

Sixth Form Prospectus





2025

Contents

Welcome Message	03
Welcome from our Sixth Form Team	04
School Ethos	05
Student Views	06
Community and Enrichment	07
Sixth Form Life	08
Student Destinations	09
Key Dates	10
Admission Criteria	11 - 13
Sixth Form Expectations	14
Our Curriculum	15
Option Blocks	16
Our Courses	17-49



Our Courses

Accounting	17
Art and Design	18
Biology	19
Business	20
Business BTEC	21
Chemistry	22
Core Mathematics	23
Criminology Applied Diploma	24
Economics	25
English Language and Literature	26
English Literature	27
English GCSE	28
Extended Project Qualification (EPQ)) 29
Film Studies	30
Geography	31-32
Health and Social Care BTEC	33
History	34
ICT Extended Certificate	35
Law	36
Mathematics	37
Mathematics GCSE	38
Religious Studies	39 - 40
Physical Education	41
Physics	42
Politics	43
Product Design	44
Psychology	45
Sociology	46
Spanish	47-48
Sport BTEC	49

Welcome Message

Dear Students and Parents,

Welcome to Mayflower High School. As you begin this exciting new chapter in your life, you are stepping into a time of growth, discovery, and independence. The Sixth Form at Mayflower is more than just about advancing your academic journey; it is also about preparing you for the future, whether that means university, an apprenticeship, or entering the world of work.

Here at Mayflower, you will find a supportive environment where you'll be challenged to reach your full potential. We will offer you a chance to take advantage of every opportunity and explore new subjects, engage in extracurricular activities, and develop the skills that will carry you forward in life.

We are excited to see the remarkable things that you will achieve, both academically and personally. Let us make these next two years memorable, inspiring, and rewarding. Welcome once again, and let's set sail on this journey together!

Dr S Fawell Head of Sixth Form Assistant Headteacher

Welcome from our Sixth Form Team



Dr S Fawell Head of Sixth Form



Mr G McSweeney Deputy Head of Sixth Form



Mrs A Drew Sixth Form Coordinator



Ms S Newman Sixth Form Coordinator

Thank you for your interest in Mayflower High School Sixth Form. We are proud to be part of a committed team of staff who strive to make the Sixth Form experience enriching, memorable, and successful for all our students.

If you have any further questions, please do not hesitate to contact us at: **Educate@mayflowerhigh.essex.sch.uk.**

School Ethos



At Mayflower High School we aim:

Values

- To create and sustain a caring, positive and stimulating learning environment
- To realise the maximum learning potential of all students, academically, socially, culturally and spiritually, and to celebrate their achievements
- To encourage self-esteem, respect for others and for the world in which we live
- To promote and develop an effective partnership with our community

Be Safe

· To have students in excellent lessons everyday

What our values mean in practice

To create a positive environment where all members of our school community feel valued and work together to follow our core values.

- Be Respectful = Responsible, Honest, Considerate, Dignified, Kind
- Be a Learner = Leadership, Organisation, Resilience, Initiative, Communication
- Be Safe = Alert, Accountable, Supportive, Cooperative, Consensual

Student Views

"Mayflower is genuinely an amazing enviroment for people to learn and grow, not only academically but also socially"

"I am really enjoying my experience in Sixth Form. Enrichment Wednesdays's are my favourite as you get to participate in many different activities, it brings the year groups together"

"As an external student, I think this Sixth Form is great for socialising and feeling happy in my student environment"

"I have experienced amazing support to any academic challenges I've faced throughout my time in Sixth Form"

"I have found revision resources to be helpful and available for when I need it"

"The Sixth Form canteen facilities are great!"

