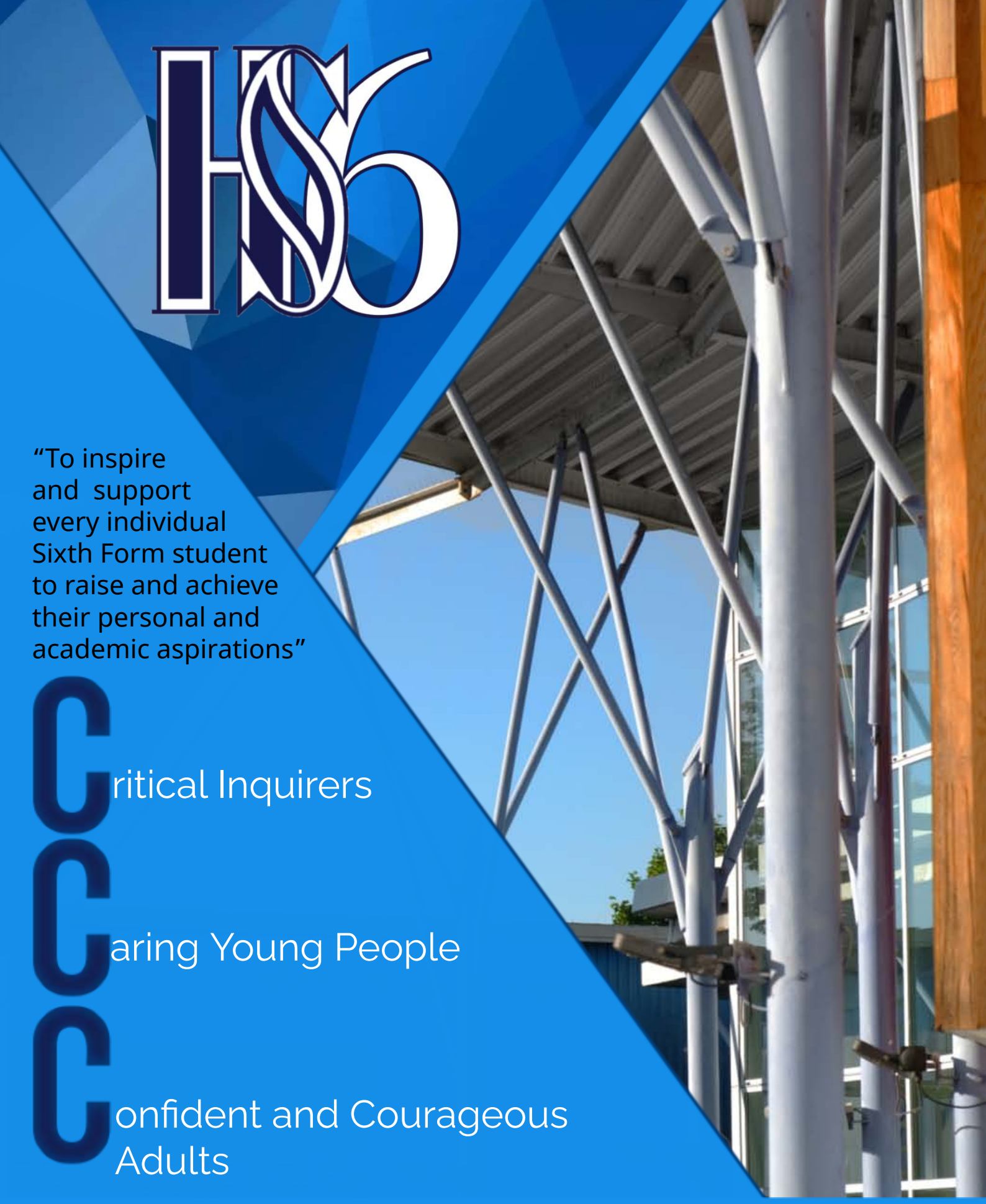


"To inspire and support every individual Sixth Form student to raise and achieve their personal and academic aspirations"

Critical Inquirers

Caring Young People

Confident and Courageous Adults

HAYES SCHOOL SIXTH FORM
COURSE GUIDE

YEAR 12 PATHWAYS

Hayes school aims to provide a Sixth Form Curriculum which supports breadth and depth whilst providing considerable flexibility. The learning programme will be matched to a student's ability and will provide a clear progression to higher education, employment and further training.

Year 12 students should choose a Pathway that best suits their post 18 aspirations. These three Pathways are detailed below, please refer to the subject specific information, which will be available via our school website.

If a student is unsure of their aspiration, they may wish to study (entry requirements permitting) Mathematics, Further Mathematics, English Literature, Biology, Chemistry, Physics, Geography, History or any Modern Foreign Language. These subjects are termed "facilitating subjects" by the Russell Group Universities and will allow students to keep their university course options open.

WHICH PATHWAY SHOULD I CHOOSE?

Students will choose **ONE** of the following three Pathways, and then choose the individual subjects within that option:

1. Academic Pathway – 3 (or 4) x A level subjects

The **minimum academic entry requirement**s for this pathway are **five subjects at Grade 5 or above at GCSE level.**

If a student attains an average of straight 7-9 grades in their GCSE subjects, they may consider selecting four A levels. We will offer advice on a case-by-case basis.

2. Academic Vocational Pathway – 3 x BTEC/Cambridge Technical qualifications.

The minimum academic entry requirements for this pathway are **five subjects at Grade 4 or above at GCSE level.**

3. Mixed Pathway – 1 A-Level and 2 BTEC/Cambridge Technical qualifications.

The minimum academic entry requirements for this pathway are **five subjects at Grade 4 or above at GCSE level.**

DIFFERENCE BETWEEN VOCATIONAL AND A-LEVEL

The main difference between opting for a vocational subject or an A-Level is the assessment method. A traditional A-Level will have minimal NEA (Non-Examination Assessments, often referred to as 'coursework', as part of the assessment methos. Most A-Level subjects will contain three examinations which are sat at the end of Year 13. However, vocational subjects, either Cambridge Technical, Cambridge Advanced Nationals or BTEC qualifications, contain up to 50% NEA. In addition, external examinations are sat modularly throughout the course, with assessment windows in both January and May of Year 12 and Year 13. The grading if these qualifications also differ slightly and does not contain the traditional A* - E grading. All the vocational qualifications we offer carry UCAS points and allow for a transition into higher education or apprenticeships**. Please see below for a grade comparison:**

A-Level Grade	Vocational Equivalent	UCAS Points Tariff
A*	Distinction*	56
A	Distinction	48
B	-	40
C	Merit	32
D	-	24
E	Pass	16

SUBJECT SPECIFIC ENTRY REQUIREMENTS

In addition to meeting the minimum academic entry requirements, which for the Academic Pathway are five subjects at grade 5 or above at GCSE level, or for the Academic Vocational Pathway, is five subjects at Grade 4 or above at GCSE level. Applicants must also **meet the subject specific requirements** in order to study their chosen courses.

Subject specific entry requirements for all subjects are outlined in the table below:

Subject	Subject Specific Entry Requirements
Art & Design	Grade 5 or above in Art and/or Textiles (for Fine Art and Textiles students) Grade 5 or above in English.
Art (Photography)	Grade 5 or above in Art or Textiles. Grade 5 or above in English.
Biology	Combined Science Grade 6-6 or above. Separate Science Grades 6-6-5 or above, with at least Grade 6 required in Biology and Chemistry, Grade 5 or above in Mathematics and in English.
Business Studies	Grade 5 or above in English and Mathematics.
Business - Cambridge Tech	Five Grade 4's or above, including Grade 4 or above in English and Mathematics.
Chemistry	Combined Science Grade 6-6 or above. Separate Science Grades 6-6-5 or above, with at least Grade 6 required in Chemistry plus Grade 5 or above in Mathematics and English.
Computer Science	Grade 5 or above in Computer Science and Grade 5 or above in Mathematics and English.
Dance	Grade 5 or above in Drama or Grade 5 or above in English.
Design Technology	Grade 5 or above in Design Technology, Grade 5 or above in Mathematics and English.
Drama	Grade 5 or above in Drama or Grade 5 or above in English.
English Language/ Literature	Grade 6 or above in English Language and a Grade 5 or above in English Literature.
English Literature	Grade 6 or above in English Literature and a Grade 5 or above in English Language.
Economics	Grade 6 or above in English and Grade 5 or above in Mathematics.
Extended Project Qualification (EPQ)	Please Note: An expression of interest form is required to study the EPQ. These are issued within the first few weeks of Year 12.
Film Studies	Grade 5 or above in English.
Geography	Grade 5 or above in GCSE Geography, Grade 5 or above in English.
Government & Politics	Grade 5 or above in English.
History	Grade 5 or above in GCSE History, Grade 5 or above in English.
ICT –BTEC National Information Technology	Five Grade 4's or above, including Grade 4 or above in ICT or equivalent. Grade 4 or above in Mathematics and English.

