LITTLE HEATH SCHOOL

SIXTH FORM COURSE INFORMATION BOOKLET

CONTENTS

A level **Art and Design** — AQA *3-5*

A level **Biology** — AQA *6-7*

A level **Business** — AQA *8-9*

Level 3 Cambridge Technical Extended Certificate or Diploma in **Business** — OCR *10-11*

A level **Chemistry** — OCR *12-14*

A level **Computer Science** — OCR *15-16*

A level **Drama and Theatre Studies** — OCR *17-18*

BTEC Level 3 National Extended Certificate in **Early Childhood Development** — Edexcel *19-21*

A level **Economics** — Edexcel *22-23*

A level **English Language** — AQA *24-25*

A level **English Literature** — AQA *26-27*

GCSE **English Language** — AQA *28-29*

Extended Project Qualification — AQA *30-31*

A level **Film Studies** — WJEC EDUCAS *32-33*

Level 3 Alternative Academic Qualification (AAQ) in **Food Science and Nutrition** — WJEC *34-35*

A level **French** — AQA *36-37*

A level **Geography** — AQA *38-39*

A level **German** — AQA *40-41*

BTEC Level 3 National Extended Certificate **Health and Social Care** — Edexcel *42-43*

A level **History** — OCR *44-45*

Cambridge Advanced National Certificate **IT: Data Analytics —** OCR *46-48*

Core Maths Level 3 **Mathematical Studies** — AQA *49-50*

A level **Mathematics** — Edexcel *51-53*

AS & A level **Further Mathematics** — Edexcel *54-56*

GCSE **Mathematics** — AQA *57-58*

A level **Media Studies** —WJEC EDUCAS *59-60*

A level **Music** — AQA *61-63*

A level **Music Technology** — Edexcel *65-66*

A level **Philosophy** — AQA *67-68*

A level **Physical Education** — OCR *69-70*

BTEC Level 3 National Extended Certificate in **Sport** — Edexcel *71-72*

A level **Physics** — OCR *73-74*

A level **Politics** — Edexcel *75-76*

A level **Psychology** — AQA *77-78*

A level **Sociology** — AQA *79-80*

A level **Spanish** — AQA *81-82*

A level **Art and Design: Textiles** — AQA *83-85*

A level ART and DESIGN AQA

WHY STUDY THIS SUBJECT?

The Art Department at Little Heath School runs an exciting and challenging A level course.

You will be actively encouraged to explore your creative potential in this varied and interesting subject. You will discover and learn challenging new techniques, building on what you have learned before, thus developing your artistic ability further. You will also discover a range of new artists to inspire your work, whilst developing your research and analytical skills.

ENTRY REQUIREMENTS

You will need good basic drawing skills and you should be willing to experiment with new materials. You should also have a minimum GCSE Grade 4 in Art and Design. You must enjoy creating art; you should be enthusiastic and well motivated, and have a keen interest in artists and designers. If you do not have a GCSE in Art and Design, you may still be considered for the subject, but you will be required to present some recent work to illustrate your practical skills and suitability to the course.



A level ART and DESIGN AQA

At Little Heath School we offer a two year A level Art and Design course that has been developed to encourage students to explore the many varied and exciting opportunities that the subject has to offer.

SYLLABUS

YEAR 12 Unit 1: Extended coursework unit, with written element

Practical unit in which students are expected to develop a personal investigation based on an idea, issue, concept or theme.

Practical work must be supported by an essay of 2000 words, which researches the art historical aspect of their project.

YEAR 13

Unit 2: Final externally set assignment

Questions set by examination board to be used as starting points.

Students choose one topic to explore in a practical project

Final piece is completed in a 15 hour examination.

In Year 12 students begin the course with a foundation period in which they will be introduced to a series of workshops that cover a wide range of processes and techniques helping them to build confidence and bridge the gap between GCSE and A level Art. Later in the year students will be encouraged to consider their own strengths and will then begin a practical investigation (Unit One) into the genre of art that particularly appeals to them. This is an extended unit of work which will enable students to thoroughly develop both their ideas and artistic abilities, as well as helping them to become the very best young artists and designers they can be.

Once the coursework has been completed in Year 13 the students will begin an externally set exam project, much like they do at GCSE level.

HOW WILL I BE ASSESSED AND EXAMINED?

Art is a linear A level. All work is assessed at the end of two years. All other additional work will be created in class or outside of lessons and will be marked in line with AQA guidelines.

FUTURE COURSES AND POSSIBLE CAREERS

Opportunities for employment in the creative industry are many and varied. Most students who wish to pursue an art related career complete an art foundation course following their A level studies. This is generally followed by a degree course in a more specialised area, for example, interior design, product design, film making, fashion and textiles, photography or graphic design. Some universities also offer academic art subjects such as History of Art and conservation.



A level BIOLOGY AQA

WHY STUDY THIS SUBJECT?

A level Biology at Little Heath School is exciting and challenging.

Invaluable skills such as problem solving, team work, practical work, application of ideas, mathematical application and self-study are all developed through a wide variety of teaching styles.

ENTRY REQUIREMENTS

You will require at least a Grade 5–5 in GCSE Combined Science (Higher Tier) or a single Biology GCSE of Grade 5 and Chemistry grade 5 or higher (Higher Tier) and a Grade 5 or higher in Mathematics (Higher Tier) and English Language.

There should be a desire to do well, with a very good work ethic.

SYLLABUS

YEAR 12

Unit 1: Biological molecules
Unit 2: Cells
Unit 3: How organisms exchange substances with their environment
Unit 4: Genetic information, variation and relationships between organisms

YEAR 13

Unit 5: Energy transfers in and between organisms
Unit 6: How organisms respond to changes in their internal and external environments
Unit 7: Genetics, populations, evolution and ecosystems
Unit 8: The control of gene expression

HOW WILL I BE ASSESSED AND EXAMINED?

The A level course is comprised of three, two hourfinal examinations at the end of Year 13.
In this course 10% of the marks will test mathematical skills.
Paper 3 will contain a synoptic essay worth 10% of the final mark.
Every paper will ask practical related questions based on experiments
you have covered in the course. All 3 papers will also assess practical skills.
Practical skills are teacher assessed throughout the 2 years
through completion of 12 required practicals.

FUTURE COURSES AND POSSIBLE CAREERS

The knowledge and skills studied in A level Biology ensure that students are well prepared for higher education or employment in a wide range of fields such as: medicine, dentistry, veterinary medicine, biomedical sciences, nursing, midwifery or any other biology related discipline. It is also highly respected in non-science career pathways.



A level BUSINESS AQA

WHY STUDY THIS SUBJECT?

The A level Business course takes a holistic approach to the subject, demonstrating the interrelated nature of business models, theories and techniques to support the analysis of contemporary business issues and situations. Students will focus on topics that are relevant in today's society such as digital technology, business ethics and globalisation.
Students will develop the knowledge and skills needed to analyse data, think critically about issues and make informed decisions.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE Business/Grade L2 Merit OCR National, if studied, and a Grade 5 or higher in English Language and Mathematics. A study of GCSE/OCR Business is desirable.

SYLLABUS

Students who choose the study for the A level qualification will complete the following units:

3.1 Unit: What is business?
Managing marketing and finance
3.1.1 Business and objectives
3.1.2 Forms of business and stakeholders
3.1.3 Marketing management
3.1.4 Financial management

3.2 Unit: Managing people and operations
3.2.1 People management
3.2.2 Operations management
3.2.3 Managing business culture

3.3 Unit: Business and society, business and the external environment, and business strategy
3.3.1 Business and society
3.3.2 Business and the external environment
3.3.3 Strategy
3.3.4 Change

HOW WILL I BE ASSESSED AND EXAMINED?

All of the units of study are assessed through examination. There will be internal assessments at the end of Year 12 and then 3 external examinations, each 2 hours long, at the end of Year 13.

FUTURE COURSES AND POSSIBLE CAREERS

The course qualifies students for UCAS points and gives them a wide choice of progression options including university courses, training or relevant employment in the business sector. A level Business enables students to develop a range of transferable skills which are relevant to any career, but particularly those in management, accounting and marketing.



Level 3 Cambridge Technical Extended Certificate or Diploma in BUSINESS OCR

WHY STUDY THIS SUBJECT?

The Cambridge Technical Extended Certificate in Business Level 3 vocational qualification is a broad-based qualification that is the equivalent of one A level. Students may also opt to study the Cambridge Technical Diploma which is worth the equivalent of two A levels. These are broad based qualifications which provide the opportunity for students to explore the world of business in a highly practical way. Emphasis is placed on realistic business contexts throughout and by adopting an investigative approach, students will develop a strong understanding of how various business functions work together. In addition to developing students' knowledge of key business concepts, these qualifications support students as they develop the skills required for employment.

ENTRY REQUIREMENTS

You will require a Grade 4 or higher in GCSE Business/Grade L2 Pass OCR National, if studied, and a Grade 4 or higher in English Language and Mathematics. A study of GCSE/OCR Business is desirable.

SYLLABUS

Cambridge Technical Extended Certificate
YEAR 12
The Business Environment
Customers and Communications
Marketing and Market Research
YEAR 13
Working in Business
Introduction to Human Resources
Cambridge Technical Diploma in Business
YEAR 12
The Business Environment
Working in Business
Customers and Communication
Marketing and Market Research
Marketing Strategy
Marketing Campaign
YEAR 13
Business Decisions
Change Management
Delivering a Business Project
Principles of Project Management

HOW WILL I BE ASSESSED AND EXAMINED?

Both courses are assessed through a combination of coursework and external examinations. The Cambridge Technical Extended Certificate in Business consists of 2 external examinations with the remainder assessed through 3 coursework assignments.

The Cambridge Technical Diploma in Business consists of 4 external examinations, with the remainder assessed through 6 coursework assignments.

FUTURE COURSES AND POSSIBLE CAREERS

This Level 3 qualification counts towards UCAS points for university study. It gives students a wide choice of progression options into further study, training or relevant employment in the business sector. Students who successfully complete the qualification will be well equipped to move onto degrees, BTEC Higher National Diplomas or modern apprenticeships in related subjects.



A level CHEMISTRY OCR

WHY STUDY THIS SUBJECT?

Chemistry is fundamental and fascinating. It plays a role in everyone's lives and touches almost every aspect of our existence in some way. Chemistry is essential for meeting our basic needs of food, clothing, shelter, health, energy, and clean air, water, and soil. Knowing something about chemistry provides an excellent basis for understanding the physical universe in which we live. Everything around us consists of chemicals!

ENTRY REQUIREMENTS

You will require at least a Grade 5-5 in GCSE Science (Higher Tier) or a single Chemistry GCSE of Grade 5 or higher (Higher Tier), and a Grade 5 or higher in Mathematics (Higher Tier) and English Language. Studying Biology, Physics or Mathematics at A level will complement and support Chemistry A level but is not essential.