"The Pastoral and Teachers are supportive and encouraging"

"Enrichment sessions give me the opportunity to make more friends, be more social and feel more included"

"The study space has really helped me to be productive and organise my time effectively"

Community and **Enrichment**

At Mayflower Sixth Form, we believe that a well-rounded education goes beyond academics. Enrichment and community engagement are fundamental components of our ethos, fostering a vibrant atmosphere where students can thrive both personally and socially. By prioritising these elements, we aim to create an inclusive environment that supports individual growth, enhances learning experiences, and prepares students for future challenges. Engaging in community activities not only cultivates essential life skills but also strengthens bonds among peers, making the educational journey more meaningful and enjoyable.

Our Pastoral Programme

Central to our commitment to student well-being is a robust pastoral programme, thoughtfully designed in consultation with our students. This programme serves as a foundation for academic success and personal growth, offering a variety of initiatives aimed at enhancing the overall student experience. Our pastoral sessions delve into strategies for improving academic performance, while personal development workshops equip students with skills vital for their future endeavours. Key components include opportunities for debating, time allocated for self-reflection and target setting, and a weekly platform for student voice, ensuring that every opinion matters in our community.

Enrichment Opportunities

In addition to our pastoral support, we offer numerous opportunities for students to immerse themselves in community activities. Weekly timetabled enrichment sessions are an integral part of our curriculum, allowing students to explore new interests, develop skills, and participate in sports. These sessions are not just extracurricular; they are vital for nurturing teamwork, leadership, and creativity.

This academic year, we have an exciting lineup of enrichment activities planned. Students can join **team football** and **netball**, enjoy **golf lessons**, participate in a **bake-off competition**, engage in our **drama society**, or delve into discussions in our **book club**. Additionally, we are excited to introduce **board game sessions**, where students can unwind, strategise, and bond over classic and contemporary games. These sessions offer a fun and relaxed environment for students to connect while developing critical thinking and teamwork skills.

At Mayflower Sixth Form, we understand that education is a journey that encompasses not just academic achievements but also personal fulfilment and community involvement. Through our strong pastoral programme and diverse enrichment offerings, we empower our students to grow as individuals, connect with others, and become active participants in their own futures.

Sixth Form



One of the most important aspects of the Sixth Form students' image is the way they dress. We do not expect school uniform to be worn, but we do insist that students comply with our published dress code, and dress in appropriate attire. A detailed copy of the dress code is available on our website. The school reserves the right to amend the code as required.

Please remember that this dress code has been drawn up to reflect the fact that we are part of a school-based working environment.



All students will be issued with an identity badge and year-specific lanyard. Students must wear these when on site for safeguarding reasons.



At Mayflower High School we use the ParentPay system which enables you to pay for trips, revision guides and to add money to your child's account to pay for lunches using our cashless catering system.



Student **Destinations**

Some of our destinations 2024



University of East Anglia Business

Computing and Finance Film and TV Production Chemistry History of Art Law Psychology Economics



University of Kent

Ancient, Medieval and Modern History Physics Foundation Psychology Criminology Law English Literature and Creative Writing



4

Anglian Ruskin University

Adult Nursing Child Nursing Midwifery Civil Engineering







University of Birmingham Law

Pharmacy Classical Literature and Civilisation Business Management with Marketing



University of Exeter

Biochemistry Finance Law Accounting and Finance

Queen Mary University of London

Law Accountancy Medicine

> **University of Greenwich** Forensic Science Law



University of Essex Sport and Exercise Sports Performance





University of Bath Management with Marketing Aerospace Engineering



University of Edinburgh Neuroscience

9

Key **Dates**

Sixth Form Open Evening Thursday 7 November 2024

> Sixth Form 2025 Entry Application Deadline Friday 6 December 2024

Internal Applicant Course Consultation Meetings 15/16 January 2025

> External Applicant Course Consultation Meetings 22 January 2025

Sixth Form Induction Day **Tuesday 24 June 2025**

GCSE Results Day 21 August 2025

Admission Criteria

A Level Courses

For A Level courses beginning in September 2025, a Capped Average Point Score (CAPS) will be used as the basic criteria for admission. We offer two A Level programmes:

- 1. 3 Linear A Levels over two years (and EPQ in Year 13)
- 2. 4 Linear A Levels over two years

The entry requirements are as follows: All A Level students must study a minimum of 3 A Level courses.