SUBJECT SPECIFIC ENTRY REQUIREMENTS

Subject	Subject Specific Entry Requirements
Mathematics	Grade 7 or above in Mathematics.
Further Mathematics	Grade 7 or above in Mathematics, although at least a Grade 8 is recommended given the complexity of the course. This subject must be taken alongside the single Mathematics A level.
Media Studies	Grade 5 or above in English.
Media - Cambridge Tech	Five Grade 4's or above, including Grade 4 or above in English and Mathematics.
MFL (French, German, Spanish)	Grade 6 or above in the language to be studied, Grade 5 or above in English.
Music	Grade 5 or above in GCSE Music or students will need to provide evidence of Music proficiency e.g. instrument to Grade 5 or above, Grade 5 or above in English.
Music Technology	Grade 5 or above in GCSE Music or students will need to provide evidence of Music proficiency e.g. instrument to Grade 5 or above. Grade 5 or above in English and Science.
Physical Education	Grade 5 or above in Physical Education or a Distinction in vocational equivalent. Grade 5-5 or above in Science. Grade 5 or above in English. Students wishing to undertake the course must be competing in a sport on a regular basis which is on the Edexcel specification.
Sport Studies - Cambridge Technical	At least five Grade 4's or above at GCSE including Grade 4 or above in Physical Education or vocational equivalent, Mathematics and English.
Physics	Combined Science Grade 6-6 or above. Separate Sciences Grades 6-6-5 or above, with Grade 6 or above required in Physics, Grade 6 or above in Mathematics. Grade 5 or above in English.
Psychology	Grade 5 or above in Mathematics and English. Grades 5-5 in Combined Science or Grade 5 or above in Biology.
Religious Studies	Grade 5 or above in English.
Science - Cambridge Advanced National Applied	Five Grade 4's or above, including a 4-4 in Combined Science, Grade 4 or above in Mathematics and a Grade 4 or above in English.
Sociology	Grade 5 or above in Sociology, Grade 5 or above in English.

Please note: there may be some circumstances where amendments to our course offer must be made, such as timetable clashes, oversubscribed courses or insufficient demand for a particular subject. We will inform you, should this be the case, as soon as possible and organise a meeting with you at the earliest opportunity to discuss alternative courses. Courses are confirmed as final on GCSE Result's Day and during subsequent enrolment process.

Please note: The following combinations of subjects are not permitted:

- Students cannot study Sport Studies (Cambridge Technical) and A Level Physical Education.
- English Language/Literature and Literature

We also recommend that all students should have a "Plan B" in case they do not attain the results required for entry onto their chosen courses, subject to course availability on alternative courses.





A Levels

ART - AQA

General Department Information:

The Art Department at Hayes School continues to flourish, challenging the students and school staff alike. We have a regular summer show of GCSE and A Level work. Previous Hayes School Art students visit the school sharing their experiences of Art College and advise student on portfolio preparation.

Students have ownership of their Art department, spending free time there, completing, enhancing and developing their work. Personal investigations reflect students emerging awareness of the complex world around them. Year 13 students have compulsory life drawing workshops in the autumn term.

Where can Art lead you:

Students develop individual styles of working with a variety of medium. They gain excellent understanding of Art and develop intellectual, imaginative, creative and intuitive powers.

Many students have studied at top Art Colleges going on to take degrees in Art History, Industrial and Product Design as well as more traditional degrees in Fine Art, Graphic Design and Fashion.



Course Content:

Component 1 – Personal Investigation (60%)

• Personal outcomes(s)
• Personal investigation essay (1,000-3,000 words) linking own work with work of other artists.

Component 2 – Externally set Assignment (40%)

• Externally set, broad-based theme released to teachers and students on 1st February.
• Sustained focus period of 15 hours-controlled assessment in which students create final responses to the theme.





"Art is an amazing subject. I am learning so many new ways of working with colour, mark-making and experimentation. As well as the technical elements of the course, I also get the opportunity to explore my own interests through Art. My Personal Investigation theme has allowed me to express myself and the world around me. I have learnt about new artists both contemporary and from the past and been able to develop a range of styles and processes relevant to my own themes. This subject is truly a journey of creative self-discovery." - Ava Gillam Year 12 Art Student

(ART) PHOTOGRAPHY - AQA

General Department Information:

The study of Photography is a highly relevant discipline in an increasingly image-based world. The work undertaken by Photography students can take any form. Student's use digital technology in conjunction with more traditional methods. The formal elements must be addressed but there are unlimited possibilities for individual or personal and contextual creativity.

Where can Photography lead you:

The study of Photography encourages self-expression and creativity and can build confidence as well as a send of individual identity.

Students develop individual styles of working with a variety of photographic media. They gain excellent understanding of Photography and develop intellectual, imaginative, creative and intuitive powers.

The study of photography helps to develop critical thinking and the ability to interpret the world around us.



"Photography allows you to be creative, even everyday things can be made interesting wit the right frame and exposure. Photography makes you view everything you see in a different way and gives you a different outlook on life." – Niamh Langdown Year 12 Photography Student.

Course Content:

Students will be introduced to a variety of experiences that explore a range of photographic media, techniques and processes. They should be made aware of both traditional and new technologies.

Component 1 – Personal Investigation (60%)

• Students explore and develop their own practical ideas in a sketchbook using photography resulting in an outcome(s).
• Students complete a written prose (1,000 – 3,000 words) linking their own work with the wider field of Photography.

Component 2 – Externally Set Assignment (40%)

• Externally set theme (released to teachers and students on 1st February) where students develop a theme in a sketchbook over 10 weeks resulting in an outcome completed during a 15-hour exam period.
• Sustained focus period of 15 hours of controlled assessment in which students create final responses to the theme.



BIOLOGY - OCR

General Department Information:

Biology is a fascinating and popular subject to take at A level. The entry requirements for the course are a 6-6 or above in Combined Science GCSE. Separate Science grades 6-6-5 or above, with at least grade 6 required in Biology and Chemistry, grade 5 or above in English and Maths.

The specification is divided into topics, each covering different key concepts of Biology. Teaching of practical skills is integrated with the theoretical topics, and they are assessed through written papers. The final examinations include a range of multiple choice and longer answer structured questions covering both theory and practical skills.

Where can Biology lead you:

There are many options for destinations with an A level in Biology, including a Bachelor of Science degree, or degree-level apprenticeship. Biology plays an important part of many careers, such as those in medical practice, research or conservation. The skills learned through A Level Biology, such as analytical skills, statistical skill and mathematical skills, can lend themselves to many different university courses, apprenticeships and career pathways.

Course Content:

The Biology A Level course covers a wide range of biological topics, including cells, biological molecules and biochemical processes, disease and immunity, biodiversity and conservation, physiology of organs such as the heart, lungs, kidneys, liver and brain, plant biology and genetics. Within the teaching of this content, there is also a focus on practical skills, scientific methods, mathematical and statistical skills. There are 6 modules in total, which are examined in mixtures of year 12 and 13 content in the final exams, plus one completely synoptic exam.





"Studying Biology at Hayes offers an excellent opportunity to learn about the human body and the surrounding natural environment. You can learn more about human anatomy and gain an overview of the medical field. I appreciate how Biology has many cross-curricular topics and is related to many other areas." – Robbie Royall Year 13 Biology Student.

BUSINESS STUDIES - EDEXCEL

General Department Information:

The departments overall aim is to expose as many young people as possible at Hayes School to economic principles and business practice. An understanding of business and the economy is a key life skill in a changing market, in personal financial management, in preparation for further education and in preparation for citizenship and participation in a democracy.

Economics and Business are two very different subjects, with Business being firmly rooted in the everyday world of finance, commerce and business, where all sorts of firms are studied – from one-man small businesses to large multi-nationals like Microsoft and Ford.

Economica is far mor abstract, based upon theories, concepts and ideas that can be used to explain the workings of society, both on an individual and national level.

Where can Business Studies lead you:

Business and Management students typically progress to careers in areas such as business development, marketing, recruitment and banking although plenty of other options are available.



"I am currently studying A Level Business, and it has given me an insider behind business operation and management. After studying at GCSE, I was anxious that the transition to studying it at A Level would be difficult, however the teacher made this incredibly smooth and made a conscious effort to support me and provide me with the revision techniques and organisation skills to excel within this subject. The subject itself is interesting and enjoyable with a mix of case studies, researching and group discussions." Flora Byrne Year 13 Business Student.

Course Content:

In this extremely relevant and challenging course you will learn all about starting a business and managing a large, multinational organisation. It is a course which will give you an insight into the world of business and current affairs. The course will provide you with key life skills through practical examples of the ever-changing business world.

The four themes that are covered throughout the course are:

Theme 1: Marketing and people

Theme 2: Managing business activities

Theme 3: Business decisions and strategy

Theme 4: Global business



CHEMISTRY - OCR

General Department Information:

The Chemistry department is comprised of enthusiastic, experienced and successful teachers offering hands on practical experience in our recently renovated laboratories. Teachers are passionate about fostering a love of Chemistry through inquiry based learning, and topical real-world applications. We make independent learning a priority for all A Level students to help prepare them for the demands of further education. We offer students multiple extra-curricular opportunities such as the national school's analyst competition, Chemistry Olympiad and support through our weekly Chemistry clinic.

Where can Chemistry lead you:

Over the two-year course students will gain the knowledge, understanding and skills needed to study the applications of Chemistry in modern society leading to an appreciation:

- Of the contributions chemists make to society through their work;
- That these contributions, though largely beneficial, are not without risk;
- Of how chemists obtain useful materials from naturally occurring substances;
- The chemists consider social, health, safety, environmental and economic factors when designing and carrying out chemical operations;
- Of how chemists use modern advances in information technology and instrumentation.

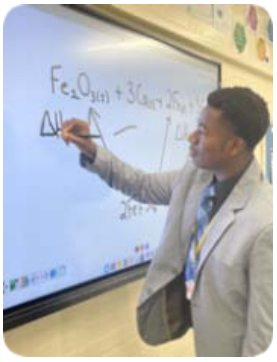
There are many options for destinations after a Chemistry A Level including a Bachelor of Science degree or Degree-level Apprenticeship. Chemists work in all areas of industry, medicine, environmental and government agencies as well as education and academic research.

Course Content:

We follow a content-led approach where the specification is divided into 6 topics, each covering different key concepts of Chemistry.

Teaching of practical skills is integrated with the theoretical topics, and they are both assessed through written papers. The practical endorsement is achieved at A Level only by the submission of a range of practical work.

All modules are examined through three written papers (2 x 21/4 hrs and 1 x 11/2 hrs) at the end of Year 13. Assessment will be through a wide range of questions including multiple choice, short answer and extended response questions, covering both theory and practical skills, covered throughout the course.