SYLLABUS

Chemistry OCR B (Salters) YEAR 12
Two examinations and a sequence of expected practical tasks that will be assessed in the examination.
Paper 1: Foundations in chemistry (50%) 1hr 30m
Paper 2: Chemistry in depth (50%) 1hr 30m
Covering the following chapters:
Elements of life
Developing fuels
Elements from the sea
The ozone story
What's in a medicine?

Year 1 of the course builds on GCSE and introduces more depth to topics such as atomic structure, electronic configuration, bonding, calculations involving moles and reaction rates. You will also learn some new concepts including organic synthesis and reaction mechanisms, using spectroscopic techniques to identify unknown compounds, and about radicals and how they play a key role in the chemistry of the Earths' atmosphere.

A level CHEMISTRY OCR

YEAR 13

Three examinations and a practical endorsement (12 practical tasks that are independent of the grade)

Paper 1: Fundamentals of chemistry (41%) 2hr 15m

Paper 2: Scientific literacy in chemistry (37%) 2hr 15m

Paper 3: Practical skills in chemistry (22%) 1hr 30m

Covering the following chapters:

Elements of life
Developing fuels
Elements from the sea
The ozone story
What's in a medicine?
The chemical industry
Polymers and life
Oceans
Developing metals
Colour by design

Year 2 of the course builds on year 1. You will develop your knowledge of the periodic table, mole calculations and REDOX reactions. Acid-base reactions will be studied in detail including weak acids and how buffer solutions function. You will be introduced to the molecules of life and how the chemistry of these molecules controls key functions in the body. The chemistry of colour will be investigated focusing on different types of dye molecules and how they interact with materials. You will also learn about the compromise between yield and rate in industrial chemistry and how reactions can be scaled to industrial volumes.

Practical Work

Chemistry is an inherently practical subject and we are committed to ensure that all students have the opportunity to become competent practical chemists. In addition to the practical tasks required for the assessments, you will carry out a wide range of practical activities designed to improve your chemical understanding and strengthen your chemical knowledge. These will include making plastics, synthesising dyes, burning fuels to compare their energy and analysing the content of medicines.

HOW WILL I BE ASSESSED AND EXAMINED?

There will be internal examinations at the end of Year 12 and external examinations at the end of Year 13. Questions are a combination of multiple choice, structured questions and extended response covering theory and practical skills.

FUTURE COURSES AND POSSIBLE CAREERS

Chemistry is also a highly valued and worthwhile A level subject. An A level in Chemistry puts you in a good position to choose a useful and interesting career. Food chemistry, polymer chemistry, agricultural chemistry, pharmacy, forensic science - the list of possibilities is long and varied. Chemists are centrally involved in tackling the problems and demands faced by our modern society.



A level COMPUTER SCIENCE OCR

WHY STUDY THIS SUBJECT?

If you enjoy a challenge, like solving logical puzzles and working with computers then you should consider an A level in Computer Science. You will learn how computers work, how they are programmed and the impact they have on our lives. You will learn about how to tackle major software development by designing and writing your own program to solve a substantial computing problem.

ENTRY REQUIREMENTS

Although the mathematics content of the course is relatively low, successful candidates usually have at least Grade 5 or above in Mathematics. You would also need at least a Grade 5 in Computer Science, however this requirement may be waived if the candidate can show that they have previous computer programming experience.

SYLLABUS

Unit 1: Computer Systems
Fundamentals of data representation
Fundamentals of computer systems
Fundamentals of computer organisation and architecture
Consequences of uses of computing
Fundamentals of databases
Fundamentals of communication and networking

Unit 2: Algorithms and Programming
Systematic approach to problem solving
Fundamentals of programming
Fundamentals of data structures
Fundamentals of algorithms
Theory of computation

Unit 3: Computing practical project
In year 12 you will be required to develop your practical skills in the context of solving a realistic problem or carrying out an investigation. You have the opportunity to work independently on a problem of interest over an extended period, during which you must extend your programming skills and deepen your understanding of computer science.

HOW WILL I BE ASSESSED AND EXAMINED?

The most important skill that is assessed through the Unit 3 project is a student's ability to create a programmed solution to a problem or investigation. However a proportion of marks will also be awarded for supporting documentation to reflect the expectation that reporting of the problem, its analysis, the design of a solution or plan of an investigation and testing and evaluation will be carried out proficiently.

There will be 2 internally assessed examinations at the end of Year 12. In Year 13 the A level will be assessed by final examinations which include a two hour 30 minute on screen examination and a two hour 30 minute written examination. These make up 40% each of the final grade, the remaining 20% of the marks are awarded for your computing practical project.

FUTURE COURSES AND POSSIBLE CAREERS

Many A level Computer Science students have gone on to study Computing at universities. The demand for IT professionals - from programmers to network administrators - makes a computing qualification a highly marketable asset. Computer Science is also equally valuable as a foundation for other university level courses. Some aspects of computing are particularly applicable to technical disciplines such as engineering and science, but knowledge of how to manage change in IT systems is a valuable skill in just about any profession from accountancy to medicine.



A level DRAMA and THEATRE OCR

WHY STUDY THIS SUBJECT?

The Drama and Theatre Studies A Level is an exciting and varied course which enables you to develop your knowledge of plays in performance, as well as offering plenty of opportunities for performance.

AI can now draft an essay, write code and summarise a report in seconds. What it can't do is stand in front of a room, read the people in it and win their trust. As technology takes over more routine tasks, human skills are what will set you apart: speaking with confidence, listening properly, working in a team, thinking creatively and adapting when plans change.

A national research programme led by NFER identified the six skills that will be most needed in the UK workforce by 2035: collaboration, communication, creative thinking, information literacy, organising and planning, and problem solving and decision making. Drama students practise all six, week after week.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE Drama if studied, as well a Grade 5 or higher in English Language and Literature. If you have not studied GCSE Drama, experience of the subject is essential.

SYLLABUS

Component 1: Devising
Exploration of different practitioners
Devised performance inspired by a play
Portfolio documenting development process
Component 2: Text in Performance
Development of performance skills
Performance of a play
Component 3: Theatre Makers in Practice
Study of two plays
Exploration of performance opportunities
Develop an understanding of the role of the director
Live theatre evaluation

HOW WILL I BE ASSESSED AND EXAMINED?

There will be a combination of internal and externally marked practical pieces and performances, coursework and a written examination at the end of the two years.

FUTURE COURSES AND POSSIBLE CAREERS

Studying Drama and Theatre at A level will equip you with a vast array of skills suitable for a range of future courses and careers. Drama students go on to study and work in theatre, film and television, and also in law, teaching, journalism, psychology, business and healthcare. Whatever you choose, you'll be equipped with a vast array of transferable skills; being able to communicate, collaborate and lead.



BTEC Level 3 National Extended Certificate in EARLY CHILDHOOD DEVELOPMENT

Edexcel

WHY STUDY THIS SUBJECT?

The Extended Certificate is for students who are interested in learning about the children's care and education sector (0-8 years) alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in early years-related subjects.

The qualification is designed to be taken alongside A Levels as part of a study programme and can link to learning in A Levels in Sociology, Psychology, Biology and English. It is intended for students that wish to progress into higher education or apprenticeships as a pathway to employment.

This BTEC Level 3 Extended Certificate qualification is equivalent in size to 1 A Level.

This BTEC course in Early Childhood would be a natural compliment for the BTEC National Extended Certificate in Health and Social Care.

ENTRY REQUIREMENTS

For the BTEC Level 3 course you will require a Grade 4 or higher in GCSE English (Language preferred) or have successfully completed a Level 2 Child Development course.



BTEC Level 3
National Extended Certificate in
EARLY CHILDHOOD DEVELOPMENT
Edexcel

SYLLABUS

YEAR 12

Unit 1 Children's Development

Children's developmental progress from birth up to eight years, including the theories, principles and factors relating to development, and the potential impact of a range of factors on a child's progress through the developmental milestones.

Unit 2 Keeping Children Safe

Health and safety and safeguarding responsibilities of an individual working in an early years setting; emergency best practices and when to address concerns about a child's welfare.

YEAR 13

Unit 3 Play and Learning

The concept of play, the influence of theories and approaches to play, and the benefits of play and learning activities for children.

Unit 4 Research and Reflective Practice

The influence of research findings on policy and provision for children and how this influences the behaviours and expectations of an individual working in an early years setting.

HOW WILL I BE ASSESSED AND EXAMINED?

Unit 1 and 2 will be examined by a traditional style external examination.
Units 3 and 4 will be assessed via coursework assignment style submission of work by students which is internally assessed.

FUTURE COURSES AND POSSIBLE CAREERS

The BTEC Level 3 course helps you to develop a range of transferable skills that colleges, universities and employers value in today's competitive job market. Examples of further education courses which are a natural progression from this course are: Nursing – BSc (Hons) Adult Nursing, Nursing – Child – BSc (Hons), Teacher Training – Childhood and Early Years Studies BA (Hons), Social Work – BA (Hons) Social Work and Psychology – Psychology BSc (Hons).



A level ECONOMICS EDXECEL

WHY STUDY THIS SUBJECT?

How will Brexit affect the UK and the World? Why do footballers earn so much more than nurses? Is it time to end the 'Throw Away' society?
Economics is different from almost everything you will have studied before. It brings together a whole range of different skills – writing essays, analysing numerical data, interpreting articles and evaluating ideas.
Economics combines very well with almost all other subjects, ranging from Mathematics and Physics to History and Geography where there are a range of issues in common. If you are interested in the reasons for and the effects of the recent upheavals in the world economy, then this is the subject for you.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE Mathematics (Higher Tier) and English Language. A commitment to work hard and an interest in the world around you are also essential. You will be expected to read newspapers and watch the news. You will be encouraged to subscribe to a magazine specifically aimed
at Sixth Form economists such as 'Economics Today'.

SYLLABUS

YEAR 12 Theme One: Introduction to Economics and market failure
The nature of Economics
How markets work
Market failure
Government intervention

Theme Two: The UK economy – performance and policies
Measures of economic performance
Aggregate demand
Aggregate supply
National income
Economic growth
Macroeconomic objectives and policy

YEAR 13 Theme 3: Business behaviour and the labour market

Business growth
Business objectives
Revenues, cost and profits
Market structures
Labour market
Government intervention

Theme 4: A global perspective

International Economics
Poverty and equality
Emerging and developing economies
The financial sector
Role of the state in the macro-economy

HOW WILL I BE ASSESSED AND EXAMINED?

There will be 3 final examinations in Year 13 which will involve a combination of multiple choice, short answer, data response and essay answers.

