studies complements Business, Economics, Mathematics, Sociology and Government and Politics. It also supports learning in subjects that explore individuals, organisations and society.



Assessment

Paper	Component	Type	Weight
Paper 1	Financial Capability for Immediate & Short Term	Exam	25%
Paper 2	Financial Capability for Medium and Long Term	Exam	25%
Paper 3	Sustainability - Individual Finances	Exam	25%
Paper 4	Sustainability - Financial Services	Exam	25%

Geography

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7037

Course Overview

A Level Geography is a dynamic and highly relevant subject that explores the complex interactions between people and the environment. Combining scientific investigation with critical thinking, it helps you understand how natural processes shape our world and how human activity influences global systems.

From climate change and natural hazards to urban development and globalisation, you will investigate real-world issues and explore some of the most pressing challenges facing our planet.

Course Content

You will study a range of physical and human geography topics, developing your understanding of the processes shaping our world and the challenges facing people and the environment.

Physical Geography

- Water and Carbon Cycles: Explore how water and carbon move through global systems, how these systems are changing and how climate change affects them.
- Coasts: Investigate coastal processes, the formation of landscapes and the challenges of coastal management, including the effects of rising sea levels and climate change.
- Hazards: Examine the causes and impacts of tectonic, meteorological and hydrological hazards, evaluating risk management strategies through case studies.

Human Geography

- Global Systems and Governance: Explore how globalisation connects economies, cultures and political systems, including issues such as trade, inequality, migration, climate change and conflict.
- Changing Places: Investigate how people shape and experience places, comparing two contrasting locations and exploring how identity, perception and experience influence their representation.
- Contemporary Urban Environments: Discover how cities grow and change, examine the challenges they face and evaluate the importance of sustainability in shaping future urban environments.



Assessment

Component	Type	Duration	Weight
Physical Geography	Exam	2hrs, 30 mins	40%
Human Geography	Exam	2hrs, 30 mins	40%
NEA	Independent Investigation		20%

Opportunities

Fieldwork is an important part of Geography, giving you the opportunity to collect data, investigate real-world environments and apply classroom learning beyond the school. Previous trips have included Iceland, Italy, Stratford and East Anglia.

You will also explore current global challenges such as climate change, migration, resource scarcity and urbanisation. Geography draws on ideas from science, economics, sociology, politics, philosophy and history, helping you develop a broad perspective and think critically about complex issues.

Future Careers

Geography can support progression to university and a wide range of career pathways, including environmental science, urban planning, international development, Geographic Information Systems (GIS), disaster management, data analysis, global governance and tourism.

With sustainability and climate change becoming increasingly important areas of study and work, Geography provides a valuable foundation for exploring future opportunities related to people, places and the environment.

Other Subjects

Geography complements a wide range of subjects, including Biology, Chemistry, Economics, Sociology, Government and Politics, Mathematics and History. Its combination of scientific, analytical and social perspectives helps you make connections across different areas of study.



Government & Politics

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7152

Course Overview

Politics affects almost every aspect of our lives, from the laws we follow and the rights we enjoy to the decisions that shape our communities and the wider world.

Studying A Level Government and Politics at Enfield Grammar School will help you understand how power operates, how political decisions are made and how different ideas shape the societies in which we live.

You will explore the political systems of the UK and the USA, examine some of the biggest political debates of our time and develop your own understanding of the ideas and values that influence political thinking.

Politics is an intellectually stimulating and highly rewarding subject. It will equip you with the knowledge, confidence and critical thinking skills to engage in informed debate, challenge assumptions and become an active, well-informed citizen.

The course explores the political systems of the UK and the USA, alongside four major political ideologies: Liberalism, Conservatism, Socialism and Feminism.

You will develop an understanding of how political systems work, how power is exercised and challenged, and how political ideas influence the way societies are organised.

Course Content

Paper 1: UK Politics and Government
Key features of the British political system, including:

- How laws are made and the powers of Parliament and the Government.
- The role and influence of political parties and pressure groups.
- The UK constitution and debates surrounding its nature and development.
- Voting behaviour, elections and different electoral systems.

Paper 2: US Politics, Government and Comparative Politics
American political system, exploring:

- The roles and powers of Congress and the President.
- How laws are made in the United States.
- The influence of political parties and pressure groups.
- The US Constitution, elections and the nature of American democracy.
- Similarities and differences between the political systems of the UK and USA.