Entry Criteria:

To do 3 A Levels (and EPQ in Year 13): CAPS of 5 plus specific subject requirements

To do 4 A Levels: CAPS of 7.5 plus specific subject requirements

The capped average point score is derived from a student's 8 best GCSE results. If a student has more than 8 entries, the results that contribute the lowest points are discounted and the remaining points are divided by 8. If a student has 8 entries or less, they all count and the total points are divided by 8. For those applying for Applied General Courses, multiple award equivalences will accrue points associated with a single award qualification. Every student's application, however, will be considered on an individual basis.

The following tables show the GCSE or BTEC First Award grades and their equivalent points:

GCSE TARIFF		
All numerical GCSE grades	Entry Points	
9	9	
8	8	
7	7	
6	6	
5	5	
4	4	
3	3	
2	2	
1	1	
0	0	

BTEC FIRST AWARD POINTS TARIFF

Entry Points
8
7
6
5

Remember to count short courses as half an entry, which is worth half the points.

Remember to ensure that double award GCSEs are counted twice.

Applied General Courses

Requirement: Four 9 to 4 grades at GCSE.

All Applied General Course students must study a minimum of 3 courses. The Level 3 BTEC National Diploma in Business is the equivalent of 2 courses.

We hope to be able to run the Level 3 BTEC National Diploma in Business in September 2025. At the time of publication, it is unclear whether the Government will make it possible for the school to run this course. Students should have a backup plan in case we are unable to offer the course.

Mayflower High School reserves the right to withdraw any courses that are under subscribed.

The Admissions Procedure for Mayflower Applicants

Ahead of the Open Evening on Thursday 7 November 2024, the Parents/Carers of Mayflower Year 11 students will receive an email containing a link to our Prospectus and our Internal Application Form.

The Application Form must be completed by 4.00pm on Friday 6 December 2024. Students should choose options pertinent to their predicted grades using information in the Prospectus.

All Sixth Form applicants will be asked to attend a course consultation before an offer can be made. Course consultations will take place from 3.30pm on the following dates:

Internal Students - Wednesday 15 January and Thursday 16 January 2025

External Students - Wednesday 22 January 2025

Students and Parents/Carers are required to attend this meeting. Details of the procedure for the meeting will be available nearer the time. At the course consultations, students will be advised as to the suitability of their choices and recommendations will be made to the most suitable courses for each student. It is important to note that student entry on to specific courses will be determined by their GCSE results. After the consultations, students will be asked to review their option choices in light of the guidance given.

Please note that GCSE Results Day is Thursday 21 August 2025.

Details of the procedure that will operate on that day will be available nearer the time. Students are strongly advised to avoid taking holidays at this time.

The Admissions Procedure for External Applicants

The Sixth Form Application Form should be completed and received by the School by 4.00pm on **Friday 6 December 2024**.

Admission to the Sixth Form in Year 12 is available for up to 60 students who have not previously attended the school. All applicants must meet the minimum entry requirements for their chosen course of study. Furthermore, students must meet specific subject requirements. Full details are published on the school website and in this prospectus. External students choose options pertinent to their predicted grades using the information in the prospectus.

All external applications received by the deadline of **Friday 6 December 2024**, will be ranked in accordance with the following criteria as described in the school admission policy:

- 1. Children Looked After
- 2. Children living in the priority admission area with a sibling attending the school
- 3. Other children living in the priority admission area
- 4. Children living outside the priority admission area with a sibling attending the school
- 5. Remaining applications

In the event of oversubscription, places will be offered, subject to references to the Top 60 students. Sixth Form Course Consultations for external applications will take place after school on Wednesday 22 January 2025. Students will be given a time when this consultation will take place and parents are required to attend in order to assist in ensuring that students are placed on the course most suitable for them. After the course consultation, students are asked to review their option choices from the relevant option blocks and confirm their options by returning their option forms. The remaining applicants will be placed on a waiting list and contacted if a place becomes available.