FUTURE COURSES AND POSSIBLE CAREERS

In the future, Economics can lead on to a huge range of degrees and careers. Economics graduates are the second highest average earners after graduation in the UK and the subject is both useful and important for work in fields such as management, import/export, banking, law, international finance, politics, transport, accountancy and a vast number of business related careers.

A level ENGLISH LANGUAGE AQA

WHY STUDY THIS SUBJECT?

The A level English Language course places an exciting emphasis on the ways in which language use has changed over time and location, as well as studying the ways in which young children develop language skills. It provides a fascinating insight into how we all use language every day, and why there are so many strong opinions about its use.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE English Language and Literature. Although the reading requirements for the course are not as extensive as for the English Literature course, wider reading is still required, so an independent enjoyment of reading is essential.

SYLLABUS

YEAR 12

Unit 1: Language – the individual and society

Introduction to the study of different modes of language
How language is used across a variety of written, spoken, electronic and multimodal forms
How language is used for different purpose and genres
Introduction to the study of how children acquire spoken and written language

YEAR 13

Unit 2: Language diversity and change

Introduction to different varieties of language
Analysis of language from different social groups, regions, occupations and genres
Analysis of language varieties across time and internationally
Production of creative written responses to language issues

Non examination assessment

Language in action
A 2000 word investigation into an aspect of language
A 1500 word creative piece with analytical commentary

HOW WILL I BE ASSESSED AND EXAMINED?

In Year 12 students will complete two formal internal assessments alongside other teacher assessed work. In Year 13 students will complete twofinal examinations of 2 hours 30 minutes and independently produce two internally assessed pieces for external submission.

FUTURE COURSES AND POSSIBLE CAREERS

English Language is a qualification that is highly regarded by many universities for the breadth of knowledge it requires of students, as well as the analytical skills it develops. Little Heath School English Language students have gone on to study Psychology, History, Media, Film and Journalism. The course prepares students very effectively for careers in a number of disciplines, including Law, the media industry and sales or marketing.



A level ENGLISH LITERATURE AQA

WHY STUDY THIS SUBJECT?

The A level English Literature course (Specification B) is an exciting course that explores the impact of a range of English literary works over time. If you are an enthusiastic, independent reader who enjoys reading a wide range of literature and discussing it, then English Literature is an ideal course for you. As well as studying poetry, prose and drama written from the late 1500s to post 2000, it will develop your ability to think critically and express your arguments in well-structured, analytical essays.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE English Literature and English Language. It is vital that you enjoy reading regularly in your own time. You will also be given preparatory reading and tasks for the course when you sign up.

SYLLABUS

YEAR 12

Unit 2: Texts and Genres

The texts will be studied through the lens of 'political and social protest writing'.
You will study a post-2000 prose text (*The Kite Runner*).
You will also study a poetry text (Blake or Harrison) and one further text, one of which must be pre-1900 (*A Doll's House*).

YEAR 13

Unit 1: Literary Genres

These texts focus on aspects of comedy
You will study a Shakespeare play (*Twelfth Night*), a second drama text (*She Stoops to Conquer or The Importance of being Earnest*) and one further text (AQA Poetry anthology)

Non examination assessment:

You will independently study one poetry and one prose text of your choice You will then write two critical essays informed by your study of different literary theories from a Critical Anthology.

HOW WILL I BE ASSESSED AND EXAMINED?

In Year 12 level students will sit internal examinations - one of which will be closed book. In Year 13 students complete two external examinations, one of which is closed book. Students will also independently produce two critical essays of between 1250 – 1500 words, to be assessed internally.

FUTURE COURSES AND POSSIBLE CAREERS

English Literature is well regarded by universities as providing evidence of a candidate's ability to think, read and construct well-organised essays. Students of English Literature are able to undertake a wide variety of career pathways. You don't *have* to become a journalist or an English teacher!



GCSE ENGLISH LANGUAGE (RESIT)

WHY STUDY THIS SUBJECT?

English Language GCSE is a necessary qualification for degree courses and higher level apprenticeships. The English language qualification provides students with a range of skills including analytical and inferential skills. This course builds on and revises the key skills studied in years 10 and 11; this offers students an ideal opportunity to achieve an important GCSE Grade 4 or 5 qualification in English that is sought after by so many colleges, universities and employers.

ENTRY REQUIREMENTS

This course is suitable for students who have narrowly missed a Grade 4 in English in previous attempts. The qualification will be taken alongside other A level and BTEC courses, usually in Year 12. This qualification may be taken in November or June; this would be decided on an individual basis.

SYLLABUS

There are three components to this course:

Paper 1: Explorations in Creative Reading and Writing
External examination (1 hour 45 minutes) based on one fiction extract.50% reading (4 questions) and 50% writing (choice of 2 questions – narrative and/or descriptive writing)

Paper 2: Writers' Viewpoints and Perspectives
External examination (1 hour 45 minutes) based on two non-fiction extracts
50% reading (4 questions) and 50% writing (1 question – viewpoint writing)

Spoken Language
Individual presentation and accompanying discussion.

HOW WILL I BE ASSESSED AND EXAMINED?

Students will be examined externally through the two exams; each exam is 50% of the qualification.
The Spoken Language assessment may be carried forward from the previous series. If not, students will need to prepare a speech to present to the group and then answer a number of questions in response to it lasting up to ten minutes.

FUTURE COURSES AND POSSIBLE CAREERS

This GCSE English qualification will prepare students for future study and employment. Having a Grade 4 English Language qualification is a significant measure of success on anyone's CV!



EXTENDED PROJECT QUALIFICATION AQA

WHY STUDY THIS SUBJECT?

The Extended Project Qualification (EPQ) is designed to help students to develop independent study skills such as time management, research and planning.

One of the key things that the EPQ offers you is freedom of choice. You can choose a project in line with your interests or passions.

Many students who have recently finished their A levels at Little Heath School would identify the EPQ as the favourite part of their studies!

ENTRY REQUIREMENTS

You will need to present a viable proposal for your project along with a plan for your research which need to be extensive.

Applications will open in October of Year 12. You will be allocated lessons with your supervisor. Submission will follow in July of Year 12.

SYLLABUS

You choose what you want to do. There is a three hours of taught element each week with your EPQ supervisor, and you are expected to do a minimum of ninety hours of independent work outside of the supervised periods.

In the past few years, alongside more traditional essay submissions on philosophy, politics and religion, students have completed projects as diverse as building a Fender guitar, making a documentary, producing a series of lessons for a primary school project, designing dresses, sculpting, writing short stories and scripts.

Topics have included
"Why England will never win the World Cup", the negative effects of Facebook and Brazilian culture.

HOW WILL I BE ASSESSED AND EXAMINED?

Your 'product' will be in one of the following forms:

1. 'Traditional' 5000 word essay (long written report)
2. Multi-media presentation (electronic format)
3. A model (artefact)
4. A performance (live performance)

You will also need to submit a production log/diary of the process, a written report (of about 1000 words) and an end of project presentation of between ten and fifteen minutes for a non-specialist audience.

FUTURE COURSES AND POSSIBLE CAREERS

Universities (particularly Russell Group) and employers are increasingly valuing the EPQ. It has been a more regular part of interview programmes in recent years, with some students reporting that tutors discussed the EPQ for longer in the interview than other A level subject knowledge.



A level FILM STUDIES EDUQAS

WHY STUDY THIS SUBJECT?

Studying film provides you the opportunity to analyse and deconstruct a wide range of cinema. You will learn about the history and development of the film form by studying a variety of films eras, for example Hollywood from 1930-1990 where you will compare a film from 'Classic Hollywood' to 'New Hollywood'. As well as this you will study films from a range of cultures and movements, such as silent cinema, experimental film, and two foreign language films. Once you've learnt the key elements of film form, we hand it over to you. You will have the opportunity to work in small group practical lessons with our Technical Support Assistant, an ex-industry professional, to learn how to film, edit and produce your own short film or screen play for a narrative of your own choice.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE English Language and English Literature. An interest in a variety of films is essential. You will spend time over the course developing your IT and software skills so an interest in film and media production is also essential.

SYLLABUS

Component 1

Section A – Hollywood 1930-1990 *e.g. Some Like It Hot and Do The Right Thing*

Section B – American Film since 2005 *e.g. Joker*

Section C – British Film since 1995 *e.g. Trainspotting and This is England*

Component 2

Section A – Global Film *e.g. Pan's Labyrinth and House of Flying Daggers*

Section B – Documentary Film *e.g. Amy*

Section C – Silent Cinema *e.g. Buster Keaton short films*

Section D – Experimental Cinema *e.g. Memento*

Component 3 Non-exam assessment
This component assesses one production and its evaluative analysis.

You will produce either:
A short film (4-5 minutes)
A screenplay for a short film (1600-1800 words) which shall accumulate to a 5-page script and a digitally photographed storyboard of a key section from the screenplay

Both options also include an evaluative analysis (1600-1800 words).

HOW WILL I BE ASSESSED AND EXAMINED?

There will be internal examinations at the end of Year 12 andfinal externally-assessed examinations at the end of Year 13 for Components 1 and 2, which are both assessed through extended written responses.
Each of these examinations are worth 35% of the course.
Component 3 (NEA) will commence in Year 12 and continue into Year 13, worth the final 30% of the qualification.

FUTURE COURSES AND POSSIBLE CAREERS

Many of our Film students choose to pursue a career in the media or film industries, going to university to continue their studies or gaining work in local or London-based companies. Possible careers paths: film production (camera operator, director, photographer, editor, etc); script/screen-writer; journalism; film critic; advertising and marketing; production design; creative writing; photography; teaching.

Level 3 AAQ
Alternative Academic Qualification
FOOD SCIENCE and NUTRITION
WJEC

WHY STUDY THIS SUBJECT?

The WJEC Level 3 Alternative Academic Qualification in Food Science and Nutrition (Certificate) is designed for 16–18-year-olds who are passionate about food science, nutrition and health, and who are considering pursuing graduate careers in these fields. If you're interested in understanding the science behind food production, dietary health and how nutrition impacts well-being, this qualification is a great fit for you. It blends academic knowledge with practical application, helping you develop valuable real-world skills while building a solid academic foundation. This qualification is especially beneficial if you're looking to continue your education at university and pursue careers in areas such as dietetics, food science, nutrition consultancy, public health or food product development. It provides in-depth knowledge on key topics like food safety, the role of nutrients in the body and how to create innovative food products. By focusing on applied learning, it equips you with the research, analytical, and practical skills needed for university and beyond.

ENTRY REQUIREMENTS

You will require a Grade 4 or higher in GCSE English Language. Grade 5 or higher (Foundation or Higher tier) in Biology, Chemistry or Physics. Or a Grade 5-4 or higher (Foundation or Higher tier) in Combined Science. A GCSE in Food Preparation and Nutrition or Level 2 Hospitality and Catering is essential to study this course. Other useful GCSE subjects include Catering and PE.