Paper 3: Political Ideas
The fundamental ideas that shape political thought and influence how we understand human nature, society, freedom, equality and the role of the state.
You will study four key ideologies:

- Liberalism
- Conservatism
- Socialism
- Feminism (studied in Year 13)

Assessment

Paper	Duration	Type	Outline
Paper 1	2hrs	Exam	The Government and Politics of the UK
Paper 2	2hrs	Exam	The Government and Politics of the USA, and Comparative Politics
Paper 3	2hrs	Exam	Political Ideas

Opportunities

This course offers an exciting opportunity to challenge your assumptions, explore different perspectives and develop your own understanding of the world around you.

You will develop skills that are valuable both at university and in the workplace:

- Critical thinking: evaluating arguments, challenging assumptions and reaching informed conclusions.
- Communication: expressing complex ideas clearly, confidently and concisely.
- Analysis: interpreting political information, assessing evidence and constructing persuasive arguments.
- Political awareness: developing a deeper understanding of current affairs and the issues shaping our society.

Future Careers

A Level Politics is a versatile and respected qualification that can provide a strong foundation for further study and a wide range of careers.

It is particularly relevant for students considering university degrees in Politics and Political Science, International Relations, Law, History and Economics

The skills developed through the course are highly transferable and valued in careers including government, public policy, law, journalism and public relations.

Former Enfield Grammar School students have gone on to careers in government, public relations and law.

Other Subjects

Politics works particularly well alongside History and Economics, with strong links in both subject knowledge and the analytical skills required.

History

ADVANCED LEVEL

Examination Board: OCR

Course Code: H505

Course Overview

History offers the opportunity to explore the events, people and ideas that have shaped the modern world, while developing a deeper understanding of how societies change and why events unfold as they do.

You will study some fascinating periods of British and American history, exploring the leadership, revolutions and struggles for rights that have helped shape the world we live in today. You will investigate the leadership of Winston Churchill, discover how America fought for independence from Britain and examine the long struggle for civil rights in the United States.

History at EGS will develop your ability to think critically, construct convincing arguments and communicate ideas with clarity and precision. You will gain a deeper understanding of the past and be better equipped to understand and engage with the world around you.

Course Content

Britain 1930-1997 - covering much of modern British History- why governments won and lost power- and how arguments of how our country should be. First though, we start with an exploration of arguably the greatest, certainly most consequential war time leader of our History- Winston Churchill.

American Revolution -The USA continues to be the greatest power in the world and how it emerged as an independent country still shapes its Politics today. You will learn why the Americans revolted and how they managed to defeat the greatest power of the 1780s- Britain.

Civil Rights in the USA - You will explore how African Americans, Native Americans, Women and Workers have won rights in the USA; evaluating competing factors and themes over 100 years to see what or who brings and brought change.

Coursework - A Fantastic opportunity to develop research and evaluative skills that will serve you well in life and your further studies. You may choose your own title- subject to approval- e.g. In previous years pupils have written about the Iranian and Algerian revolutions, however it is suggested you focus on assessing Churchill's war leadership or Thatcher's success as PM in the 1980s as both these areas you will have extensive notes on as they can come up in your exams.

Assessment

Component	Type	Duration	Weight
Paper 1: Britain 1930-1997	Exam	1 hr, 30 mins	25%
Paper 2: American Revolution	Exam	1 hr	15%
Paper 3: Civil Rights in the USA 1865-1992	Exam	2hrs, 30 mins	40%
Coursework	NEA	12 weeks	20%

Future Careers

History is a highly regarded A Level that opens doors to a wide range of university courses and career opportunities. It provides an excellent foundation for students wishing to study History. Politics and International Relations, Law, English Literature, Economics.

The skills developed through studying History are highly valued by universities and employers, including the ability to research, analyse evidence, construct arguments and communicate effectively. These skills can lead to careers in government, law, journalism, public relations, education, business and many other areas. Former Enfield Grammar School students have gone on to successful careers in government, public relations and law.

Opportunities

You will develop your ability to analyse evidence, evaluate different perspectives and communicate convincing arguments.

You will deepen your historical knowledge, build confidence in discussion and gain valuable independent research skills through your coursework.

Other Subjects

History combines particularly well with Politics and Economics, both of which complement the course through their overlapping content and shared analytical skills.

It also provides an excellent foundation alongside English Literature, Sociology and other humanities subjects.

Information Technology

LEVEL 3 (AAQ Extended Certificate)

Examination Board: Edexcel

Course Code: 601/7575/8

Course Overview

Information Technology plays an increasingly important role in almost every aspect of modern life. From cyber security and online services to websites and data management, IT is shaping the way we live, work and communicate.

The BTEC Level 3 IT Extended Certificate at Enfield Grammar School provides an excellent opportunity to develop both your understanding of IT systems and practical technical skills. This vocational qualification is equivalent to one A Level and combines academic knowledge with hands-on learning, preparing you for further study and careers in the technology sector.