"Chemistry is a fascinating and challenging subject. It dives into much greater depths expanding your knowledge from GCSE. Throughout the course you will strengthen your analytical and laboratory skills through the many practicals we cover. Choosing chemistry will also open doors into many renowned career paths such as medicine and engineering. Chemistry, although arguable the hardest of all the sciences, is the most enjoyable and leaves dedicated students feeling a sense of achievement." – Gabriel Adu-Gyamfi Year 13 Chemistry Student.

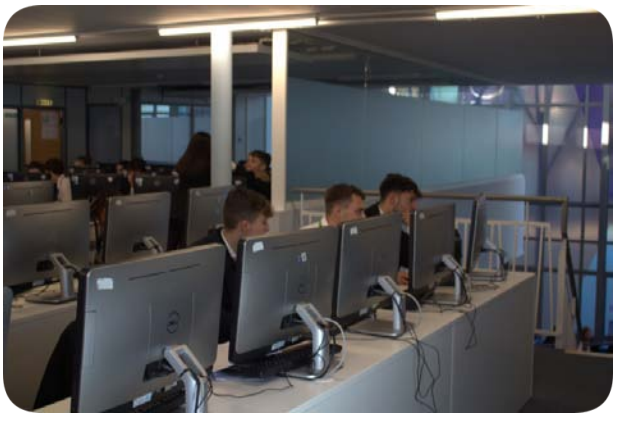
COMPUTER SCIENCE - OCR

General Department Information:

Our A Level Computer Science qualification helps students understand the core academic principles of computer science. Classroom learning is transferred into creating real-world systems through the creation of an independent programming project. Our A Level will develop the students technical understanding and their ability to analyse and solve problems using computational thinking.

Where can Computer Science lead you:

Learners will develop an ability to analyse, critically evaluate and make decisions. The project approach is a vital component of 'post school' life and is of relevance to Further Education, High Education and the workplace.



Course Content:

Unit 1: Computer Systems

- The characteristics of contemporary processors, input, output and storage devices
- Software and software development
- Exchanging data
- Data types, data structures and algorithms

Unit 2: Algorithms and Programming

- Elements of computational thinking
- Programming and problem solving
- Algorithms to solve problems and standard algorithms

Unit 3: Programming Project

- Students select their own user driven problem
- Analyse the problem
- Design and develop a solution
- Evaluate the process



"Computer Science is a subject which will deeply enhance your logical reasoning and pattern recognition which is not only satisfying but also applicable to many different subjects and fields". – Malek Kukan Year 13 Computer Science Student

DANCE -AQA

General Department Information:

The Dance department is a vibrant part of the school with a commitment to providing students with as much opportunity as possible to study, perform, and watch dance from all genres.

By engaging in study and discussion of Dance history, professional masterworks and practical work of their own, students deepen their understanding of this art form. This enhances their analytical skills which in turn benefits their composition and performance skills and equips them to be an informed member of a dance audience. Many opportunities are available each year outside the curriculum at Hayes School to participate in Dance performances and watch professional work which supports study of A Level. Theatre tripos will provide a solid grounding for those wishing to go on and study Dance beyond A Level, while also enhancing social, personal and presentation skills essential for future education in a range of other subject areas.

Where can Dance lead you:

This course provides a solid rounding for those wishing to go on and study Dance beyond A Level, while also enhancing social, personal and presentation skills essential for future education in a range of other subject areas.

Our students have taken traditional performing arts pathways and have also excelled in a full range of other further career pathways.

Course Content:

There are three main elements within you A Level Dance course:

1. Performance as a soloist and a member of a Quartet (including rehearsal processes).

2. Choreography of your Group piece.

3. Critical Engagement – the theory of understanding Performance Skills, Choreographic tools and a range of professional dance works and the components that contribute to the success of a dance piece.

Students' ability to perform, including technical and physical skills will be examined in their practical Solo and Quartet performance.







"Within AQA A Level Dane you have one written exam of 2 ½ hours. This consists of the content you learn over the 2 years; History of Dance. You then create 3 practical performance pieces. By joining Dance, you will be able to relax and really express your creativity and have fun doing what you love." - K-Cyan Kerr Year 13 Dance Student.

D&T (PRODUCT DESIGN) - AQA

General Department Information:

This is an A Level course of study in Design and Technology (Product Design) which provides an opportunity for students to involve themselves in practical problem-solving activities and relate knowledge and skills to the real world. They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning to practice by producing prototypes of their choice. Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education employers.

Design and Technology (Product Design) provides an opportunity to be involved in practical problem-solving activities and relate knowledge and skills to that activity. It builds independence, creates a discerning citizen and will help students acquire communication, problem solving, creative practical and drawing skills along with analytical skills and an ability to be self-sufficient, motivated, determined and enthusiastic.

Where can Design & Technology lead you:

The course builds upon those abilities developed through DT subjects at GCSE. It is accepted by all universities for most courses, including Engineering, Design and related courses, as well as courses in Management, Humanities, Architecture and planning. Some of the careers it can lead to include Advertising, Animation, Architecture, Mechanical Engineering, Civil Engineering, Automotive Engineering, Computer Engineering, games Design, Transport Design and Product Design.



Course Content:

The course aims to:

• Provide an opportunity for students to develop their own creativity, capability and entrepreneurial skills.

• Apply knowledge and understanding to a range of technological activities.

• Develop critical thinking and collaborative skills.

This specification requires students to cover Design and Technology skills and knowledge as set out below. These have been separated into two units:

• Technical principles – knowledge required (e.g. materials, manufacturing process & joining process) to manufacture a product.

• Designing and Making principles – How technology and cultural changes can influence and affect a design. How socio-economic influences have affected the history of design.

• There are questions that feature the application of Mathematics in Product Design. These are GCSE Maths level.

Assessment: Student are required to produce a coursework portfolio and scaled down prototype that fully demonstrates their designing, making and evaluation skills using creativity, flair and innovation. In addition, students will also sit two written assessments. Students prepare for the exam papers through covering all the theory, topic by topic with mini tests set at the end of each module as well as mock papers that cover all the topics in the specification.

"Design Technology explores the intricacies of Technical Principles and Designing and Making Principles. This comprehensive subject delves into the historical, social, cultural, environmental and economic influences of DT, whilst teaching students how to produce innovative and inventive solutions. DT concerns itself with the study of a broad range of materials, how it is processed and how it is applied to numerous real-life applications.

Sixth Form Students will quicky develop key theoretical knowledge that DT concerns itself with. Alongside this, students will have many opportunities to carry out in-depth practical work to develop their physical capabilities, whilst utilising the exceptional technology, resources and specialist teaching provided by the Hayes DT Department."

DRAMA - EDEXCEL

General Department Information:

Hayes School has a dynamic Drama department, providing students with opportunities to participate and take leadership roles in a wide range of Drama and Performing Arts experiences. Although most of our students prefer to take performance practical options we are experienced practitioners in al aspects of theatre, enabling students to study or take part in acting, directing, designing lighting/sound operation and backstage activities.

Each year, under our extra-curricular banner Hayes Creates, we produce several large-scale productions: a whole school play, a whole school House Drama Competition, and out outdoor Art and Music Festival. Previous main school shows include *Ghetto, The Threepenny Opera, Oh! What a Lovely War, Dr Faustus, Jesus Christ Superstar, Cabaret, The Caucasian Chalk Circle, How to Succeed in Business Without Really Trying, The Trial, Les Misérables, Urinetown, The Great Gatsby, Little Shop of Horrors, Guys and Dolls, Romeo and Juliet and Joseph.*

Where can Drama lead you:

The course provides a basis for students wishing to study Drama, Performing Arts or English at University. It also provides valuable background for students wishing to pursue a career in the performing arts industry. Contrary to popular opinion it is not considered a soft option A Level by universities, but is respected for the presentation, group work and evaluative skills any successful student of the subject will have demonstrated.

"If you find yourself to be sociable, experimentative and open to a realm of varying opportunities, then Drama may be the subject for you.

Drama as a subject provides an insight into both theatrical performance and stage analysis. You can explore how complex emotions are portrayed on the stage (and have countless opportunities to showcase your skills to the class!). You will without a doubt gain close friends and form bonds with classmates in Drama, as for a large portion of your examinations you will be working together and therefore will need to communicate openly.

In addition to your studies, you will also have the opportunity to watch several performances on trips to the theatre, some of which are required. These will help you become more well-rounded on your knowledge of the stage." – Elysia Miotti Year 13 Drama Student

Course Content:

Component 1: Devising – 40% of total marks
Students work in groups creating a wholly original piece of drama inspired by an extract from a published performance text. The piece needs to be devised in the style of a practitioner chsen by the department.
Alongside the piece students must prepare a Portfolio. This can take the form of a 2500-3000 word document.
This module is internally assessed and externally moderated.

Component 2: Text In Performance – 20% of total marks
Students take a performing or design role in a group piece under the direction of one of their teachers. This will be a lengthy extract from a professional published play. The performance mark for the group piece is 12% of the total A Level mark.
Students also perform in either a 2–3 minute monologue or 5–6 minute dialogue from a different text. This is worth 8% of the total A Level mark.
These performances are individually assessed by an external marker.

Component 3: Theatre Makers in Practice – 40% of total marks
A 2 ½ hour written exam.
Section A: Live theatre evaluation
20 marks – Students write one extended response analysing a live theatre performance they have seen during the course. They can take 500 words of notes into the exam.

Section B: Page to Stage: Realising a Performance Text
36 marks – Students write two extended responses on unseen extracts from a performance text they have studied, focusing on how the extracts could be interpreted in performance.

Section C: Interpreting a Performance Text
24 marks – Students answer one extended response on a different text from Section B, in this case outlining their directional concept for the play.

ECONOMICS - EDEXCEL

General Department Information:

The departments overall aim is to expose as many young people as possible at Hayes School to economic principles and business practice. An understanding of business and the economy is a key life skill in a changing market, in personal financial management, in preparation for further education and in preparation for citizenship and participation in a democracy.