SYLLABUS

YEAR 12

Unit 1: Nutritional Needs Across the Life Stages

This unit will provide you with an in-depth understanding of the properties and functions of nutrients, the impact of food production on nutritional value and how dietary requirements vary across different life stages. These topics are directly relevant to human nutrition and food science degrees.

YEAR 13

Unit 3: Principles of Food Hygiene and Food Safety

This unit is particularly relevant if you intend to pursue a career involving food technology, quality control and food safety management as it introduces fundamental concepts related to foodborne illnesses, hazard analysis and industry standards. These topics are widely covered in food science and public health degrees.

Unit 4: Experimenting to solve food production problems (optional)

You will develop research and investigative skills, mirroring scientific methodologies used in university-level courses. You will learn how to formulate hypotheses, design and conduct experiments, and analyse results.

HOW WILL I BE ASSESSED AND EXAMINED?

Unit 1: You will be assessed through a written examination: 1 hour 30 minutes - 25% of qualification - 80 marks

Unit 2: You will be assessed through a non-examination assessment (NEA). 9 hours 30 minutes - 25% of qualification - 100 marks

Unit 3: You will be assessed through a written examination. 1 hour 30 minutes - 25% of qualification - 80 marks

Unit 4: You will be assessed through a non-examination assessment (NEA). 12 hours - 25% of qualification - 100 marks

FUTURE COURSES AND POSSIBLE CAREERS

This qualification may be of interest to students who wish to pursue further study and graduate careers in areas where knowledge of food science and nutrition would be beneficial, even if food science and nutrition are not the primary focus. These include medicine and healthcare, sports and exercise science, and agriculture and environmental science.

Completion of this qualification can support progression to higher education courses such as BSc Food and Nutrition, BSc Food Science, BSc Human Nutrition, BSc Nutrition and Dietetics, BSc (Hons) Public Health Nutrition and BSc (Hons) Food Science and Technology.

A level FRENCH AQA

WHY STUDY THIS SUBJECT?

Learning any language can be fun, deeply rewarding and equip you with a wide range of desirable, transferable skills. As well as improving your language skills, you will learn how to express yourself clearly and cope with unfamiliar situations. You will not only study the French language, but also the culture and society of French-speaking countries throughout the world.
French is a key language in global trade and combines well with the study of many other subjects and can add an international dimension to any career.
Foreign languages skills are in demand by UK employers and the study of languages at A level is increasingly being seen as an advantage for applications to many different courses at the country's leading universities.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE French.
A positive approach, a willingness to talk (in French!) and a desire to learn and practise are, of course, necessary for success.

SYLLABUS

We study a range of topics relating to key themes, through which we develop our knowledge and use of the French language.

YEAR 12

Social issues and trends

The changing nature of the family
The cyber-society
The place of voluntary work

Political and artistic culture

A country proud of its heritage
Contemporary music
Cinema

Grammar

Works: 1 film

Individual research project

YEAR 13

Social issues and trends

Positive aspects of a diverse society

Life for the marginalised

How criminals are treated

Political and artistic culture

Teenagers and the right to vote

Political commitment

Immigration

Grammar

Works: 1 film and 1 literary text

Individual research project

HOW WILL I BE ASSESSED AND EXAMINED?

The exam is split into two written papers and a spoken exam which will be taken at the end of year 13 as an A level.

Paper 1 Listening, Reading and Writing - 50%

Paper 2 Writing about a French film or literary text - 20%

Paper 3 Speaking - Presentation and discussion - 30%

FUTURE COURSES AND POSSIBLE CAREERS

The ability to speak French will make you very attractive to future employers! It can offer opportunities to travel and to work and live abroad. Teaching, hotel and leisure industries, tourism, banking, advertising, journalism, the airline industry, manufacturing and engineering are just some of the careers that favour an employee with another language. There are many courses at universities that involve studying French either on its own or as part of a combination with another subject. Many courses involve spending time in a French speaking country.

A level GEOGRAPHY AQA

WHY STUDY THIS SUBJECT?

Geography is highly valued by universities as an A level choice. At Little Heath School, the course covers both the human and the physical environment and the complex interaction of processes that shape our world. It will also, importantly, show the applied side of the subject - how human intervention affects the environment. There is plenty of room for discussion and extended research which will help you to become an independent thinker and learner, using case studies from around the world to support your ideas.

ENTRY REQUIREMENTS

You will require a Grade 4 or higher in GCSE Geography, and at least Grade 4 in English and Mathematics.

SYLLABUS

YEAR 12

Unit 1: Physical Geography

Section B: Coastal systems and landscapes

Section C: Hazards

Unit 2: Human Geography

Section B: Changing places

Section C: Contemporary urban environments

YEAR 13

Unit 1: Physical Geography

Section A: Water and carbon cycles

Unit 2: Human Geography

Section A: Global systems and global governance

Unit 3: Personal Investigation

Students complete a 3000-4000 word individual investigation in Year 13 which must include data collected in the field during Year 12. The individual investigation must be based on a question or issue defined and developed by the student relating to any part of the specification content. Students will complete four days of field work in preparation for this element of the course.

HOW WILL I BE ASSESSED AND EXAMINED?

There will be internal assessments at the end of Year 12 and students will sit twofinal examination worth 40% each and a geographical investigation based on field work which is worth 20% of the final mark.

FUTURE COURSES AND POSSIBLE CAREERS

Studying A level Geography will equip you with the necessary skills for a wide range of future courses and careers. Geographers are considered to be skilled in a number of ways, being literate, numerate and able to work well as part of a team. As such, they are well respected by future employers, opening doors for future careers ranging from law to accountancy to business and town planning.



A level GERMAN AQA

WHY STUDY THIS SUBJECT?

Learning any language can be fun, deeply rewarding and equip you with a wide range of desirable, transferable skills. As well as improving your language skills, you will learn how to express yourself clearly and cope with unfamiliar situations. You will not only study the German language, but also the culture and society of German- speaking countries throughout the world. German language and culture has had a huge influence on our own language and culture. It combines very well with many other subjects and as it is the most highly- demanded language by UK employers can open the door to many exciting career opportunities. The study of languages at A level is increasingly being seen as an advantage for applications to many different courses at the country's leading universities.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE German. A positive approach, a willingness to talk (in German!) and a desire to learn and practise are, of course, necessary for success.

SYLLABUS

We study a range of topics relating to key themes, through which we develop our knowledge and use of the German language.

YEAR 12

Social issues and trends

The family

The digital world

Fashion, music and television

Political and artistic culture

Festivals and traditions

Art and architecture

Cultural life in Berlin

Grammar

Works: 1 film

Individual research project

YEAR 13

Multiculturalism in German-speaking society

Immigration

Integration

Racism

Political and artistic culture

Germany and the EU

Politics and youth

German reunification and its consequences

Grammar

Works: 1 film and 1 literary text

Individual research project

HOW WILL I BE ASSESSED AND EXAMINED?

The exam is split into two written papers and a spoken exam which will be taken at the end of year 13 as an A level.

Paper 1 Listening, Reading and Writing - 50%

Paper 2 Writing about a French film or literary text - 20%

Paper 3 Speaking - Presentation and discussion - 30%

FUTURE COURSES AND POSSIBLE CAREERS

The ability to speak German will make you very attractive to future employers! It can offer opportunities to travel and to work and live abroad. Teaching, hotel and leisure industries, tourism, banking, advertising, journalism, the airline industry, manufacturing and engineering are just some of the careers that favour an employee with another language. There are many courses at universities that involve studying German either on its own or as part of a combination with another subject. Many courses involve spending time in a German speaking country.

BTEC Level 3 National Extended Certificate in HEALTH and SOCIAL CARE (AAQ)

Pearson

WHY STUDY THIS SUBJECT?

Health and Social Care is always going to be essential in society. This is a vocational Level 3 course which provides a broad understanding of health, social care and early years' services. You will learn about a number of diverse issues including human growth and development, human rights, equality and diversity and human behaviour. You will apply your knowledge in realistic and practical ways, including local case studies and small research projects.

This BTEC Level 3 qualification is equivalent in size to 1 A level. This BTEC course would be a natural compliment for the BTEC Level 3 Early Childhood Development Extended Certificate Course

ENTRY REQUIREMENTS

For the BTEC Level 3 course you will require a Grade 4 or higher in GCSE English (Language preferred) or have successfully completed BTEC Health and Social Care at Level 2 with at least a Merit. An interest in supporting vulnerable people and a caring nature is essential.

SYLLABUS

YEAR 12

Unit 1: Human Lifespan and Development

Unit 6: Safe Environments in Health and Social Care

YEAR 13

Unit 2: Human Biology and Health

Unit 3: Principle of Health and Social Care

HOW WILL I BE ASSESSED AND EXAMINED?

There is a strong emphasis on assignment style submission of work from students, along with 2 external exams which need to be completed.

Unit 1 and Unit 2 will be examined by a traditional style external examination. Unit 6 and Unit 3 will be assessed via assignment style submission of work by students which is internally assessed.

FUTURE COURSES AND POSSIBLE CAREERS

The BTEC Level 3 Health and Social Care course helps you to develop transferable skills that colleges, universities and employers value in today's increasingly competitive job market. Examples of further education courses taken by past students include: BSc in Health and Social Care, BA in Education (Primary Teaching), BA in Sociology or Psychology, BA Education, BSc in Nursing (adult, children's, mental health and learning disabilities). Some students choose to use their Level 3 to go straight into employment, for example, students have taken up jobs in doctors' surgeries and in hospitals.



A level HISTORY OCR

WHY STUDY THIS SUBJECT?

In this exciting and rewarding course, you will study many different periods of British, European and world history in depth, at the same time learning how to assess the validity of an argument and make informed judgements. You will develop the skill of presenting a well-ordered case backed by relevant and supporting evidence. Most importantly, History students excel at critical analysis and develop the ability to express their ideas, knowledge and interpretations clearly and coherently. If you enjoy the study of the past both for its own sake and also for the light it throws on the present, then A level History is for you.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE History. We recommend that you have studied History previously, but if you have not we require a minimum Grade 5 in English Language.

SYLLABUS

YEAR 12

Unit 1: Elizabethan England 1547 - 1603

The stability of the monarchy
Religious changes in the mid Tudor period
Elizabeth and religion
Nature of government and parliament
Financial and economic affairs
Elizabeth's later years 1588 - 1603

Unit 2: Cold War in Asia 1945 - 1993

Western Policies in Post War Asia 1945 - 1979
The Korean War 1950 - 1953 and its impact to 1977
Indochina 1945 - 1967
Wars in Vietnam and Cambodia 1968 - 1993

YEAR 13

Unit 3: Independent Enquiry

This will consist of a 3000 - 4000 word essay which tests your interpretation of primary and secondary sources. This can be written on a topic of your choice but may be guided by teacher recommendation.