You will explore how IT systems operate, how organisations protect themselves from cyber threats, and how websites and databases are designed and developed.

Course Modules

Unit 1: Information Technology Systems
Develop a strong understanding of the technology that underpins modern IT systems. You will explore the relationship between hardware, including processors, memory and storage, and software such as operating systems and applications. You will also consider how IT systems are used by individuals and organisations.

Unit 2: Cyber Security and Incident Management
Discover the importance of protecting information and IT systems in an increasingly connected world. You will explore common cyber attacks, including phishing and malware, and learn how vulnerabilities can be identified and risks managed. You will also examine how organisations prepare for and respond to security incidents, including detection, recovery and post-incident analysis.

Unit 3: Website Development
Develop practical skills in designing and creating interactive websites. You will explore the tools and techniques used in modern web development, including HTML for structure, CSS for styling and JavaScript for interactivity.

Unit 4: Relational Database Development
Learn how databases are designed, developed and used to manage information. You will explore tables, relationships and normalisation, as well as gaining practical experience of using database management systems and writing queries to retrieve, manage and manipulate data.

Future Careers

The qualification provides a strong foundation for university courses in areas such as Cyber Security, Web Development, Network Engineering, Information Technology and Computing, Database Development. Potential career pathways include web development, technical support, database development, cyber security and IT security.

Opportunities

This course offers the opportunity to develop practical IT skills while gaining an understanding of how technology shapes the modern world. You will build your confidence in problem-solving, technical development and independent learning, applying your knowledge to realistic challenges. Through practical assignments and projects, you will develop skills that can support progression to university, apprenticeships and careers in the growing technology sector.

The qualification is equivalent to one A Level and carries UCAS points, providing a potential pathway into higher education, particularly in IT-related disciplines.

Assessment

Component	Type	Duration
Unit 1: Information Technology Systems	Exam	2hrs
Unit 2: Cyber Security & Incident Management	Exam	1 hr, 30 mins
Unit 3: Website Development	NEA (Internally Assessed)	
Unit 4: Relational Database Development	NEA (Internally Assessed)	

The qualification combines external examinations with practical, internally assessed assignments. This allows you to demonstrate both your subject knowledge and your ability to apply IT skills to realistic tasks.

Other Subjects

Business and Mathematics complement the course, particularly for students interested in technology, business systems and data. Other useful combinations include Media Studies, Physics, BTEC Science and Economics.

Mathematics

ADVANCED LEVEL

Examination Board: Edexcel

Course Code: 9MA0

Course Overview

Mathematics is one of the most highly regarded and versatile A Level qualifications, valued by universities and employers across a wide range of disciplines. A Level Mathematics at Enfield Grammar School will deepen your understanding of mathematical concepts while developing your ability to think logically, solve complex problems and apply analytical techniques to real-world situations.

You will explore three key areas of Mathematics: Pure Mathematics, Statistics and Mechanics. The course combines abstract mathematical thinking with practical applications, providing an excellent foundation for further study in science, technology, engineering, economics and beyond.

Course Modules

Pure Mathematics: Algebra, functions, coordinate geometry, trigonometry, calculus, vectors and mathematical proof.

Statistics: Data analysis, probability, statistical distributions and hypothesis testing.

Mechanics: Motion, forces, Newton's Laws and moments.

You will learn to apply mathematical techniques to both abstract problems and real-world situations.

Assessment

Paper	Duration	Type
Paper 1: Pure	2hrs	Exam
Paper 2: Pure	2hrs	Exam
Paper 3: Applied: Statistics and Mechanics	2hrs	Exam

All components are externally assessed. Assessment includes:

- Structured mathematical questions.
- Problem-solving and multi-step calculations.
- Applying mathematical techniques to unfamiliar situations and real-world problems.

Opportunities

Mathematics will challenge you to think logically, approach problems creatively and develop resilience when tackling unfamiliar questions.

You will have opportunities to take part in mathematical enrichment activities, including the UKMT Senior Maths Challenge, STEM events and university masterclasses.

These experiences will help you build confidence, extend your mathematical thinking and explore the wider applications of the subject beyond the classroom.

Future Careers

A Level Mathematics is highly valued by universities and employers and provides access to a wide range of degree courses and career pathways. It is particularly important for students considering further study in:

- Mathematics and Statistics.
- Physics and Engineering.
- Economics and Finance.
- Computer Science.
- Actuarial Science.
- Architecture.

The logical thinking, analytical reasoning and problem-solving skills developed through the course are highly transferable and valued in careers across science, technology, finance, engineering, business and many other sectors.

Other Subjects

Mathematics complements a wide range of A Level subjects and is particularly valuable alongside:

- Sciences: Physics, Chemistry and Biology.
- Business and Social Sciences: Economics, Business and Psychology.
- Technology and Humanities: Computer Science, Geography and Engineering.