Economics and Business are two very different subjects, with business being firmly rooted in the everyday world of finance, commerce and business, where all sorts of firms are studied – from one-man small business to large multi-nationals like Microsoft and Ford.

Economics is far more abstract, based upon theories, concepts and ideas that can be used to explain the workings of society, both on and individual and national level.

Where can Economics lead you:

Economics can lead to a wide range of careers in Economica and Finance – related professions including: Accountant, Actuarial Analyst, Charters Accountant, Data Analyst, Economist, Finance and Banking, Financial Risk Analyst, Financial Planner, Forensic Accountant, Investment Analyst, Statistician, Stockbroker.

Course Content:

Economics is current, its is modern and there has never been a more fascinating time to study it. Have you ever considered the impact of 'Brexit' on the UK economy? Have you ever wondered why businesses charge a certain price for a product? Have you ever wondered why you make a certain choice, e.g. spend time studying or going out and socialising with friends? By studying Economics, you will develop the knowledge to understand why these decisions have been made. Studying Economics will incorporate both micro and macroeconomics. Microeconomics investigates individual markets and macroeconomics is where you consider the economy as a whole.

The full A Level consists of three examinations on the follow areas:

Paper 1: Markets and business behaviour

Paper 2: The national and global economy

Paper 3: Microeconomics and macroeconomics



ENGLISH LANGUAGE AND LITERATURE - EDEXCEL

General Department Information:

English teachers at Hayes are deeply committed to a creative literature-centred approach to the subject which seeks to inspire students to perform at the very highest standards. Indeed, we have a distinguished history in terms of examination results, most notably at A Level where we have had a 100% pass rate for the last 10 years, with large number of students achieving Grade A* to B.

The department offers a large and experienced team. Its ethos is caring, friendly and supportive with a strong emphasis on encouraging each individual student to reach their full potential in the subject.

• We also offer A Level English Literature.

• All exams are open book.

Where can English Language & Literture lead you:

Anyone considering studying English at university must do an English A Level; moreover, communication skills are vital for any university degree and English A Level is valued across a range of subjects, particularly in Arts and Humanities subjects.

Students are prepared for any career pathways where communication skills are important. Students thinking about Law, Creative Industries, Public Relations or Media-related careers particularly benefit from studying English at A Level.







"English Language and Literature delves into the construction and intricate analysis of both non-fiction and fiction writing. It is a subject that teaches complex skills that is functional in all careers. By studying it to its depths, we have an insightful way of understanding the world around us" – Chloe Moore Y13 English Language and Literature Student.

Course Content:

Language and Literature is a challenging course which combines traditional literary study with close language analysis skills across a wide range of fiction and non-fiction texts. Students who like creative writing often choose this course. The exams are a combination of literary texts which have been studied in lessons and extracts of unseen non-fiction.

Component 1 – Voices in Speech and Writing (40%)

Students study an anthology of non-fiction texts and *All My Sons* by Arthur Miller.

Assessment - One comparative essay on an unseen non-fiction text and non-fiction text from the studied anthology; one extract-based question on *All My Sons.*

Component 2 – Varieties in Language and Literature (40%)

Students study a range of non-fiction texts on the theme 'Society and the Individual' to prepare for the unseen section, *The Whitsun Weddings* by Philip Larkin and *The Great Gatsby* by F Scott Fitzgerald.

Assessment – One essay question on a non-fiction prose unseen extract; one comparative essay on *The Whitsun Weddings* and *The Great Gatsby.*

Component 3 – Coursework (20%)

Students produce two pieces of original writing based on the theme of their own choice; one is fiction and one is creative non-fiction; each piece should be 800-1000 words. They choose a fiction and non-fiction text for ideas and inspiration. They also produce an analytical commentary reflecting on the process of their writing, their influences and choices; this should be 1000-1250 words.

ENGLISH LITERATURE - EDEXCEL

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Anyone considering studying English at university must do an English A Level; moreover, communication skills are vital for any university degree and English A Level is valued across a range of subjects, particularly in Arts and Humanities subjects.

Students are prepared for any career pathways where communication skills are important. Students thinking about Law, Creative Industries, Public Relations or Media-related careers particularly benefit from studying English at A Level.

"English Literature is an exciting and fascinating subject, suitable for any students with a passion for literature. Students can cultivate their knowledge of literature by analysing language, exploring the cultural context they were written in, and understanding the effect it has on the reader. The books and plays studied are explored at a greater depth with an increased level of sophistication creating exhilarating and mentally stimulating lessons. Studying English Literature at A Level encourages creative thinking, develops critical writing, enhances analytical skills and broadens reading abilities. These skills will prove invaluable at university and in future careers." – Edeline Shibu Year 13 English Literature Student.



Course Content:

The Literature course allows students to experience a wide range of texts, from traditional classics to modern day poetry. Students who enjoy readying for pleasure and exploring the big questions in texts enjoy this course. The exams allow students to demonstrate their understanding of a wide range of forms and genres.

Component 1- Drama (30%)

Students study *Hamlet* by Shakespear and an anthology of critical material related to this play and *A Streetcar Named Desire* by Tennessee Williams.

Assessment – One essay on *Hamlet* incorporating critical material; one essay on *A Streetcar Names Desire* (Examination).

Component 2 - Prose (20%)

Students study two prose texts from a chosen theme (Women and Society: *Wuthering Heights* by Emily Bronte and *A Thousand Splendid Suns* by Khaled Hosseini).

Assessment – One comparative essay on the two novels. (Examination).

Component 3 – Poetry (30%)

Students study a selection of post-2000 poetry and a selection of poetry from the Romantic Movement.

Assessment – One comparative essay on a named poem from the post-2000 collection and an unseen post-2000 poem; one essay on the Romantic poems. (Examination)

Component 4 – Coursework (20%)

Students write a comparative essay of 2500-3000 words on *The Handmaid's Tale* by Margaret Atwood and another text of the student's choice that is linked by theme.

FILM STUDIES - EDUQA

General Department Information:

The Hayes Media and Film department focuses on giving its students the knowledge and application to be critical and active participants in an age where media texts are more prevalent and more powerful than ever before. We want every student to be able to identify, explain and critique the messages that media texts communicate to audiences. Just as important as this is giving students the skills and expertise for them to be able to produce their own media products. We do this so that students are qualified to pursue the subject after Year 13, whether that be through a university curse, an apprenticeship or in the world of work.

Where can Film Studies lead you:

Film is one of the most relevant subjects today. Did you know that every nine days, as much moving image is uploaded to YouTube as the BBC has broadcast in its entire history? Employment in the screen industries has grown by over 20% since 2009 and will substantially outpace the economy wide increase of 3% if the skills shortages in this area are fulfilled. Career paths for students of Film may of course include practical avenues such as Filmmaking, Directing, Producing and Editing but a qualification in Film studies also allows you to move into more theoretical pathways such as Film Criticism, Journalism, Teaching and Education.

"Film Studies is a creative and analytical subject. If you choose to study Film Studies, you will learn how to analyse films and about the core study areas of Film Studies. The key elements of film form, meaning and response and the context of film. You will not only learn analytical and essay writing skills but practical skills as well. For example, how to use a camera, how to use different types of lighting, scriptwriting and so on. If you enjoyed English Literature at GCSE then this may be the subject for you as Film Studies and English Literature share similarities' such as analysing texts and writing essays, but you are watching and analysing films instead of books. – Heather White Year 13 Film Studies Student.



Course Content:

Eduqas A Level Film Studies (70% Exam, 30% Coursework)

Students will study all of their chosen films (eleven films in total) in relation to the following core study areas.

Area 1 – The key element of film from: cinematography mis-en-scene, editing, sound and performance.

Area 2 – Meaning and response: how film functions as both a medium of representation and as an aesthetic medium.

Area 3 – The contexts of film: social, cultural, political, historical and institutional including production.

Component 1 – Varieties of film and film making

Section A – Hollywood 1930-1990. *Casablanca* and *Alien,*

Section B – American film since 2005. *Joker* and *Captain Fantastic.*

Section C – British film since 1995. *This is England* and *Shaun of the Dead.*

Component 2 – Global film making perspectives

Section A – Global film. *Life is Beautiful* and *City of God.*

Section B – Documentary film. *Amy.*

Section C – Film movements. *Man with a Movie Camera.*

Section D – Experimental Film. *Mulholland Drive.*

Component 3 – Production
This component assesses one production and its evaluative analysis. Students produce either a short film (4-5 minutes) OR a screenplay for s short film (1600-1800 words) plus a digitally photographed storyboard of a key section from the screenplay PLUS an evaluative analysis.

GEOGRAPHY - EDEXCEL

General Department Information:

Geography is a popular and very successful subject at Hayes. The department is well resourced and based in three specialist Geography teaching rooms. The course is designed to appreciate the dynamic nature of Geography; how place, environments and issues change, and how people respond to these changes. This is done through classroom teaching as well as work in the field.

Students will be required to complete 4 days of fieldtrups to learn and carry out fieldwork techniques, which will then be used to write up their coursework which makes up 20% of the final mark. Non-complusory trips to Italy and Iceland are currently offered in addition to these field trips.

Where can Geography lead you:

Popular careers for people with Geography qualifications include surveying, conservation, sustainability, town or transport planning, waste and water management, environmental planning, tourism and weather forecasting. The army, government, research organisation, law and business world also recognise the practical research skills that Geographers develop.

Because Geographers learn about human and population development, Geography can be useful for jobs in charity and international relations too.





Course Content:

Hayes Geographers follow the EDEXCEL A Level and the course is split into two parts, (Human and Physical) each taught by a different teacher. There will be 10 lessons a fortnight and you will be expected to complete independent tasks in your period 11.

Topics covered throughout your A Level include Tectonics, Superpowers, Coastal Landscapes, Globalisation, Carbon and Energy, Health and Human Rights. Water insecurity and Regenerating Places.