Unit 4: Russia and its Rulers 1855-1964

Russian rulers - the nature of government
Impact on economy and society
Impact of war and revolution on the development of Russian government
Russia: Empire, nationalities and satellite states

HOW WILL I BE ASSESSED AND EXAMINED?

There will be internal assessments in Year 12 andfinal examinations in Year 13.
The coursework is worth 20% of the final mark.

FUTURE COURSES AND POSSIBLE CAREERS

History is considered an extremely worthwhile A level subject for entry to almost all degree courses, with students being seen to develop a range of skills including research, analysis and independent thinking. In the same way, this can then lead to a variety of careers in the media, politics, law, business and finance.

Level 3 Cambridge Advanced National in IT

DATA ANAYLTICS (AAQ)

OCR

WHY STUDY THIS SUBJECT?

It will develop knowledge, understanding and skills that will help prepare you for progression to undergraduate study when taken alongside other qualifications and are relevant to the information technology sector.

ENTRY REQUIREMENTS

Sixth Form work requires a high level of motivation and self-discipline. Success depends on the student being organised to meet deadlines and motivated to work independently. You will require a Grade 4 in GCSE English Language and Mathematics. It is not a vital requirement that ICT has been studied in previous years, however, if ICT was taken at GCSE, we require a Grade 4.



Level 3 Cambridge Advanced National in IT

DATA ANAYLTICS (AAQ)

OCR

COURSE OVERVIEW

Data Analytics (Certificate) is for students aged 16-19 years old. It will develop knowledge, understanding and skills that will help prepare you for progression to undergraduate study when taken alongside other qualifications and are relevant to the information technology sector.

Through a combination of theoretical study and hands-on experience, you will develop the necessary knowledge and skills that can support progression to higher education information technology study.

SYLLABUS

Students must complete five units:

Two externally assessed units

Three NEA units

Externally assessed units (by exam)

Fundamentals of data analytics (M) Y12

Big data and machine learning (M) Y12/Y13

Three NEA units from:

Spreadsheet data modelling (M) Y12

Relational database design

Data and the Internet of Everything (IoE)

Data visualisation

Data and digital marketing

HOW WILL I BE ASSESSED AND EXAMINED?

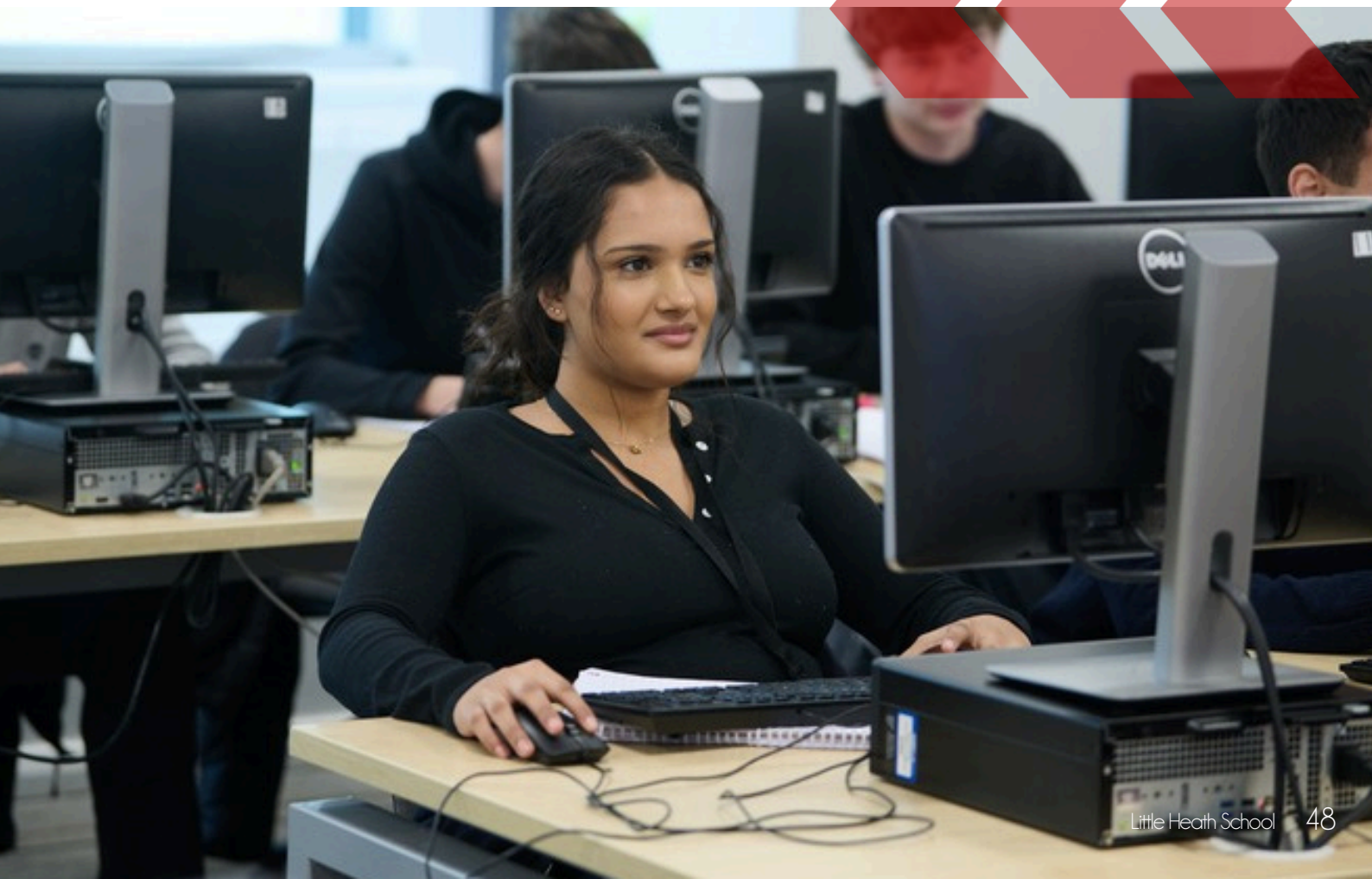
Students must complete five units:
- two externally assessed units
- three NEA units

Externally assessed units (by exam)
- Fundamentals of data analytics (M) Y12
- Big data and machine learning (M) Y12/Y13

FUTURE COURSES AND POSSIBLE CAREERS

This qualification will help you progress to further study (apprenticeships/university) in related areas such as:

- Business Analytics
- Information Technology
- Digital Marketing



Core Maths
Level 3 in Mathematical Studies
AQA

WHY STUDY THIS SUBJECT?

Core Maths is an excellent way to strengthen your mathematical skills alongside your other courses. Although it is not an A Level, it is a recognised Level 3 qualification and carries the same UCAS Tariff points as an AS Level qualification, with up to 20 UCAS points available depending on the grade achieved. There are several universities who will reduce their conditional offer should a student also have a qualification in Core Maths.

The course is particularly useful for students studying subjects such as Business, Economics, Psychology, Geography, Biology and the social sciences, where mathematical and statistical skills are increasingly important. It develops valuable problem-solving and analytical skills that are highly regarded by universities and employers.

ENTRY REQUIREMENTS

Core Maths is for students who have achieved at least a Grade 4 in GCSE Mathematics and want to continue developing their mathematical skills without taking A Level Maths. It focuses on applying maths to real-life situations, helping students become more confident and capable users of mathematics in both academic and everyday contexts.

SYLLABUS

The course covers a range of practical and relevant topics, including:

- Personal finance, such as loans, mortgages, taxation and budgeting
- Statistics and data analysis
- Probability and risk
- Estimation and mathematical modelling
- Interpreting graphs, charts and real-world data
- Critical Path Analysis, a project-planning technique widely used in business and industry
- Problem-solving using mathematics in realistic scenarios

These topics help students understand how mathematics is used in everyday life, the workplace and higher education.

HOW WILL I BE ASSESSED AND EXAMINED?

You will have two calculator papers at the end of year 12, both worth 60 marks. You will be graded A-E from the total score of both papers. Pre-requisite material is released on the 1st March and you will prepare for your exams based on this material between March and your examinations in May with the support of your teacher.

FUTURE COURSES AND POSSIBLE CAREERS

Whether you are planning to attend university, begin an apprenticeship or move directly into employment, Core Maths provides practical mathematical skills that will support your future studies, career and everyday decision-making.



A level MATHEMATICS Edexcel

WHY STUDY THIS SUBJECT?

Mathematics is important! The main reason for studying A level Mathematics is that it is a rewarding and exciting course. Mathematics is a universal part of human culture, being the tool and language of commerce, engineering and other sciences. For those who love its clarity and challenge, Mathematics is considered to be elegant and beautiful. Within the A level course, you will have the opportunity to study Pure Mathematics, Statistics and Mechanics. Statistics links well with Psychology, Biology, Economics and Geography (among others) and Mechanics links well with Physics.

ENTRY REQUIREMENTS

You will need to have studied Higher Tier and have gained at least a Grade 6, preferably Grade 7 in GCSE Mathematics.

SYLLABUS

YEAR 12

Pure Mathematics

Proof
Algebra and functions
Coordinate geometry
Sequences and series
Trigonometry Exponentials and Logarithms
Calculus
Vectors

Statistics

Sampling
Data presentation and interpretation
Distributions
Hypothesis testing

Mechanics

Kinematics
Forces
Newton's Laws

A level MATHEMATICS Edexcel

YEAR 13

Pure Mathematics

Proof
Algebra and functions
Coordinate geometry
Sequences and series
Trigonometry
Exponentials and logarithms
Calculus
Numerical methods
Vectors

Statistics

Sampling
Data presentation and interpreting
Probability
Hypothesis testing

Mechanics

Kinematics
Forces
Newton's Laws
Moments
Distributions



HOW WILL I BE ASSESSED AND EXAMINED?

There will be external examinations at the end of Year 13. Students will also be internally assessed in the summer of Year 12.

FUTURE COURSES AND POSSIBLE CAREERS

An A level in Mathematics would be highly recommended for students who wish to pursue future study or career pathways in a number of areas including: engineering (e.g. electrical, mechanical, computer, civil, chemical etc.), Physics, Chemistry and other related sciences, Computer science, actuary/finance, accountancy, pilot/astronaut, Medicine/veterinary surgeon, meteorology... the list is endless!

Check out the website www.mathscareers.org for more information.



AS level FURTHER MATHEMATICS Edexcel

WHY STUDY THIS SUBJECT?

AS level Further Mathematics is an enjoyable rewarding course which will support students who wish to study a STEM subject at university. It supports A level Mathematics by extending the concepts taught and offers a taster of Decision Mathematics.
Anyone thinking of studying A level Further Mathematics will be entered into AS Further Mathematics in Year 12. There will then be an opportunity to continue into Year 13 to complete the full A level. Universities will often drop their grade offers to those students who study Further Mathematics.