It is also an excellent choice for students considering university courses with a strong mathematical or analytical focus.



Further Mathematics

ADVANCED LEVEL

Examination Board: Edexcel

Course Code: 9FMA0

Course Overview

Further Mathematics is an exciting and intellectually challenging A Level for students who have a real passion for mathematics and want to explore the subject in greater depth. Building on the foundations of A Level Mathematics, you will explore advanced mathematical concepts, develop sophisticated problem-solving techniques and discover the abstract principles underpinning modern mathematics.

The course will challenge you to think creatively, recognise patterns and tackle complex and unfamiliar problems. It is particularly suited to students who enjoy mathematical challenges and are considering further study in mathematics, science, engineering or other highly analytical disciplines.

Course Modules

You will study four advanced mathematical modules, extending your knowledge of algebra, calculus and geometry. Topics include:

- Advanced Pure Mathematics: Complex numbers, matrices, polar coordinates and hyperbolic functions.
- Further Mathematical Techniques: Differential equations, vector geometry and transformations.
- Abstract Mathematics: Number theory, group theory and combinatorics.
- Advanced Linear Algebra: Matrix operations, diagonalisation and mathematical proof

Assessment

Paper	Duration	Type
Paper 1: Core 1	1 hr, 30 mins	Exam
Paper 2: Core 2	1 hr, 30 mins	Exam
Paper 3: Pure 1	1 hr, 30 mins	Exam
Paper 4: Pure 2	1 hr, 30 mins	Exam

Opportunities

Further Mathematics offers the opportunity to explore the subject beyond the standard A Level curriculum and develop your mathematical thinking to a higher level.

You will be encouraged to tackle challenging problems, think independently and develop the confidence to approach unfamiliar mathematical concepts.

There are also opportunities to participate in national competitions, including the UKMT Senior Mathematical Challenge, as well as university lectures, events and enrichment activities. These experiences provide an opportunity to extend your knowledge, challenge yourself and prepare for the demands of studying mathematics at university.

Future Careers

Further Mathematics is one of the most academically respected A Levels and is particularly valuable for students aiming for competitive university courses.
It provides an excellent foundation for degrees in:

- Mathematics and Statistics.
- Physics and Engineering.
- Computer Science.
- Economics and Finance.
- Data Science and related disciplines.

The advanced analytical thinking, precision and creativity developed through the course are highly valued in careers involving science, technology, engineering, finance and research. For students aspiring to study Mathematics at leading universities, Further Mathematics is particularly important and is a desirable qualification for many other mathematically intensive degrees.

Other Subjects

Further Mathematics is a natural complement to A Level Mathematics and works particularly well alongside:

- Physics: Applying advanced mathematical methods to physical problems.
- Computer Science: Developing logical thinking and understanding complex systems.
- Chemistry: Supporting mathematical modelling and problem-solving.



Media

ADVANCED LEVEL

Examination Board: Eduqas

Course Code: A680QS

Course Overview

Media is a powerful influence on the way we see and understand the world. From television and film to advertising, social media and video games, the media shapes opinions, represents different groups and influences our everyday lives.
A Level Media Studies at Enfield Grammar School offers an exciting opportunity to explore how media works, how products are created and how audiences engage with them.

You will develop the ability to analyse media messages, understand how the media industry operates and explore how different groups and ideas are represented. The course also encourages creativity through practical media production, allowing you to apply your knowledge by creating your own media products.

Course Modules

You will explore four key areas of Media Studies: Media Language, Media Representation, Media Industries and Media Audiences.
You will study a wide range of media products, including television, film marketing, music videos, newspapers, advertising, magazines, radio, video games and online and social media.

You will learn how media products are constructed and interpreted, exploring concepts such as genre, narrative, representation and audience engagement. You will also study key media theories and the work of influential media thinkers.
The course includes two main areas of study:

Media Products and Industries: Explore how media industries operate, how products are created and marketed, and how audiences consume and interpret media.

Media Forms and Products in Depth: Analyse a range of media texts, considering how language, representation and industry influence the messages audiences receive.

Cross-Media Production: Put your knowledge into practice by planning, creating and evaluating your own media products for a specific audience, following a brief set by the examination board.

Assessment

Component	Type	Duration	Weight
Media Products, Industries and Audiences	Exam	2 hrs, 15 mins	35%
Media forms and Products in Depth	Exam	2 hrs, 30 mins	35%
Cross-Media Production	NEA	12 weeks	30%

Other Subjects

Media Studies combines particularly well with a range of A Level subjects, including:

- Business Studies: Marketing, advertising and the media industry.
- English Literature: Analysing texts, language and representation.
- Psychology: Understanding audience behaviour and how media influences people.
- Sociology: Exploring identity, culture and representation in society.