"Studying both human and physical geography has enabled me to apply my knowledge to current real- world problems, which continues to fascinate me! Geography provokes me to think both critically and analytically, which is a skill I will use at university and in my future career." – Huey Hares Year 13 Geography Student.







POLITICS - EDEXCEL

General Department Information:

Hayes School Politics department has a long-established level of success. The department has two members of staff, is well resourced and keeps pace with contemporary developments on major political issues. Students are encouraged to keep up to date with current political controversies and participate in class debates.

Students are equipped with a clear understanding of the political ideologies which shape political discourse in twenty-first century Britain. Students will explain or analyse similarities and differences between UK and US political systems using comparative theories, further equipping students for future critical analysis of politics in their futures.

Learners are taught to question ideas and be curious about the world in which they live. They are taught to be independent in their approach to studies and to engage in wider research outside of the classroom where that is relevant.

Where can Politics lead you:

The course would be an excellent choice for anyone with an interest in current affairs, or who enjoys debating and who would like to know essentially how our country is run. It is also a well-respected A Level course, popular with those interested in Law and Journalism.

Politics students from Hayes School have had next steps studying Law, International Development, History and Politics, Sociology, Criminology and Journalism at university.

Course Content:

The course is assessed 100% by exam with no coursework components.

Component 1 – UK Politics

• **Political Participation:** Democracy and participation, political parties, electoral systems, voting behaviour and the media.

• Core Political Ideas: Conservatism, liberalism and socialism.

Component 2 – UK Government

• **UK Government:** The constitution, Parliament, the Prime Minister and the executive relationships between the institutions (including the EU).

• Political Ideas: Students will study anarchism.

Component 3 – Comparative Politics

• USA: The US Constitution, Federalism, US Congress, US Presidency, US Supreme Court, Democracy and Participation and Civil Rights.



"Ive enjoyed studying politics because of the immersive and interactive lessons. I enjoy the aspects of debating and comparing opinions. Being able to learn about different aspects of not just the UK's political system but the US system and even the different ideologies such as Anarchism has been fascinating. I firmly believe that everyone should have a basic level of political literacy and this A Level course has expanded my own knowledge and awareness." – Sophie Derham Year 13 Government and Politics Student.

HISTORY - EDEXCEL

General Department Information:

History is a popular subject at Hayes and all students on average meet or exceeds their benchmarks. It is taught by a team of four specialist and experienced teachers.

As part of the Ireland course, we organise a trip to Ireland in the second year of A Levels which enables students to visit Southern and Northern Ireland to deepen their understanding of this course.

Where can History lead you:

History develops skills in research, problem solving, decision making, communication, analytical thinking and can lead you in many different career pathways.

Popular careers for people with History qualifications include Archaeologist, Archivist, Journalist, Teacher, Barrister, Heritage Manager and Film Producer.

The Arm, Government, Research Organisations, Law and Business World also recognise the research skills that Historians develop.



Course Content:

We follow the Edexcel specification. The course covers Communist states in the twentieth century looking at the communist regimes in Russia and China. In Year 13 students will study the history of the relationship between Ireland and Great Britian between 1774-1923.

In Year 13 there is a coursework element worth 20% of their grade, which is an opportunity for students to research how key events in History have been interpreted by historians. This is a self-led topic and students can choose from a list of topics or create their own area of study.

Students are examined through three written papers:

Russia - 2 hours 15 minutes (30%)
China - 1 hour 30 minutes (20%)
Ireland - 2 hours 15 minutes (30%)



MATHEMATICS - EDEXCEL

General Department Information:

Advanced Mathematics is not an easy option, but because of this it is a much-valued qualification. Successful students will be those who can combine hard work and constant practice with an open and enquiring mind.

Our syllabus has been designed to enable students to:

- Acquire knowledge and skills with confidence, satisfaction and enjoyment.
- Experience mathematical activity and develop resourcefulness in solving problems.
- Apply Mathematics and recognise its significance to other disciplines.
- Develop understanding of mathematical reasoning.
- Acquire the foundation necessary for the further study of Mathematics.

Where can Mathematics lead you:

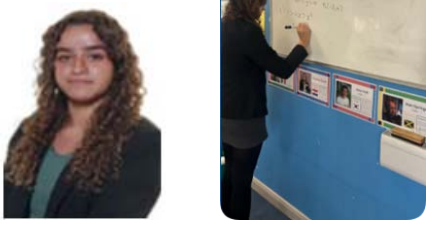
Most 'top' universities require the Further Maths A Level in addition to the 'normal' Maths degree. However, there are a broad range of Maths related courses which require Maths A Level. Maths A Level can help you to develop the tools to be successful in a wide variety of exciting careers: Finance, Engineering, Accountancy, Actuarial Science, Aeronautical Engineering, Chemical Engineering, Civil Engineering, Economics, Electrical/Electronic Engineering, Teaching, Mechanical Engineering, Physics and Statistics.

Mathematics complements all subjects. However, it is common to find students combining Mathematics with Biology, Business Studies, Chemistry, Economics, Geography and Physics.

Course Content:

The full A Level comprises of three papers which are each 2 hours in length with 100 marks available and will be taken at the end of Year 13. The first two papers are on pure mathematics; number theory, algebra, geometry, trigonometry and calculus. The third paper is on applied mathematics; mechanics and statistics. Mechanics uses mathematical models alongside Newton's laws to solve problems in static and dynamic systems. Statistics analyses data collected in the real world using a range of techniques. The exam board generates a single large data set from the Met office on a variety of weather variables. This gives students the opportunity to develop their statistical knowledge in real life context.





"Exploring A Level Maths has been a tough but rewarding journey. When you are finally able to complete that one topic you have been struggling on it is very satisfying. The subject is great for those who want to deepen their understanding for maths. When it comes to solving complex problems, maths has taught me practice makes perfect and resilience because when you put in the effort no problem is too hard to solve." - Chindinma Martin-Iwuajoku and Emma Sakutova Year 13 Maths Students.

FURTHER MATHS - EDEXCEL

General Department Information:

Further Mathematics must be taken in conjunction with A Level Mathematics.

Realistically it is a difficult course using Mathematics up to and including degree level. It should therefore be considered an option if students are interested in studying Mathematics or a Mathematics based course at university.

Most 'top' universities require Further Maths to study a Maths degree. If you are even considering this as an option, please consider Further Maths at least as a preliminary fourth option.

Where can Further Mathematics lead you:

Most 'top' universities require the Further Maths A Level in addition to the 'normal' Maths degree. However, there are a broad range of Maths related courses which require Maths A Level. Maths A Level can help you to develop the tools to be successful in a wide variety of exciting careers: Finance, Engineering, Accountancy, Actuarial Science, Aeronautical Engineering, Chemical Engineering, Civil Engineering, Economics, Electrical/Electronic Engineering, Teaching, Mechanical Engineering, Physics and Statistics.

Mathematics complements all subjects. However, it is common to find students combining Mathematics with Biology, Business Studies, Chemistry, Economics, Geography and Physics.

Course Content:

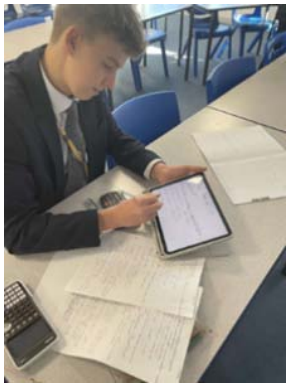
The full A Level consists of four papers. Two of the papers are compulsory (Core Pure Mathematics 1 and Core Pure Mathematics 2). These papers extend the concepts covered in the pure units studied in A Level Maths. The remaining two units will then be made up of two options from Further Statistics, Further Mechanics, Decision Mathematics or Additional Further Pure Mathematics.

Courses in Core Pure Mathematics continue the development of the concepts of geometry, trigonometry, number theory, algebra and calculus covered in the Mathematics A Level. This is where students will meet polar coordinates, matrices, complex numbers and different equations in detail amongst other Further Mathematics topics.

Further Statistics introduces new statistical distributions and more complex correlation and regression analysis and hypothesis testing. Further Mechanics introduces extended key concepts to involve elasticity and motion in a circle. Finally, Decision Mathematics involves using algorithms, which are lists of instructions to perform a task, lending itself to the subjects of Economics and Computer Studies.

"Studying Further Maths has been a challenging but rewarding experience. It is perfect for anyone who enjoys problem-solving and wants to deepen their understanding of Maths. It will give you a solid foundation to study maths-based subjects at university and has helped me approach complex problems with confidence." - Sam Carter Year 13 Further Maths Student.





MEDIA STUDIES - EDUQA



General Department Information:

The Hayes Media and Film department focuses on give its students the knowledge and application to be critical and active participants in an age where media texts are more prevalent and more powerful that ever before. We want every student to be able to identify, explain and critique the messages that media texts communicate to audiences. Just as important as this is giving students the skills and expertise for them to be able to produce their own media products. We do this so that students are qualified to pursue the subject after Year 13, whether that be through a university course, an apprenticeship or the world of work.

Where can Media Studies lead you:

Over one hundred universities offer courses in Media, Communications and Cultural Studies in the UK. A GCSE in Media Studies helps you to progress to these courses as well as to those in other areas such as English, Humanities and Social Sciences. There is a huge array of career opportunities in the Media, which is an industry that is growing at an exponential rate. According to accountancy giant PwC's latest Global Entertainment & Media Outlook 2018-2022, the entertainment and media sector will be worth £92 billion by 2023, and the video games sector is currently valued at more than half the UK's whole entertainment industry. If you are looking for a job in this area, studying Media at GCSE and at degree level it is a route in careers such as TV and film production, advertising, journalism, interactive media, and digital marketing. It could help to provide you with the foundation to secure roles in technical production, special effects, web design and postproduction.



"Media allows you to explore your creativity through practical projects and helps you to understand how media operates as we are in a digital age where media is constantly evolving." Kaylee Goppy – Year 13 Media Studies Student.