SYLLABUS

YEAR 12 Compulsory Content
Complex numbers
Series
Roots of polynomials
Volume of revolution
Matrices Linear transformations
Proof by induction
Vectors

Statistics
Discrete random variables
Poisson distribution
Hypothesis testing
Chi Squared tests

Discrete
Algorithms
Graphs and Networks
Chinese Postman
Linear Programing
Critical Path Analysis

A level FURTHER MATHEMATICS Edexcel

WHY STUDY THIS SUBJECT?

A level Further Mathematics is an enjoyable, rewarding and stimulating course. It is a challenging qualification which extends and deepens knowledge and understanding beyond the standard A level Mathematics curriculum. Anyone thinking of studying Mathematics at university should study Further Mathematics.

ENTRY REQUIREMENTS

The Further Mathematics course is targeted at more able Mathematics students who are already studying Mathematics because of its challenging content. You will require a Grade 7 or higher at GCSE Mathematics as the course is considerably harder than Mathematics A level.

SYLLABUS

YEAR 13 Compulsory Content

Complex numbers
Series volumes of revolution
Further calculus
Differential equations
Polar coordinates
Hyperbolic functions

Statistics

Discrete random variables
Poisson and Binomial distributions
Geometric and negative binomial distributions
Hypothesis testing
Central limit theorem
Chi squared tests
Probability generating functions

Discrete

Graphs and networks
Travelling salesman
The simplex algorithm

HOW WILL I BE ASSESSED AND EXAMINED?

Further Mathematics is a modular A level and at AS and A2 assessed throughfinal examination, testing knowledge and application of the key concepts delivered throughout the course. There are four exam papers, each 1 hour 30 minutes long (75 marks each):

Paper 1: Pure Core Maths 1
Paper 2: Pure Core Maths 2
Paper 3: Further Statistics 1
Paper 4: Decision Maths 1

FUTURE COURSES AND POSSIBLE CAREERS

An AS or A level in Further Mathematics would be highly recommended for students with study or career aspirations in many areas including: many types of Engineering (e.g. electrical, mechanical, computer, civil, chemical etc.), Physics, Chemistry and other related sciences, computer science, actuary/ finance, accountant, pilot/astronaut, medicine/veterinary surgeon, meteorology... the list is endless!



GCSE MATHEMATICS AQA

WHY STUDY THIS SUBJECT?

The AQA Linear Mathematics GCSE is a qualification that is designed to develop students' mathematical skills in number, geometry, algebra and data handling. Students will learn how to use a wide range of mathematical techniques to solve real-life problems. This course offers students the ideal opportunity to achieve an all important GCSE Grade 5 qualification in Mathematics that is sought after by so many colleges, universities and indeed employers.

ENTRY REQUIREMENTS

This course is suitable for students who have narrowly missed a Grade 4 in Mathematics in previous attempts. The qualification will be taken alongside other A level and BTEC courses, usually in Year 12.

SYLLABUS

This AQA GCSE in Mathematics A qualification requires students to develop knowledge, skills and understanding of Mathematical methods and concepts, including:

Unit 1: Number
Unit 2: Algebra
Unit 3: Geometry
Unit 4: Measures
Unit 5: Statistics
Unit 6: Probability

Through these topics, the syllabus will enable student to use their knowledge and understanding to make connections between mathematical concepts and to apply the functional elements of mathematics in everyday and real-life situations.

HOW WILL I BE ASSESSED AND EXAMINED?

Students will be assessed in line with the examination board specification. Preparation for the final examination will take place throughout the year. The course content will be delivered in clear topics to support students in approaching the examination positively, and additional materials, including practice papers, will be made available to assist with this. The course will be assessed through two final examinations, one with a calculator and one non-calculator.

FUTURE COURSES AND POSSIBLE CAREERS

This GCSE Mathematics qualification will prepare students for future study and employment. Having a Grade 4 in Mathematics qualification is a significant measure of success on anyone's CV!



A level MEDIA STUDIES EDUCAS

WHY STUDY THIS SUBJECT?

Studying Media gives you the opportunity to analyse and deconstruct the fast-moving, media-rich world that surrounds us. You will learn how different institutions create (and often control) the media. For example, how the BBC create their television dramas and how Bauer Media and IPC create magazines for different audiences. Once you have learnt how the professionals do it, we let you have a go! You will have the opportunity to work in small group practical lessons with our Technical Support Assistant, an ex-industry professional, to learn how to create your own music magazines and videos, so that you really understand how these products are created.

ENTRY REQUIREMENTS

You will require a Grade 4 or higher in GCSE English Language and English Literature. Attention to current affairs is essential. You will spend time over the course developing your IT and software skills, so an interest in film and media production is also essential.

SYLLABUS

There are three components to this course:

COMPONENT 1:

Media Products, Industries and Audiences

This component covers all of the following media forms: music videos, video games, advertising, film marketing, newspapers and radio news/current affairs programmes. You will look at how representations are created within these media forms, how audiences are targeted by them, as well as be able to apply a variety of media theories to each. The exam consists of two sections:

Section A: Analysing Media Language and Representation

Section B: Understanding Media Industries and Audiences

COMPONENT 2:

Media Forms and Products in Depth

This component assesses knowledge and understanding of media language, representation, industry and audiences through an in-depth study of three key media industries.

The exam consists of three sections:

Section A - Television in the Global Age

You will study the television industry and two set television products in detail, one of which is British and another which comes from another country, for example, Peaky Blinders and The Bridge.

Section B - Magazines: Mainstream and Alternative Media

You will study the magazine industry and two set magazine products in-depth for this unit, one of which is a historical edition, for example Woman and Adbusters.

Section C - Media in the Online Age

You will study online media forms and two set online products in detail, for example KSI and Attitude.

COMPONENT 3: Cross Media Production (Non-exam assessment) This component provides you with the opportunity to show your knowledge and understanding in a practical, creative way. You will be asked to fulfil a specific brief to create a cross-media campaign for a specific target audience. Some examples from the past have been to film a music video, create album art and construct a magazine front cover as a marketing tool.

HOW WILL I BE ASSESSED AND EXAMINED?

There will be internal assessments at the end of Year 12 and final externally-assessed examinations at the end of Year 13 for Components 1 and 2, which are both assessed through extended written responses.

Each of these examinations are worth 35% of the course.

Component 3 (NEA) will commence in Year 12 and continue into Year 13, worth the final 30% of the qualification.

FUTURE COURSES AND POSSIBLE CAREERS

Many of our Media students choose to pursue a career in the media or film industries, going to university to continue their studies or gaining employment in local or London-based companies. Possible careers paths: media production (camera operator, director, photographer, editor); advertising and marketing; script/screen writer; journalism; content creator; social media manager; press relations; creative writing; photography; teaching.

A level MUSIC AQA

WHY STUDY THIS SUBJECT?

The A level Music course gives students the chance to develop their skills in three key areas of music – performance, composition and analysis. This diverse course caters to dedicated musicians from all backgrounds, from classically-trained orchestral performers to rock, or pop-inspired songwriters. You will have access to industry standard sequencing and scoring software as well as a purpose built recording studio. You will also have the opportunity to join the school's exciting extra-curricular programme of concerts, Battle of the Bands and whole-school musical productions.

ENTRY REQUIREMENTS

You will require a Grade 4 or higher in GCSE Music. Specialist tuition on your chosen instrument is essential and you should aim to be at Grade 5 standard at the start of this course.

SYLLABUS

YEAR 12 Component 1: Appraising music
Analysis of excerpts of music from two Areas of Study (AoS). One AoS must be the Western Classical Tradition but the other one we can choose; Pop Music, Jazz and Music for Media are some of our options.
In the exam, you must demonstrate your understanding of these AoS through answering shorter questions and four extended answers on these excerpts but also on unfamiliar pieces of music.

Component 2: Performance
You will be required to perform a 6-minute recital in the Spring Term in one or more of the following formats:
A solo performance (instrumental or vocal).
An ensemble performance (instrumental or vocal).
A sequenced performance through use of our sequencing software.

A level MUSIC AQA

Component three: Composition

In the Autumn Term we will work on a composition portfolio so that a variety of composition techniques are developed before commencing a piece of non-examined assessment. Compose a 3 minute composition. This is a 'free composition' so it can be a piece of music of your choice.

YEAR 13

Component 1: Appraising music

Analysis of excerpts of music from three Areas of Study (AoS). One AoS must be the Western Classical Tradition but the other two we can choose; Pop Music, Jazz and Music for Media are some of our options. (You would have studied two of these AoS in Year 12).

In the exam, you must demonstrate your understanding of these AoS through answering shorter questions and six extended answers on these excerpts but also on unfamiliar pieces of music.

Component 2: Performance

Submit a 10-minute performance portfolio in one or more of the following formats:

A solo performance (instrumental or vocal).

An ensemble performance (instrumental or vocal).

A sequenced performance through use of our sequencing software.

Component 3: Composition

Submit two compositions, both of which must last for a minimum of 4 and half minutes:

Composition 1: Composition to a brief (such as a film clip, a video game, song lyrics, a chord sequence, and a rhythmic pattern to name a few).

Composition 2: Free composition (You may compose a piece of music of your choice). You would have started this composition in Year 12 but will be given time to improve it during Year 13.

HOW WILL I BE ASSESSED AND EXAMINED?

At A2 Level you will be required to prepare a longer musical recital, create a composition portfolio compiling of two different compositions and continue to develop your ability to analyse musical features and identify them from extracts of music.

FUTURE COURSES AND POSSIBLE CAREERS

Studying A level Music will provide you with a vast array of skills suitable for a range of future courses and careers including music performance, musical theatre, freelance composition, music therapy and teaching performing arts. In addition, these qualifications will enrich your A level studies that universities and future employers will value; your ability to compose to exact specification will show your creativity and your skills at thinking outside the box; your ability to perform a recital will show the culmination of your journey of building confidence, pride and risk taking to produce a final performance; and the requirement of identifying musical features will demonstrate your ability to pick out patterns and sounds that need analysing. Whether you are deciding to take a job in the music industry or not, Music will develop valuable skills for future employment.



A level MUSIC TECHNOLOGY Edexcel

WHY STUDY THIS SUBJECT?

Studying Music Technology gives you the opportunity to develop your skills in three key areas – recording and production techniques, the principles of sound and audio technology and the development of recording and production. You will have access to our purpose-built recording studio and will be given the opportunity to develop the technical skills needed to excel in this exciting field of work. This subject provides a solid foundation for musicians whose interests lie in contemporary music, either behind the scenes as an engineer/producer, or in the spotlight as a performer/composer.

ENTRY REQUIREMENTS

You will require a Grade 4 or higher in GCSE Music. You will also need to have experience of listening to a wide variety of popular music styles from 1930 to the present day. These music styles should range from soul to reggae to electronic and dance to rock 'n' roll.