Future Careers

Media Studies can lead to further study and careers in journalism, film and television, advertising, marketing, public relations, digital media and video game development.

The creative, analytical and communication skills developed are valued across many industries.

Opportunities

Explore current media issues, develop your own opinions and learn to question how and why media messages are created.

You will also develop your creativity and practical skills through producing your own media content.



Medical Sciences

LEVEL 3 BTEC EXTENDED CERTIFICATE

Examination Board: Edexcel

Course Code: 610/3958/5

Course Overview

Are you interested in understanding how the human body works, what causes disease and how scientific advances help diagnose and treat medical conditions? BTEC Level 3 Medical Science at Enfield Grammar School combines scientific knowledge with practical skills, exploring how biology and science are applied in healthcare and medical research.

You will study human physiology, anatomy, infectious diseases, medical treatments and therapies, while developing valuable laboratory, research and analytical skills. The course provides an excellent foundation for further study in medical science, healthcare and related subjects.

Course Content

Unit 1: Principles of Human Physiology, Anatomy and Pathology
Explore the structure and function of the human body, developing your understanding of human physiology, anatomy and pathology, alongside key scientific concepts and terminology.

Unit 2: Health Issues and Scientific Reporting
Develop your understanding of health issues and the scientific principles involved in investigating and reporting on medical and healthcare topics.

Unit 3: Practical Microbiology and Infectious Diseases
Explore microorganisms, how infectious diseases are transmitted and treated, and develop practical skills in culturing and identifying microorganisms.

Unit 4: Diseases, Disorders, Treatments and Therapies
Investigate biological molecules and their effects on the body, explore physiological diseases and disorders, and examine existing and emerging treatments and therapies.



Assessment

Component	Type	Guided Learning Hours
Unit 1: Principles of Human Physiology, Anatomy & Pathology	Exam	90 hours
Unit 2 Health Issues and Scientific Reporting	Exam	120 hours
Unit 3 Practical Microbiology & Infectious Diseases	NEA	90 hours
Unit 4 Diseases, Disorders, Treatments & Therapies	NEA	60 hours

Future Careers

The qualification provides a foundation for further study in medical and healthcare-related subjects, including:

- Nursing (Adult, Child or Mental Health).
- Psychology.
- Physiotherapy.
- Biomedical Science.
- Medical Research.

It is particularly suited to students interested in careers in healthcare, laboratory science and medical research.

Opportunities

You will develop valuable practical and transferable skills, including laboratory techniques, data analysis, scientific reporting and independent research.

The course provides opportunities to apply scientific knowledge to real-world healthcare challenges, preparing you for further study and careers in medical and health-related fields.

Other Subjects

Medical Science combines particularly well with:

- Psychology: Understanding human behaviour and the mind.
- Sociology: Exploring health and society.
- Chemistry: Understanding biological molecules and chemical processes.
- Physical Education and Sport: Exploring human physiology and physical performance.

Music

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7272

Course Overview

A Level Music at Enfield Grammar School is an exciting and rewarding course for students who are passionate about music and want to develop their skills as performers, composers and musical analysts. The course combines practical music-making with academic study, allowing you to explore a wide range of musical styles, genres and historical periods. You will develop your understanding of musical theory, learn to analyse significant works and build confidence in your own performance and composition.

Whether your interest is classical music, jazz, popular music or music for film and theatre, this course offers opportunities to develop your creativity and deepen your appreciation of music.

Course Content

Appraising Music

Develop your understanding of musical styles, structures and techniques through the study of set works and unfamiliar music. You will explore:

- Western Classical Tradition (1650–1910) – compulsory.
- Two further areas of study, selected from Pop Music, Music for Media, Music for Theatre, Jazz, Contemporary Traditional Music and Art Music since 1910.

You will develop your ability to analyse music, understand musical elements and apply your knowledge to a range of styles.

Performance

Develop your confidence and ability as a musician through a solo or ensemble recital lasting at least 10 minutes.

Composition

Develop your creativity and understanding of composition by producing two original compositions:

- One in response to a brief set by AQA.
- One free composition.

The combined minimum duration is 4½ minutes.



Assessment

Component	Type	Weight
Appraising Music	Exam	40%
Performance	10-minute solo or ensemble recital	35%
Composition	Two compositions (NEA)	25%

Opportunities

There are extensive opportunities to develop your musical talents beyond the classroom. Students regularly perform in school concerts and community events, as well as taking part in the annual European Music Tour.