Course Content:

Eduqas A Level Media Studies – 70% Exam 30% Coursework

Component 1 Exam – In this component, students will develop knowledge and understanding of key aspects of the theoretical framework – media language, representation, industries and audiences. This is done through studying a set range of media products;

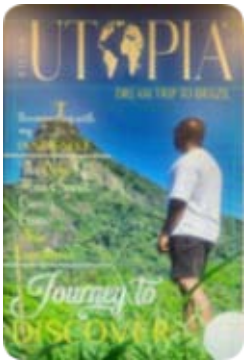
- Advertising and Marketing (Tide, Kiss the Vampire, Superhuman 2020)
- Newspapers ('Partygate' Daily Mirrow and The Times)
- Music Video (Beyonce Formation & Vance Joy 'Riptide')
- The Film Industry (Black Panther & I, Daniel Blake)
- Radio/Podcast (Have you heard George's podcast?)
- Video Games (Assassin's Creed franchise)

Component 2 Exam – In this component students are required to study three media forms in depth, exploring all areas of the theoretical framework;

- Television in the global age (Black Mirror & The Returned)
- Magazines – Mainstream and alternative media (Vogue & The Big Issue)
- Media in the online age (KSI & Attitude magazine website)

Component 3 Coursework – In this component students will work to a brief and will have to research, plan and produce their own media products. Students can choose one of the following briefs;

- Television
- Film Making
- Magazine
- Music Video



MODERN FOREIGN LANGUAGES - EDEXCEL

General Department Information:

Our vision is for all students to become 'confident and enthusiastic communicators in a foreign language'. Our lessons are conducted in the target language and all out students end up speaking either French, German or Spanish fluently by the end of Year 13, even if they have not been used to speaking the language during lessons at GCSE.

Courses are offered in **French, German** and **Spanish.**

Students will have countless opportunities to develop speaking and listening skills and independent learning. Students are expected to read widely in the foreign language and to keep up to date with current affairs via authentic websites.

Where can French, German or Spanish lead you:

The Modern Foreign Languages courses are designed sor students interested in languages and communication who enjoy learning about other cultures and ways of life. An A Level in languages challenges students to develop not only their ability to communicate effectively in the foreign language but also their ability to analyse information and apply knowledge. As a result of this, students who continue with languages find themselves in demand for a wide variety of options in the course where students can choose a topic/question to suit their interests.

An A Level language is considered a facilitating subject by Oxbridge and Russel Group universities. Popular subject combinations with a language include English Literature, History and Politics but a language also sits well in contrast to a more Science or Maths based pathway and demonstrates to universities a well -rounded applicant. Previous Hayes alumni have gone on to study Languages at University often alongside Business, Engineering or Law giving them the opportunity to work abroad or an advantage when applying to international firms.

Course Content:

A wide range of topics including changes in society, education and work, cultural and arts and important aspects of history will be covered within each language course.

Assessment

Paper 1 – 40% of overall grade – Listening, reading and translations from the Target Language to English.

Paper 2 – 30% of overall grade – Translation from English to the Target Language, an essay on a piece of literature and an essay on a film.

Paper 3 – 30% of overall grade – Speaking – Discussion of a theme and a presentation and discussion on a topic of your choice.



"Studying German has allowed me to experience things I wouldn't have otherwise had the opportunity to. Studying a language especially German is not just about the linguistics but about the entire culture and history that comes with it. Through school trips to Germany, studying in Berlin over the summer and pursuing German studies at university German has allowed me to grow into a cultured open-minded individual." – Angela Weinthrope Year 13 MFL Student





MUSIC - AQA

General Department Information:

Music has an important place in the life of Hayes School. It is well-resourced and well-supported. There is strong uptake for Music at A Level, where both Music and Music Technology are offered. Many of our A Level students go on to pursue careers in music and in the music industry. Our Director of Music is an experienced examiner.

In addition to timetabled Music there is a wide range of extra-curricular musical activities. The school runs a concert band, a jazz band, a wind band and three choirs and there are numerous chamber groups and rock bands. There are least six concerts every year and musical productions, the most recent of which have been Joseph and the Amazing Technicolour Dreamcoat. This year our musical is Oliver! The choir and concert band have toured all over Europe and in 2024 went to Edinburgh.

A Level Music builds on the skills developed in GCSE Music: performing, composing and listening. **Fluent ready and writing of conventional music notation is essential.** For A Level performances students will need to play or sing pieces of at least Grade 6 difficulty.

Where can Music lead you:

Music involves a wide range of skills: analytical, creative, logical, communicative and aesthetic. It mixes well with a wide range of other subjects. Many of our A Level students go on to pursue careers in music and the music industry, as performers, composers, educators and producers. In recent years Hayes students have gone on to study at The Royal Academy of Music, Cambridge University and the Royal Northern College of Music.

"Music A Level is a creative and exploratory course that improves your musicality and analytical thinking in a remarkable way. Not only do you get the opportunity to perform and compose pieces of music, but you also learn the history of music and how it has changed and adapted over the years. As well as this you get to learn about music of a particular time related to society and how music has been influenced and influences society. Music is great fun and so interesting and it gives you access to explore so many different pathways in music be that classical music, pop, musical theatre, film and much more." – Emma Sandford Year 12 Music Student.



Course Content:

Students study set works in classical styles and explore Areas of Study which may include pop music, film music, musical theatre, jazz or world music. They will learn to identify musical characteristics from a wide range of styles both through listening and by studying musical scores. Compositional techniques such as harmonising a melody will be studied alongside the development of students' own creative compositional skills. Solo and ensemble performance is required throughout the course.

Listening and Understanding – Students study extracts of music from three Areas of Study, looking into their style, structure, compositional techniques and historical background. They will learn to identify musical characteristics from a wide range of styles, both through listening and by studying musical scores.

Composition – Two compositions for which both a score and recording must be prepared.

Performance – Performances are expected to be of about grade 6 difficulty for A Level. Performances can be on any instrument and in any style. Students prepare a recital to be performed to an audience, with a video being sent to the examiner.



MUSIC TECHNOLOGY - EDEXCEL

General Department Information:

At Hayes School we have two dedicated Music Technology rooms equipped with Logic and Sibelius software. Music Technology is an entirely separate course from Music. Its two main areas are sequencing and sound recording. Prior experience of these skills is not necessary but an interest in how a recording studio works and how music of all styles is put together is essential.

The Music Technology course introduces you to equipment, methods and working practices which are used in a range of industry situations and further education. We have a state-of-the-art recording studio with separate live room and control room. We use Apple Macs with Logic software for all our recording and sequencing work.

Where can Music Technology lead you:

Music Technology involves a wide range of skills, analytical, creative, logical, technological, communicative and aesthetic. It mixes well with a wide range of other subjects. Music Technology A Level leads on to degree courses in music production, sound engineering and commercial music and careers in broadcasting, recording, live events, theatre and film.



"Studying Music Technology has really opened my eyes to how music is created and produced, and the skills learned both in the classroom and in the studio are incredibly useful to being able to be involved in the music industry." – Ted Horsfield Year 13 Music Technology Student.

Course Content:

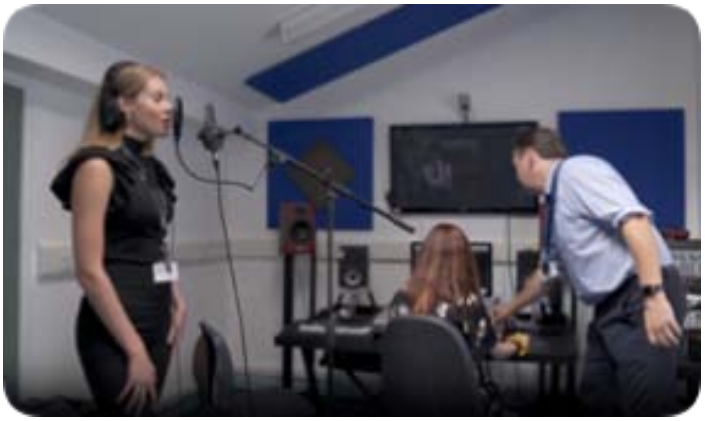
Students will learn to use Logic Pro software to create and manipulate music and how to use microphones, effects units, multi-track recorders and other equipment to make recordings of music in a range of styles. Students will also learn about the development of music technology and the characteristics of a variety of musical genres. Students need to have a very good musical 'ear' and a knowledge of conventional music notion. The new specification will also include the principles of sound and audio technology, with some specific Maths and Physics content.

Course Content:

Exams – 60% Listening and Analysing (25%), Producing and Analysing (35%)

Coursework – 40% Multi-track recording (20%), Technology based composition (20%)

Dates – Coursework to be completed by the Easter of Year 13. Exam May/June of Year 13.



PHYSICAL EDUCATION - EDEXCEL

General Department Information:

The A Level qualification is broader and a more scientific subject that looks at the different components that underpin elite sporting success. The course offered is a two-year standalone course with final assessments and examinations held at the end of Year 13. There is also an element of coursework that contributes to the final grade as well as an examination in the technical proficiency in students chosen sport.

Where can PE lead you:

Students who complete A Level PE have gone on to study Sports Science, Sports Therapy, Physiotherapy, Sports Development, PE Teaching, Coaching, Personal Training, Sports Journalism, Sports Nutrition, Sports Psychology and Professional Sport.





"As an A Level student and 1st XV Rugby Captain I have found that studying PE has been more than helpful as well as interesting. Learning about body systems and strategies to improve my mental health and performance has been a real highlight of this course. I have discovered things that I have a passion for and the teachers have been sublime. Skills that I have learnt will most definitely be transferred into university and latter stages of life." – Ezequiel Valente Year 13 PE Student.

Course Content:

The specification covers five units;

Exercise Physiology, Applied Anatomy and Physiology (Paper 1)

Skills Acquisition, Sport and Society, Sports Psychology (Paper 2)

The course is assessed in four components.