SYLLABUS

YEAR 12 Component 1: Recording
You will be required to submit a 2 to 2 ½ minute multi-track recording, chosen from a list of 10 songs supplied by the exam board. It must consist of a minimum of three compulsory instruments and two additional instruments.

Component 2: Technology-based composition
Submit a 2 ½ minute composition based on a brief set by the exam board. (Students will have a choice of three briefs). Synthesis, sampling/audio manipulation and creative effects must be included.

Component 3: Listening and analysing
In this exam, students will be required to demonstrate their understanding of recording and production techniques and principles when listening to unfamiliar recordings. Students will primarily be asked to answer shorter questions about separate pieces of unfamiliar music but will also be required to provide an extended written response on one occasion in the exam.

A level MUSIC TECHNOLOGY Edexcel

Component 4: Producing and analysing In this exam, students will be required to demonstrate their knowledge and understanding of editing, mixing and production techniques to unfamiliar materials. Students will be given audio and MIDI materials in the practical element of the exam.
Students will also be required to demonstrate their understanding of specific signal processes, effects or music technology hardware units in a written response.

YEAR 13

Component 1: Recording
You will be required to submit a 3 to 3 ½ minute multi-track recording, chosen from a list of 10 songs supplied by the exam board. It must consist of a minimum of five compulsory instruments and two additional instruments.

Component 2: Technology-based composition
Submit a 3 minute composition based on a choice of three briefs set by the exam board. Synthesis, sampling/audio manipulation and creative effects must be included.

Component 3: Listening and analysing
In this exam, students will be required to demonstrate their understanding of recording and production techniques and principles when listening to unfamiliar recordings. Students will primarily be asked to answer shorter questions about separate pieces of unfamiliar music but will also be required to provide two extended written responses, the first a comparison question and the second based on one unfamiliar commercial recording.

Component 4: Producing and analysing
In this exam, students will be required to demonstrate their knowledge and understanding of editing, mixing and production techniques to unfamiliar materials. Students will be given audio and MIDI materials in the practical element of the exam.
Students will also be required to demonstrate their understanding of specific signal processes, effects or music technology hardware units in a written response.

HOW WILL I BE ASSESSED AND EXAMINED?

Components 1 and 2 at A level, are non-examined assessments. Students will complete these tasks in school and these will be submitted and marked externally. Components 3 and 4 are examinations which will be sat in the examination period in the Summer Term.

FUTURE COURSES AND POSSIBLE CAREERS

Studying A level Music Technology will provide you with a vast array of skills suitable for a range of future courses and careers including studio production, sound engineering, freelance composition and teaching to name a few.

In addition, these qualifications will enrich your A level studies that universities and future employers will value. It develops powers of analysis, listening skills, ICT skills and the ability to create music to exact specification; all considered as valuable skills in a range of fields.



A level PHILOSOPHY AQA

WHY STUDY THIS SUBJECT?

Studying Philosophy at A level involves debating and discussing some of the deepest and universal questions. You will be able to get a broad insight into the development of philosophical thought that extends from Plato through to thinkers such as Thomas Aquinas, David Hume, Bertrand Russell and many others. You will be able to see how human beings have attempted to make sense of the universe, asked questions about the nature and meaning of existence and struggled with questions about right and wrong.
Questions asked include:
What can we know?
Is there a God?
Is the mind the same as the brain?
How should we live?
How should we treat others?

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE English. A GCSE in Religious Studies would be useful but not essential. The RE Department are happy to discuss these requirements in individual cases, so do please come and talk to us if you are interested in the course but concerned you may not achieve these grades.

SYLLABUS

YEAR 12

Epistemology (Knowledge)
What are the immediate objects of perception?
What is knowledge?
Can we be certain of anything?
Where does knowledge come from?

Ethics (Right and Wrong)
How do we decide what is morally right to do?
What's the right thing to do in our treatment of animals?
Is right and wrong just opinion?
Are violent video games immoral?
Are there facts about what is right and wrong?
Is it ever right to lie?

YEAR 13

Philosophy of Mind (Brains and Minds)

What is the relationship between the physical brain and the experienced mind?
Is everything in our minds reducible to a physical fact about our brains?

Philosophy of Religion (God)

What is God?
What philosophical questions are raised by the concept of God?
Can God be proven to exist through philosophical argument?
What are we doing when we talk about God?

HOW WILL I BE ASSESSED AND EXAMINED?

Candidates will be assessed in two 3 hour papers at the end of the course.
There is no coursework and there will also be internal examinations at the end of Year 12.

FUTURE COURSES AND POSSIBLE CAREERS

Studying Philosophy at A level will help you to develop transferable key skills that are vital for success in a wide range of courses and careers including critical and independent thinking, reasoned arguing and debating, as well as open-minded and persistent thinking.

People studying Philosophy are well prepared for jobs which require people to think clearly and rigorously, such as management consultancy, accountancy, law, politics, the civil service, journalism, advertising and education.

A level PHYSICAL EDUCATION OCR

WHY STUDY THIS SUBJECT?

Studying an A level in Physical Education enables you to develop an understanding of how the body is affected by exercise, focusing on the key outside influences on participation in physical activity as well as how the mind operates prior to and during exercise. You will also develop an understanding of how to analyse performance, commenting on strengths and weaknesses, and how to plan a training programme to further improve performance.

ENTRY REQUIREMENTS

You will require a Grade 5 in GCSE Physical Education and a Grade 5 in Science or Biology. You must be performing at least one sport outside of school, preferably two.

SYLLABUS

YEAR 12 Unit 1: Physiological Factors Affecting Performance
Applied anatomy and physiology Exercise physiology
Biomechanics

Unit 2: Physiological Factors Affecting Performance
Skill acquisition
Sports psychology

YEAR 13
Unit 3: Sociocultural Issues in Physical Activity and Sport
Sport and society
Contemporary issues

Unit 4: Performance in Physical Education
Practical performance in one sport and analysing other strengths and weaknesses linking to theoretical knowledge.

HOW WILL I BE ASSESSED AND EXAMINED?

Your theoretical knowledge will be examined in 3 separate papers. These added together will equate to 70% of your final mark. You will be assessed in one practical examination in your chosen sport, which will lead to an external examination at the end of Year 13. There is also a coursework element based on observation and analysis of a practical activity.

FUTURE COURSES AND POSSIBLE CAREERS

Studying an A level in Physical Education will equip you with a vast array of skills suitable for a range of future courses at college or university, including Sports science, Sports studies, Physiotherapy, Sports psychology, Sports nutrition and injury and rehabilitation. It can also lead to a career in a wide range of different fields, for example as a coach, physiotherapist, sports psychologist, personal trainer or sports researcher.



BTEC Level 3 National Extended Certificate in SPORT

Edexcel

WHY STUDY THIS SUBJECT?

Studying BTEC Level 3 Sport enables you to develop an understanding of different aspects of sport. You will develop the ability to work independently on assignments and also to work collaboratively in groups when leading coaching sessions for younger pupils. The course provides a range of exciting opportunities to study sport and fitness in a vocational setting.

ENTRY REQUIREMENTS

You will require at least a Pass or higher at NCFE Level 2 Sport or a Grade 4 in GCSE PE. An interest in sport is essential.

SYLLABUS

YEAR 12

Unit 1: Principles of Anatomy and Physiology in Sport.
Exam 1 hour and 30 minutes.
Skeletal system
Muscular, system
Respiratory system
Cardiovascular system
Energy system

Unit 3: Professional development in sport.
Coursework written assignment. Career and job opportunities in the sports industry
Sports career development action plan

YEAR 13

Unit 2: Fitness training programme for health and wellbeing based exam. Task based exam

Effects of lifestyle choices on individual's health and wellbeing.

Unit 4: Sports Leadership

The roles, qualities, and characteristics of an effective sports leader.

The importance of psychological factors and their link with effective leadership.

HOW WILL I BE ASSESSED AND EXAMINED?

The course will be assessed through a mixture of coursework and examinations. Unit 1 and 2 will be assessed through examinations. Unit 3 and 4 are assessed through coursework.

All units are structured through smaller assignments to support the learning of the content.

FUTURE COURSES AND POSSIBLE CAREERS

BTEC Level 3 Sport can lead to college courses associated with sport, exercise and leisure, along with university courses in exercise, PE, sport and leisure. It can also lead to careers in the sport, exercise and leisure industry.

A level PHYSICS OCR

WHY STUDY THIS SUBJECT?

A Level Physics is a challenging and rewarding course for students who are curious about how the universe works and enjoy solving problems.
Students develop strong analytical, mathematical, practical and problem-solving skills while exploring fundamental ideas ranging from forces, waves and electricity to quantum physics, astrophysics and medical imaging.
Practical work is an important part of the course, allowing students to develop experimental, analytical and data-handling skills alongside their theoretical understanding.
Physics is particularly suited to students who enjoy asking questions, applying mathematics and using evidence to understand and explain the physical world.

ENTRY REQUIREMENTS

You will require at least a Grade 5-5 in GCSE Science (Higher Tier) or a single Physics GCSE of Grade 5 or higher (Higher Tier) and a Grade 5 or higher in Mathematics (Higher Tier) and English Language. Studying Mathematics at A level will complement and support Physics A level, but is not essential.

SYLLABUS

The course consists of six interconnected modules:

Module 1 – Development of practical skills in physics
Practical skills assessed in the written examinations and through the Practical Endorsement.

Module 2 – Foundations in physics
Physical quantities and units, making measurements and analysing data, and the nature of quantities.

Module 3 – Forces and motion
Motion, forces in action, work, energy and power, materials, Newton's laws of motion and momentum.

Module 4 – Electrons, waves and photons
Charge and current, energy, power and resistance, electrical circuits, waves and quantum physics.

Module 5 – Newtonian world and astrophysics
Thermal physics, circular motion, oscillations, gravitational fields, astrophysics and cosmology.

Module 6 – Particles and medical physics
Capacitors, electric fields, electromagnetism, nuclear and particle physics, and medical imaging.

Modules 1–4 are mainly developed during Year 12, with Modules 5 and 6 principally taught during Year 13. Knowledge and skills from across the course are assessed in the final examinations.

Practical work is at the heart of Physics as A Level practical skills are continuously assessed throughout the 2 years course and may also be part of the written examination.

HOW WILL I BE ASSESSED AND EXAMINED?

Students complete three written examinations at the end of Year 13:
Modelling physics (H556/01) 100 marks | 2 hours 15 minutes | 37% Assesses Modules 1, 2, 3 and 5.
Exploring physics (H556/02) 100 marks | 2 hours 15 minutes | 37% Assesses Modules 1, 2, 4 and 6.
Unified physics (H556/03) 70 marks | 1 hour 30 minutes | 26% Assesses content from all six modules.
Students also complete the Practical endorsement in physics (H556/04),
which is a non-exam assessment and is reported separately from the A Level grade.
Practical skills are developed throughout the course
and are assessed both in the written examinations
and through the Practical Endorsement.