You will also benefit from guest speakers, specialist workshops and trips to inspiring venues, including Abbey Road Studios.
These experiences provide valuable opportunities to perform, collaborate, develop your skills and gain insight into the professional music industry.

Other Subjects

Music combines particularly well with a range of A Level subjects, including:

Music Technology: Particularly useful for production, sound engineering and composition.

English Literature: Develops analytical and essay-writing skills.

History: Provides a deeper understanding of the historical and cultural context of music.



Future Careers

A Level Music provides a foundation for further study in music, performance, composition and music production.

Potential careers include music education, performance, composition, sound engineering, music therapy, journalism and the wider creative industries.

Music Technology

ADVANCED LEVEL

Examination Board: Edexcel

Course Code: 9MTO

Course Overview

Music Technology is an exciting and practical course for students interested in how music is recorded, produced, edited and created using modern technology.

At Enfield Grammar School, you will develop the technical knowledge and creative skills needed to produce professional-quality music. You will explore recording techniques, digital audio workstations, sound manipulation and music production, gaining practical experience of the technology used throughout the music industry.

The course combines technical understanding with creative experimentation, making it ideal for students interested in music production, sound engineering and the wider creative industries.

Course Content

Recording Techniques

Learn how to record music in a studio environment, including microphone selection and placement, recording equipment and multi-track recording techniques.

Music Production and Editing

Develop practical skills using digital audio workstations (DAWs), learning how to edit, arrange and mix audio. You will explore effects such as equalisation, reverb and compression, alongside automation and sound manipulation.

Sound Creation and Synthesis

Explore how to design, create and manipulate sounds using synthesisers, samplers and other sound-creation tools. You will develop skills in synthesiser programming, including the use of oscillators, filters and envelopes, alongside sampling and sound manipulation techniques.

Music Technology in Context

Explore the development of music technology and its influence on the music industry, including how technology has transformed music production, distribution and performance.



Assessment

Component	Type	Weight
Listening and Analysis (9MTO/3)	Exam	25%
Production (9MTO/4)	Exam	35%
Composition (9MTO/2)	NEA	20%
Recording (9MTO/1)	NEA	20%

Other Subjects

Music Technology complements a range of A Level subjects, particularly:

- Music: Developing performance, composition and musical understanding.
- Media Studies: Exploring sound production and the creative industries.
- English Literature: Developing analytical and communication skills.
- History, Politics and Philosophy: Providing complementary academic study and critical thinking.

Opportunities

You will benefit from practical recording experiences and visits to professional studios, including the Abbey Road Institute and AIR Studios. There are also opportunities to mix live bands at school concerts, work with professional musicians and take part in the annual European Music Tour. These experiences will help you develop practical skills, confidence and an insight into the professional music industry.



Future Careers

Music Technology provides a strong foundation for further study and careers in music production, studio recording, sound engineering, live sound, event promotion, music composition and software development. It is also a well-regarded qualification for university courses in music technology and related creative disciplines.

Physics

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7408D

Course Content

Are you curious about the fundamental laws that govern our universe? Do you wonder how everything, from the smallest subatomic particles to the largest galaxies, works?

A Level Physics is a challenging and rewarding subject that deepens your understanding of the physical world.

Following the AQA specification, the course develops scientific curiosity, problem-solving skills and an appreciation of the principles that explain how the universe works.

It provides a strong foundation for university study in Physics and related disciplines, while developing valuable analytical and mathematical skills.

In this linear A Level course, you will complete three examinations at the end of Year 13.

Core Content

Over two years, you will explore a fascinating range of topics, progressing from fundamental concepts to more advanced theories.

Year 12:

- Measurements and their errors.
- Particles and radiation.
- Waves.
- Mechanics and materials.
- Electricity.

Year 13:

- Further mechanics and thermal physics.
- Fields, including gravitational, electric and magnetic fields.
- Nuclear physics.
- Turning Points in Physics.

You will develop your understanding of matter, energy, forces and motion, while learning to apply mathematical techniques to explain and solve problems.



Assessment

Paper	Duration	Type	Weight
Paper 1: Particles, Forces and Mechanics, Electricity	2hrs	Exam	35%
Paper 2: Thermal Physics, Fields, Nuclear Physics	2hrs	Exam	35%
Paper 3: Practical Skills and Optional Unit	2hrs	Exam	30%

Future Careers

A Level Physics provides a strong foundation for a wide range of university degrees and careers, including:

- Physics, Astrophysics and Medical Physics.
- Engineering, including Mechanical, Electrical, Aerospace and Civil.
- Mathematics and Computer Science.
- Data Science and Artificial Intelligence.
- Chemistry and Geophysics.
- Software Development and Data Analysis.