Component	Content	Assessment
Component 1 – Scientific Principles of Physical Education	Applied Anatomy and Physiology Exercise Physiology Applied Movement Analysis	2 hours and 30 minutes 140 marks 40% of total course
Component 2 – Psychological and social principles of Physical Education	Skill Acquisition Sports Psychology Sport and Society	2 hours 100 marks 30% of total course
Component 3 – Practical Performance	Skills performed as a player or coach	40 marks 15% of total course
Component 4 – Performance Analysis and Personal Development Programme	Performance Analysis Personal Development Programme (PDP)	40 Marks 15% of total course





PHYSICS - OCR

General Department Information:

Our department comprises of four enthusiastic and highly experienced specialist teachers, who studied Physics at top universities including Oxford, Imperial College and Bristol and an experienced creative Physics Lab Technician. We have a record of success in supporting out students to reach the highest grades, typically seeing more than 25% of students achieving A or A* and nearly half of our cohort achieving top results in recent years.

We pride ourselves on developing our students to be creative problem solvers and deep thinkers. There are many opportunities to participate in extracurricular activities, including British Physics Olympiad, the Imperial College Scholls competition, biannual trips to Geneva & CERN and attendance at lectures and workshops with working scientists.

Where can Physics lead you:

Physics is one of the most flexible and useful A Level subjects, second only to Maths in terms of the number of university courses and high-level apprenticeships it opens up.

As well as A Level Physics being a pre-requisite for studying the subject at university, it is also a requirement for most Engineering courses. It greatly helps those aiming for admission to Maths, Architecture or Computer Science courses and is one of the most useful facilitating subjects for Economics or Finance related degrees. An A Level Physics also helps applicants to medial school stand out.

Past students of Hayes Physics department have gone on to study all the subjects mentioned above as well as the other STEM subjects, Music, Architecture, Business as well as taking up Finance Apprenticeships and other routes into high-earning employment.

Course Content:

We follow the OCR Physics A specification which is divided into six modules. Key concepts relating to measurement and practical investigation are covered early on, with later modules covering topics from classical and modern physics. In year 12 students will receive a thorough grounding in kinematics, dynamics and quantum physics. The second year covers astrophysics and cosmology, electric and magnetic fields, particle physics and medical physics.

Teaching of practical skills is integrated with the theoretical topics, and they are both assessed through three written papers at the end of Year 13. The practical endorsement is achieved at A Level only by the submission of a range of teacher assessed practical work.









"Studying Physics fascinates me because it explains the fundamental laws that govern our world offering a deeper understanding of how things work. I enjoy the way Physics challenges my thinking and pushes me to solve complex problems." Oliver Facques Year 12 Physics Student.

PSYCHOLOGY - AQA

General Department Information:

Psychology is defined as the science of mind and behaviour. The word 'Psychology' comes from two Greek words; psych meaning 'breath, spirit and soul' and logia meaning the 'study of'. Put simply it is the study of the human mind and its functions especially those affecting behaviour. Psychologists are interested in how we think, feel act and interact both individually and in group situations.

Psychologists seek to understand the motivations underlying out actions and aim to analyse mental processes in a scientific manner the subject is classified as a Science which is reflected in the content and skill requirements of the A Level specification.

By studying Psychology you will learn to see flaws in arguments, develop powers of reasoning and realise that things are not always as they seem. The skills developed through studying Psychology are highly transferable. For instance, you will learn how to conduct and statistically analyse scientific research, develop a better understanding of Yourself and others, strengthen your skills in literacy and essay writing, critical thinking, problem solving and decision making.

Where can Psychology lead you:

Psychology complements many other A Level courses and provides a useful foundation for any job, as you will always be interacting with people, whatever carer you follow. It leads to a wide range of opportunities in sectors as diverse as personnel, education, health, social work, prison service, police, marketing, advertising, human resources and clinical/psychiatric care.

Course Content:

The AQA specification is exam base; students do not complete any coursework.

All exams are taken in the summer of Year 13. Each paper lasts two hours and comprises of multiple choice, short answer questions and essay writing.

At least 25% of the Psychology A Level assessment consists of content relating to research methods and 10% to Maths skills.

A level exam papers and topics:

Paper 1: Introductory Topics in Psychology – Social Influence, Memory, Attachment and Clinical Psychology (33.3% of A Level).

Paper 2: Psychology in Context – Approaches in Psychology, Biopsychology, Schizophrenia and Forensic Psychology (33.3% of A Level).



"I enjoy this subject as I believe it gives you a different perspective and makes you look at not only yourself but the people around you differently. My enjoyment is also strengthened by the great teachers I have. With Ms Reay being especially helpful and engaging making the subject very interesting and supporting me when there is something that I do not understand." Rupert Gray – Year 13 Psychology Student.

RELIGIOUS STUDIES - OCR

General Department Information:

Religious Studies is a well-respected academic subject with the Sixth Form curriculum at Hayes. The subject requires students to undertake individual wider reading and develop their ability to write well-considered, evaluative essays that develop a line of argument through the consideration of different scholarly views.

Where can Religious Studies lead you:

Studying Religious Studies allows students to develop their understanding of religion and its relation to the wider world. It gives students an opportunity to develop their knowledge and understanding of key concepts and thinkers in the fields of secular, religious and moral philosophy. Employers and universities value the subject because it develops key skills such as critical analysis and evaluation and the ability to empathise with the views of others. Students often ask about what careers they can explore that have links to RE and you would be surprised there are many. The professions range from the obvious Priest, to Hypnotherapist, Journalist, General Practitioner or Human Resources Manager.





Course Content:

	Year 1	Year 2
Philosophy of Religion ***2 hour exam***	• Ancient Greek philosophers (Plato and Aristotle) • Soul/mind and body debate • Classical arguments for the existence of God (design, cosmological and ontological) • Religious experience (nature of these experiences and whether they are reliable evidence for the existence of God) • The problem of evil and Christian responses	• The nature of God and His attributes • Religious language (can we use everyday language to describe God?)
Religion and Ethics ***2 hour exam***	• Natural Law • Situation Ethics • Kantian Ethics • Utilitarianism • Euthanasia • Business Ethics	• Meta-ethics • Conscience • Sexual Ethics
Developments in Christian thought ***2 hour exam***	• St. Augustine's teaching on human nature (original sin, the Fall) • Death and the Afterlife • Knowledge of God's existence (how can humans know God?) • The person of Jesus Christ (who was He, how should we view Him?) • Christian moral principles • Christian moral action (studied through case of Dietrich Bonhoeffer)	• Religious pluralism • Gender and society (feminism) • The challenge of secularism • Liberation theology and Marxism



"Religion, Philosophy and Ethics is a subject that is truly like no othe. Once you choose this subject you embark on a journey of thought and contemplation about the biggest questions that life presents.

In Ethics you will look at what makes an action right and how the consequences of that action affect this judgement. In Philosophy you will explore and question God, the human perception of reality and the existence of the soul.

If you choose this subject, you will be joining a highly respected and valued department that will equip you with skills used in every aspect of life". – Ryan Barry Year 13 Religious Studies Student.

SOCIOLOGY - AQA

General Department Information:

Sociology is a popular subject at A Level which students find enjoyable and rewarding. It aims to challenge common sense assumptions and provides students with a more objective view of the world. Students follow AQA Specification which is purely exam based; students do not have to complete any coursework.

Teachers are passionate about fostering a love of sociology and encouraging students to spot sociology within a wider society.

Sociology requires students to write in detailed and analytical ways; students will complete regular extended pieces of writing and will evaluate the contributions that various sociologists have made to different topics. Sociology is not a common-sense subject it requires a detailed and thorough examination of previous sociological work and society.

Where can Sociology lead you:

Sociology complements many other A Level courses and provides a useful foundation for any job as you will always be interacting with people whatever career you follow. It leads to a wide range of opportunities in sectors as diverse as personnel, education, health, social work, prison service, police, marketing, advertising and clinical care.



"Sociology is the study of social life, social change and the causes and consequences of human behaviour; like why do people get married? What effects levels of achievement in school? How do people view crime? Sociologists investigate different theories, structures and organisations to see how humans interact within this.

Sociology is a great subject to take as it provides many different career paths, for example Social Worker, Human Resources Manager, Career Advisor. It also allows you to have a better understanding of life as it studies a lot of the modern changes in today's society. Sociology is an essay-based subject so you will be writing a lot!". – Naomi Tomlinson Year 12 Sociology Student

Course Content:

Students will study the functions of the family and education in our society and analyse the validity of the arguments made and against these institutions. The course also centres around the methods used by Sociologists to gather their research and analysing the validity and reliability of these methods. In Year 13 students will continue to develop their understanding of these concepts at a deeper level as well as examining the role of Beliefs in Society and Crime and Deviance and their impact on our lives. The course examines the true nature of Sociology and discusses the beliefs of all main theorists.

As the course is purely exam based, students will be required to complete a large number of essays in preparation to help develop clear techniques.

Topics covered include:

Families and Households

Research Methods and Theory

Education

Crime and Deviance

Beliefs in Society





Vocational Courses

CAMTECH IN BUSINESS - OCR

General Department Information:

The Departments overall aim is to expose as many young people as possible at Hayes School to economic principles and business practice. An understanding of business and the economy is a key life skill in changing market, in personal financial management in preparation for further education and in preparation for citizenship and participation in a democracy.

Economics and Business are two very different subjects with Business being firmly rooted in the everyday world of finance, commerce and business where all sorts of firms are studied – from one-man small businesses to large multi nationals like Microsoft and Ford.

Economics is far more abstract, based upon theories, concepts and ideas that can be used to explain the workings of society.