FUTURE COURSES AND POSSIBLE CAREERS

A Level Physics is highly valued by universities and employers because of the analytical, mathematical, experimental and problem-solving skills it develops. It provides excellent preparation for further study in areas including Physics, Engineering, Aerospace Engineering, Astrophysics, Mathematics, Computer Science, Architecture and Medical Physics, as well as many other scientific and technical disciplines.

The skills developed through Physics are also valuable in a wide range of careers, including engineering, technology, energy, research, medicine, finance and data science. Studying A Level Mathematics alongside Physics complements the course and provides valuable support for its mathematical content. A large majority of students who have studied Physics at A Level at Little Heath School have gone on to study Physics or Engineering at university.



A level POLITICS Edexcel

WHY STUDY THIS SUBJECT?

This course will allow you to explore the hugely diverse world of politics and to examine different voting systems and how countries can improve political participation. You will study what parties stand for, their influence and ability to shape politics. Part of the course includes an investigation into why the United Kingdom does not have a constitution and what we have in its place as well as a study of the role of Parliament, the Prime Minister and the Cabinet. Furthermore in Year 13 students undertake a depth study of Global politics. This looks at the very foundations of countries – what makes them sovereign? What gives them power? How can countries influence other countries on the world stage? Following on from these questions, how do countries interact with international organisations such as the United Nations, the EU and NATO?

ENTRY REQUIREMENTS

You will require a Grade 4 or higher in GCSE English Language and Mathematics. At least a Grade 4 in an essay based subject, such as GCSE History or English, is desirable to show you will be able to meet the written demands of the course.

SYLLABUS

YEAR 12

Political Participation - democracy and participation, political parties, electoral systems, voting behaviour and the media.
Conservatism, liberalism, socialism and nationalism.
The constitution, parliament, Prime Minister and executive, relationships between the branches.

YEAR 13

Theories of Global Politics, sovereignty and globalisation, global governance: political and economic, global governance: human rights and environmental, power and developments, regionalism and the European Union.

HOW WILL I BE ASSESSED AND EXAMINED?

Three 2 hour exams in the May/June of Year 13.

FUTURE COURSES AND POSSIBLE CAREERS

The study of Politics is both interesting and varied and allows you to develop a much deeper understanding of the world around you. The deep analytical understanding and ability to communicate in a number of different ways that you will develop will allow you to consider careers and degree courses in History, Politics, Law and International Relations. Students thinking of careers in Journalism and the Media will also benefit from studying Government and Politics.



A level PSYCHOLOGY AQA

WHY STUDY THIS SUBJECT?

Students who are well suited to Psychology A level have enquiring minds and are interested in the reasons behind human behaviours.
Successful Psychology students tend to be empathetic and observant, noticing the behaviour, moods and emotions of others around them. They are also independent and reflective, having the skills to carry out investigations and be confident in making decisions. Studying Psychology develops students' critical thinking skills which can aid analytical skills in other subjects. It also develops a wide range of writing styles and skills.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE English Language and at least a Grade 5 in GCSE Mathematics.

SYLLABUS

YEAR 12
Memory
Social influence
Attachment
Clinical Psychology and Mental Health
Approaches in Psychology
Research models
Students should also be able to apply this psychological knowledge to a range of contexts

YEAR 13
Students will be assessed on year 12 Level content and will also study these areas:
Biopsychology
Issues and debates in Psychology
Relationships
Schizophrenia
Forensic psychology

HOW WILL I BE ASSESSED AND EXAMINED?

There will be two internal examinations at the end of Year 12 and there will be three, 2 hour long, final examinations at the end of Year 13. These exams are made up of short answer questions and essays questions.

FUTURE COURSES AND POSSIBLE CAREERS

An A level in Psychology prepares students well for a number of subjects at university, Clinical Psychology, Forensic Psychology, Occupational Psychology and Counselling.

It also prepares you for other analytical subjects such as English Language, History and Media Studies, as well as the traditional Science subjects with which it is often associated. It equips students with broad transferable skills, which prepares them for a wide range of careers, for example in law, politics, child development and medicine, to name but a few.



A level SOCIOLOGY AQA

WHY STUDY THIS SUBJECT?

A level Sociology examines social behaviour from a variety of perspectives: How it originates and develops, and the ways in which people are organised into groups according to distinctions such as class, gender and race. A level Sociology looks at the institutions and forces which shape and are shaped by groups within a society, such as the media, religion and education. Sociology will help you think about society in a new and critical light, questioning the status quo and to develop an understanding of the issues that affect the society we live in.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE English Language and GCSE Mathematics , and at least a Grade 5 in an essay-based subject.

SYLLABUS

YEAR 12

Families and Households
Education
Research Methods and Methods in Context

YEAR 13

Crime and Deviance
The Media
Theory and Methods

HOW WILL I BE ASSESSED AND EXAMINED?

There will be internal examinations at the end of Year 12 and there will be three, 2 hour long final examinations at the end of Year 13.

These exams are made up of short answer questions and long essay questions.

FUTURE COURSES AND POSSIBLE CAREERS

Studying Sociology opens up a range of careers in areas such as welfare, education, social research and local and central government as well as preparing students well for a range of subjects at university.

Sociology compliments other subjects which require an analytical approach as well as transferable skills which are valued by universities and employers.



A level SPANISH AQA

WHY STUDY THIS SUBJECT?

Learning any language can be fun, deeply rewarding and equip you with a wide range of desirable, transferable skills. As well as improving your language skills, you will learn how to express yourself clearly and cope with unfamiliar situations. You will not only study the Spanish language, but also the culture and society of Spanish- speaking countries throughout the world. There has never been a better time to learn Spanish. It is the third most spoken language in the world. Foreign languages skills are in demand by UK employers and the study of languages at A level is increasingly being seen as an advantage for applications to many different courses at the country's leading universities.

ENTRY REQUIREMENTS

You will require a Grade 5 or higher in GCSE Spanish. A positive approach, a willingness to talk (in Spanish!) and a desire to learn and practise are, of course, necessary for success.

SYLLABUS

We study a range of topics relating to key themes, through which we develop our knowledge and use of the Spanish language.

YEAR 12

Social issues and trends

Modern day and traditional values

Cyberspace

Equal rights

Political and artistic culture

Modern idols

Cultural heritage

Regional identity

Grammar

Works: 1 film

Individual research project

YEAR 13

Social issues and trends

Aspects of a Hispanic society

Multiculturalism

Immigration

Racism

Political and artistic culture

Youth and monarchy

Popular movements

Republics and dictatorships

Grammar

Works: 1 film and 1 literary text

Individual research project

HOW WILL I BE ASSESSED AND EXAMINED?

The exam is split into two written papers and a spoken exam which will be taken at the end of year 13 as an A level.

Paper 1 Listening, Reading and Writing - 50%

Paper 2 Writing about a French film or literary text - 20%

Paper 3 Speaking - Presentation and discussion - 30%

FUTURE COURSES AND POSSIBLE CAREERS

The ability to speak Spanish will make you very attractive to future employers! It can offer opportunities to travel and to work and live abroad. Teaching, hotel and leisure industries, tourism, banking, advertising, journalism, the airline industry, manufacturing and engineering are just some of the careers that favour an employee with another language. There are many courses at universities that involve studying Spanish either on its own or as part of a combination with another subject. Many courses involve spending time in a Spanish speaking country.

A level ART and DESIGN: TEXTILES AQA

WHY STUDY THIS SUBJECT?

The A level Art Textiles course is not just about fashion, it incorporates a broad and diverse range of modern and traditional Textiles skills and reflects on trends, cultures and movements in the subjects. Students will explore, refine and develop their own interests and are supported to find their own chosen path inside of the subject.
Textiles students will learn skills for working with fabric to produce their own creative outcomes, stretching their imagination and understanding of textiles. They will look at a variety of topics including fashion design and illustration, costume design, constructed textiles, printed and dyed textiles, stitched and/or embellished textiles, surface pattern, soft furnishings and/or textiles for interiors, digital textiles, installed textiles and then be encouraged to direct their work towards one or a range of these specialisms. During the course Art Textiles students will develop a repertoire of skills to enable to explore a variety of traditions and cultures around the world and their role in influencing the designers of the biggest trends of today. Students are given freedom to explore their interests.

ENTRY REQUIREMENTS

You will need to be able to demonstrate an interest in Textiles. You should have a minimum GCSE Grade 4 in either Art and Design, Textiles or Design and Technology. We are open to other applicants with a portfolio on a case by case basis.

It is important that you enjoy the challenge of working on longer term sustained creative projects in a design context. You should have a passion for discovering fashion trends and new textiles techniques, clothing and other items and be keen to advance your knowledge of designers and Artists in order to develop your own creativity and expertise

A level ART and DESIGN: TEXTILES AQA

SYLLABUS

YEAR 12 Continuing into YEAR 13

Unit 1: Personal investigation – Internally and external assessed

Students with the support of the class teacher, decide on a context they would like to explore inside of the Textiles syllabus. During this extended project they will carry out a range of research activities to explore their context including; museum visits, photography, trend analysis, designer/ artist analysis and other 1st and secondary research as appropriate to their own projects. Students select to work in decorative techniques of their own choice and use these to enable them to develop, refine, record, realise their ideas. Their work is presented of their ideas through a portfolio and development of a outcome/s to demonstrate. Students are also required to create an in depth study into the work of a Designer or Artist whose work will compliments and influence their own projects. They will be required to submit a 1000-3000 word essay to present their findings.

YEAR 13

Unit 2: Exam Unit - Internally and external assessed

The Exam board set the question papers for this unit. These will consist of a choice of five questions to be used as starting point and students are required to select one to investigate. Preparatory work as with unit one is completed in a portfolio (or other appropriate format), where students will be required to demonstrate the same stages of development as in Unit 1: Research, refinement and analysis. The outcome for this unit is completed in exam conditions over 15 hours. Students will be expected to create a meaningful response during this time.



HOW WILL I BE ASSESSED AND EXAMINED?

Art Textiles is a linear A level. All work is assessed at the end of two years. All other additional work will be created in class or outside of lessons and will be marked in line with AQA guidelines.

FUTURE COURSES AND POSSIBLE CAREERS

Depending on their chosen focus during NEA projects, students will be able to use their Fashion and Textiles A level to access a huge variety of higher education courses and subsequent career pathways. You may wish to move onto a Foundation Diploma where you can expand your creative skills to new possibilities.

You may wish to direct yourself down a specific route within the industry, for example within art, pattern design, fashion design, interior design, costume design, or even look at a more scientific pathway in textiles technology.