The analytical thinking, problem-solving, mathematical ability and data analysis skills developed through the course are highly valued by universities and employers. Physics is a versatile and respected qualification that opens doors to a wide range of opportunities in an increasingly technological world.

Opportunities

You will develop valuable scientific and analytical skills through practical investigations, experiments and problem-solving activities. You will learn to analyse experimental results, interpret data, apply mathematical techniques and communicate complex scientific ideas clearly.

You will also develop your ability to think critically, evaluate evidence and apply physical principles to unfamiliar situations.

Other Subjects

Mathematics is a natural companion to Physics, supporting the mathematical understanding and problem-solving required throughout the course.

Computer Science is also an excellent combination, with computing playing an increasingly important role in many areas of Physics and scientific work.

Psychology

ADVANCED LEVEL

Examination Board: AQA

Course Code: 7182

Course Overview

Why do people behave the way they do? How are our thoughts, feelings and actions influenced by our upbringing, biology and the people around us?
A Level Psychology at Enfield Grammar School explores the fascinating science of human behaviour and mental processes. You will investigate why people think, feel and act in particular ways, exploring psychological theories, research and real-world applications.

The course encourages curiosity, critical thinking and an understanding of the factors that shape human behaviour, from memory and relationships to social influence and mental health.

Course Content

You will study a range of core psychological topics, exploring different explanations of human behaviour and how psychological research is conducted.

Core Topics:

- Social Influence: How conformity, obedience and group behaviour influence individuals.
- Memory: How we remember and forget information, including the reliability of eyewitness testimony.
- Attachment: The importance of early relationships and their influence on later development.
- Psychopathology: Mental health conditions such as depression, OCD and phobias, and their treatments.
- Biopsychology: How the brain, nervous system and hormones influence behaviour.

Issues and Debates

You will also explore important debates such as nature versus nurture, free will versus determinism, gender and ethical issues in psychological research.

Applications

You will study areas including Gender, Schizophrenia and Forensic Psychology, applying psychological theories to real-world situations.



Assessment

Component	Type	Duration
Paper 1: Introductory Topics in Psychology (7182/1)	Exam	2 hrs
Paper 2: Psychology in Context (7182/2)	Exam	2 hrs
Paper 3: Issues and Options in Psychology (7182/3)	Exam	2 hrs

Opportunities

You will have opportunities to explore psychology beyond the classroom through trips, including visits to Freud's house and the Supreme Court.

You will also undertake research projects and apply psychological theories to real-world issues, including criminal behaviour and mental health. These experiences will help develop your research, analytical and critical-thinking skills.

Future Careers

Psychology provides a strong foundation for further study and careers in a wide range of areas, including clinical, counselling, forensic and educational psychology. It is also valuable for careers in social work, teaching, medicine, healthcare and business.

The research, analytical and communication skills developed are valued by employers and open opportunities in many fields.

Other Subjects

Psychology combines particularly well with a range of A Level subjects, including:

- Biology: Understanding the biological influences on behaviour.
- Sociology: Exploring individuals, groups and society.
- Philosophy: Examining human nature, behaviour and ethical questions.
- Sports: Understanding motivation and human performance.
- Economics and Mathematics: Developing analytical and research skills.

Sport

LEVEL 3 BTEC EXTENDED CERTIFICATE

Examination Board: Edexcel

Course Code: BTEC UYJ08

Course Overview

The BTEC Level 3 Sport course at Enfield Grammar School combines scientific knowledge with practical experience, giving you an insight into the principles and practices that underpin the sports industry.

You will explore the science behind physical performance, learn how to design fitness programmes, develop your own sporting abilities and discover the wide range of careers available within the sports sector.

The qualification provides an excellent foundation for further study, higher education and employment in the sports and leisure industries.

Course Content

Anatomy and Physiology in Sport
Explore the skeletal, muscular, cardiovascular and respiratory systems, understanding how the body works and adapts to exercise. You will also study the body's energy systems and their role in sporting performance.

Fitness Training and Programming for Health, Sport and Well-being
Learn how to assess fitness, understand the principles of training and design effective fitness programmes for different individuals. You will also explore training methods and nutritional requirements.

Professional Development in the Sports Industry
Discover career opportunities within sport and develop your employability skills. You will complete a personal skills audit, create a career development plan and develop skills in CV writing and interview techniques.

Practical Sports Performance
Develop your own sporting abilities by applying and refining practical skills, techniques and tactics. You will explore the rules and regulations of different sports and evaluate your performance to identify areas for improvement.



Assessment

Component	Type	Duration
Anatomy and Physiology in Sport	Exam	1 hr, 30 mins
Fitness Training and Programming for Health, Sport and Well-being	Exam	2 hrs, 30 mins
Internal Assessment	NEA	12 weeks

Future Careers

The qualification provides pathways into university courses such as Sport Science, Sports Coaching, Sports Management, Physiotherapy and Physical Education.