Where can Business Cambridge Technical lead you:

The Cambridge Technical in Business has been developed to meet the changing needs of the sector and prepare your students for the challenges they will face in Higher Education or employment. Design in collaboration with experts spanning the breadth of the sector the Cambridge Technical in Business focuses on the skills knowledge and understanding that today's universities and employer's demand.

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Students will practically apply their skills and knowledge in preparation for further study or the workplace. Each of the units within the qualifications have specified assessment criteria and grading criteria which must be used. A summative unit grade can be awarded at pass, merit or distinction.

This course is offered as a single (1 A Level) and a double (2 A Levels). The majority of the units are assessed by producing project-based work throughout the course. For diploma students, four of the ten units will be assessed by examinations. For extended certificate students, two of the five units are assessed by exams.



"Choosing CTEC Business as one of my subjects has allowed me to expand my understanding in all areas of business a few of these being the importance of prioritisation and gave me the opportunity to create my own marketing campaign. The coursework side of the subject has helped me to improve my time management due to making sure I meet all the deadlines. I would highly recommend this subject to anyone looking for a coursework-based subject." – Olivia Parnham-Smith Year 13 CamTech Business Student.



ICT - BTEC

General Department Information:

This qualification is designed for students who are interested in an introduction to the study of creating It systems to manage and share information.

Where can ICT lead you:

The course will give students a fundamental and synoptic understanding of all areas of IT, supporting their progression to an IT or computing related higher education course.

The skills students gain in this course support progression to employment in a role that requires computing-related expertise or roles such as social media specialist, content developer and web developer or any role which requires making or using of spreadsheets in the workplace.



"If you are passionate about technology and want to gain some life skills, then BTEC ICT is the course for you. This course will provide you with an extensive understanding into the IT sector as well as developing practical skills such as analysing data, website design and using social media to boost business success. Students will gain an insight into the ever-growing world of technology. This course is equivalent to an A Level and will prepare you for a future career or guide you into higher education." – Dylan Oliveira Year 12 ICT BTEC Student.

Course Content:

Unit 1: Information Technology Systems – External written exam in Year 13 (2hrs)

Students study the role of computer systems and the implications of their use in personal and professional situations. Students will explore the relationships between the hardware and software that form an IT system, and the way that systems work individually and together as well as the relationship between the user and the system. Students will examine issues related to the use of IT systems and the impact that they have on organisations and individuals.

Unit 2: Creating Systems to Manage Information – Practical exam in Year 12 (5 hours)

Students study the design, creation, testing and evaluation of a relational database system to manage information. Students will examine the structure of data and its origins, and how an efficient data design follows through an effective and useful database. Students will examine a given scenario and develop an effective database system. Students will then test their solution to ensure that it works correctly. Finally, students will evaluate each stage of the development process and the effectiveness of their database solution.

Unit 3: Using Social Media in Business – Coursework – Year 12

In this unit students will discover how social media can be used in a business context, they will explore different social media websites, the ways in which they can be used and the potential pitfalls when using them for business purposes. Students will develop a plan to use social media strategies for business purposes to achieve specific aims and objectives. Students will then implement the plan, developing and posting content and interacting with others. Finally, student will collect data on the business use of social media and review the effectiveness of their efforts.

Unit 4: Data Modelling – Coursework – Year 13

In this unit students will develop the skills and techniques necessary to create complex spreadsheets in order to produce accurate information that informs decision-making, this will be based on a scenario. From the scenario students will develop and test and review their spreadsheet.

CAMTECH MEDIA - OCR

General Department Information:

The Hayes Media and Film department focuses on giving its students the knowledge and application to be critical and active participants in an age where media texts are more prevalent and more powerful that ever before. We want every student to be able to identify explain and critique the messages that media texts communicate to audiences. Just as important as this is giving students the skills and expertise for them to be able to produce their own media products. We do this so that students are qualified to pursue the subject after Year 13 whether that be through a university course an apprenticeship or the world of work.

Where can Digital Media lead you:

Digital media is one of the most relevant subjects today. Think of any company and they will require the skills of somebody that can produce digital media. Employment in the screen industries has grown by over 20% since 2009 and will substantially outpace the economy wide increase of 3% if the skills shortages in this area are fulfilled. Career paths for students of digital media may of course include practical avenues such as TV, Advert & Film Making, Directing, Producing and Editing but a qualification in Digital Media also allows you to acquire the skills needed in industries involving marketing, planning and legislation.



"CamTech Media is an enjoyable subject as the course content is interactive and hands on making it very engaging. It teaches me highly relevant skills in today's job market which is beneficial to any career I take. CamTech media allows me to have creative freedom in the work I produce to help foster innovation and motivation." – Bella Joubert Year 13 CamTech Media Student.

Course Content:

OCR Cambridge National Level 3 – Digital Media 50% Exam 50% Coursework

Our Cambridge Technical in Digital Media helps students develop the knowledge and practical skills required in the digital media industry. Students gain hands-on experience of the production process, developing their ideas from planning through editing and postproduction to final presentation. There are six units of work across the two-year course.

Year 12

Unit 1 (Exam) – Media products and Audiences. Students learn about a range of media industries, key media concepts and are taught the skills to analyse and evaluate a wide range of media texts.

Unit 21 – Plan and deliver a pitch for a media product. Students will react to a given creative brief and simulate media companies as they research, plan, pitch and analyse feedback.

Unit 3 – Create a media product. Students will now go through the full production cycle in answering the brief to produce a media product.

Year 13

Unit 2 (Exam) – Pre-production and planning. Students will learn how to carry out research in the planning stage of a media production and about the various aspects of legislation and constraints that need to be considered.

Unit 20 – Advertising Media. Students will answer a creative brief and create a range of products forming an advertising campaign.

Unit 23 – Create a personal media profile. Students will combine their creative work and personal profile to create a digital professional showcase suitable for sharing with prospective employers, higher educational institutions and for other career progression pathways.

CAMTECH SPORT - OCR

General Department Information:

This vocational qualification follows a specialised personal training pathway which looks at the different components that underpin careers within sport.

The course offered is a two-year course with coursework units and examinations held throughout Year 12 and 13. There are also practical elements which explore designing, leading and evaluating your own fitness and games sessions.

Mr Loomes and Miss Goold teach in Year 12, and Mr Leech and Miss Outteridge teach in Year 13.

Where can CamTech Sport lead you:

OCR's Level 3 Cambridge Technical in Sport and Physical Activity qualification will help you to achieve your potential and progress to the next stage of life, whether that is higher education, an apprenticeship or employment. There is a wide range of job roles to progress into such as Activity Leader, Sports Coach, Fitness Instructor and Leisure Assistant.



"I have just started my second year of Sixth Form and CamTech Sport has definitely got to be my favourite subject.

The course offers such a broad understanding of sports science, including anatomy, physiology and psychology which are all essential for various careers if you want to go into something sports related. The lessons are fun, engaging and interesting and we also get the chance to lead a session for Year 7's after out exams in January which is very exciting. There is a strong balance of the lessons being theory based and practical based all of which is why I love this course." – Madison Jones Year 13 CamTech Sports Studies Student.

Course Content:

Students can choose to study the Extended certificate (1 A Level equivalent), or Diploma (2 A Level equivalent).

OCR Level 3 Cambridge Technical Extended Certificate in Sport and Physical Activity

360 GLH equivalent to one A level in terms of size	• Unit 1, 2 (90 GLH each),and Unit 3 (60 GLH) are mandatory • Plus a minimum of 120 GLH chosen from the optional units (30 and 60 GLH).	It will provide learners with the opportunity, through applied learning, to develop the core specialist knowledge, skills and understanding required in the sport and physical activity sector.
720 GLH equivalent to two A levels in terms of size.	• Units 1, 2 and 4 (90 GLH each), Unit 3 (60 GLH) and Unit 11 (30 GLH) are mandatory in all pathways • Unit 6, 7 and 13 (60 GLH each) are mandatory in the Personal Training pathway • Unit 5, 8, 17 and 18 (60 GLH each) are mandatory in the Sports Coaching pathway. • The remaining GLH for each pathway must be chosen form the optional units (30 or 60 GLH).	It will provide learners with the opportunity to develop the core knowledge, skills and understanding required by the sport and physical activity sector and to develop further skills by completing a wide range of units through a choice of specialist pathways: • Sports Coaching • Personal Training.

CAMBRIDGE ADVANCED NATIONAL - APPLIED SCIENCE

General Department Information:

This is an interesting and different style of course, combining all three Science specialisms with a focus on application of information and practical techniques.

This is taught by 3 specialists in Year 12 to guide you through the examination components of the course.

The course is taught by 2 specialists in Year 13 to guide you through the coursework components of the course.

Where can Applied Science lead you:

Digital media is one of the most relevant subjects today. Think of any company and they will require the skills of somebody that can produce digital media. Employment in the screen industries has grown by over 20% since 2009 and will substantially outpace the economy wide increase of 3% if the skills shortages in this area are fulfilled. Career paths for students of digital media may of course include practical avenues such as TV, Advert & Film Making, Directing, Producing and Editing but a qualification in Digital Media also allows you to acquire the skills needed in industries involving marketing, planning and legislation.



""Cambridge Advanced National – Applied science is incredibly interesting with a mix of biology, chemistry and physics. We learn all different aspects of each course ranging from muscles and bacteria to different chemical reactions. We often take part in practicals which are fun and exciting. The lessons are mixed between theory based and practical based which makes the lessons more diverse and unique. The coursework is a fun aspect of the subject as we can research and discover different facts on our own". – Flora Byrne Cambridge Advanced National – Applied Science Student.

Course Content:

The course is a 2 year A-level equivalent course

Year 1:

Unit 1 – Fundamentals of science – assessed by examination (24%)

Unit 2 – Investigating Science – assessed with coursework (27%)

Year 2:

Unit 3 – Science in Society – assessed by examination (16%)

Unit 4 - Analytical Techniques in Chemistry – assessed with coursework (16.5%)

Unit 5 - Medical Physics – assessed with coursework (16.5%)