Career opportunities include fitness instructor, sports coach, leisure centre assistant, sports development officer, outdoor activity leader and sports administrator.

Opportunities

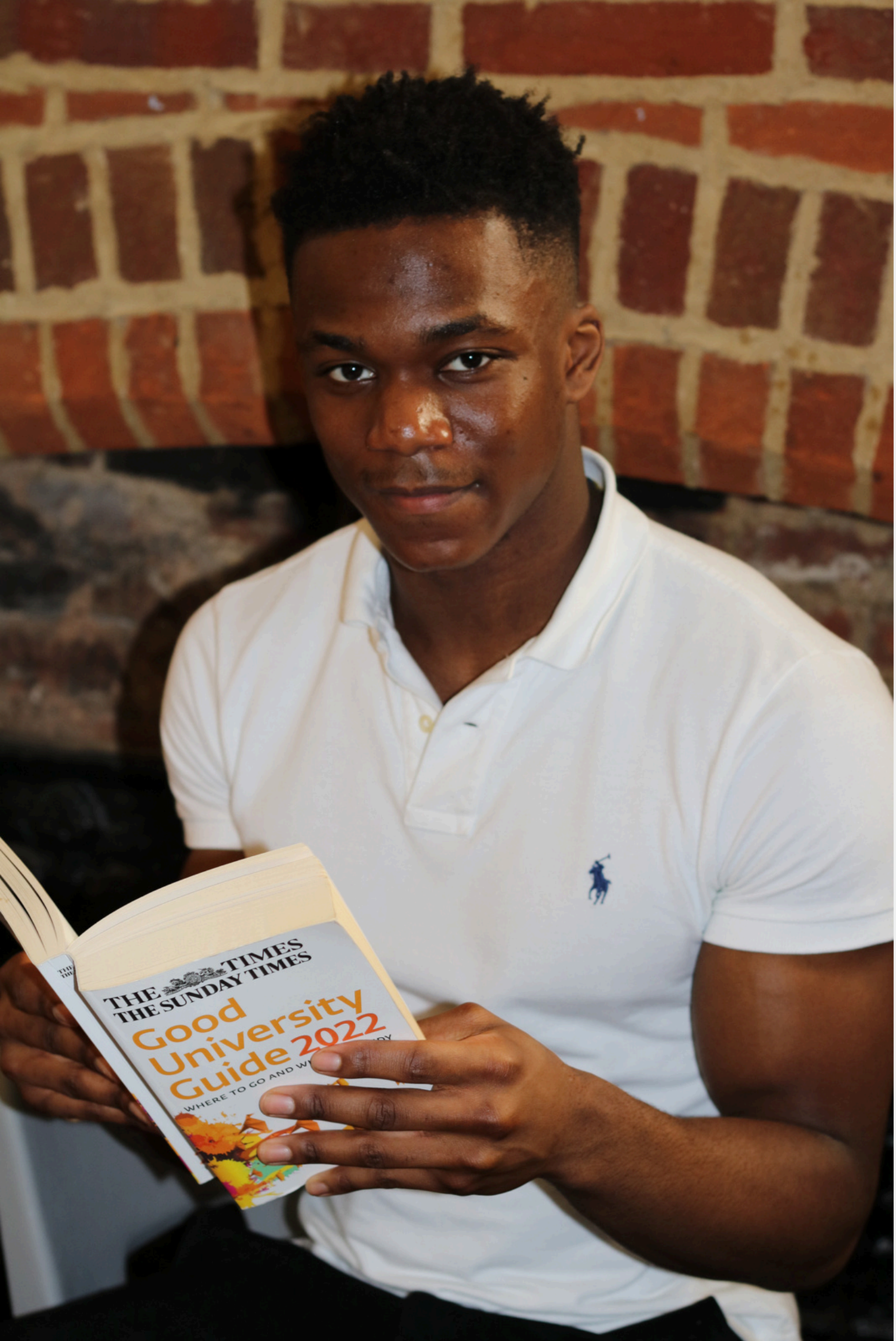
The practical and vocational nature of the course allows you to develop skills through realistic assignments and sporting activities. You will gain experience relevant to coaching, fitness and leisure, while developing teamwork, communication and leadership skills.

The course provides an excellent opportunity to turn your interest in sport into a foundation for further study and future employment.



Other Subjects

Sport combines particularly well with Biology, Psychology, Business Studies and Sociology, supporting your understanding of the science, business and social aspects of sport. Media Studies and English Literature also develop complementary communication and analytical skills.


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