Please note that GCSE Results Day is Thursday 21 August 2025. Students are strongly advised to avoid taking holidays at this time.

References from the student's current school or college will be taken.

Any applications received after the deadline will be marked as late.

Sixth Form Expectations

Moral Code

At Mayflower High School all members of the community are required to show courtesy and respect towards each other and students are educated within a moral, spiritual and cultural context.

Staff and students have a clear sense of what is important, what will be valued and what will not be tolerated and everyone realises what kind of behaviour is expected of them and of others.

Opportunities exist to promote the values of self-discipline and self-respect, together with those of honesty, fairness, politeness and co-operation. Assemblies provide an effective way to instil these virtues, as do the good example set by staff in teaching across all areas of the curriculum. Our personal development sessions help students to develop feelings of empathy and concern for others and to develop their social skills.

Behaviour, Attendance and Punctuality

We expect our applicants to have excellent behaviour, attendance and punctuality. The behaviour and attendance record of all applicants will be checked in advance of any places being offered. We reserve the right to refuse entry to anybody that does not meet our high standards.

Progress to Year 13

To progress from Year 12 to Year 13, all students must satisfy the following criteria:

- Demonstrate excellent attendance and behaviour
- Show evidence of commitment to hard work and motivation

All students on A Level pathways must:

Achieve a grade A-E in their End of Year Examinations. Students who achieve a U grade may have extra intervention sessions added to their timetables in Year 13 which must be attended, failure to do so will jeopardise a student's place in the Sixth Form. Students must have a viable curriculum consisting of at least 3 courses. It is not possible to drop an A Level at the end of Year 12

Those students studying Applied General courses must:

Pass the first year of their course. Those that do not may have extra intervention sessions added to their timetables in Year 13 which must be attended, failure to do so will jeopardise a student's place in the Sixth Form.

Our Curriculum

The Organisation of our Courses

Our courses are arranged in option blocks which are set out in this Prospectus. Mayflower Year 11 students should select courses from the option blocks that correspond to their predicted grades. External students should choose options pertinent to their predicted grades using the information in the prospectus.

Students can only select **ONE** option from each block as all of the subjects in one block are taught at the same time. It is not possible for us to move subjects from one block to another.

NOTE:

Any student who has not gained a grade 4 or above in GCSE English or GCSE Mathematics, must continue to study the subject(s) in the Sixth Form. Resit classes are taught alongside the main curriculum and are compulsory in line with Government policy.

Core Mathematics is taught over one year. Students opting for this qualification must have 3 other A Levels / A Level equivalents in their programme of study.

Liner A Levels

All A Levels are linear in nature, meaning that the grade for an A Level will be entirely determined by terminal examination at the end of Year 13.

All A Levels are now fully linear. With the exception of the EPQ (a stand-alone AS Level), the school does not offer any AS Level qualifications. All A Level qualifications are two years in duration and should a student leave at the end of Year 12 they will not receive an AS Level qualification for one year of work.

All Applied General qualifications incorporate an examination element. Alongside examination units, there are course work units which will contribute to a student's final grade. Coursework deadlines must be met.

Option Blocks 2025

Option A	Option B	Option C	Option D
BTEC Level 3 Busir	ness - Double Award	BTEC Level 3 Health & Social Care	BTEC Level 3 Applied Science
Applied Diploma Level 3 Criminology	BTEC Level 3 Sport	A Level Biology	A Level Accounting
A Level Art & Design	A Level Business	A Level Film Studies	Extended Certificate Level 3 ICT
A Level Business	A Level Geography	A Level Economics	A Level Biology
A Level Chemistry	A Level History	A Level Psychology	A Level English Literature
A Level Economics	A Level Law	A Level Mathematics	A Level History
A Level English Language & Literature	A Level Religious Studies	Core Mathematics (1 Year Course)	A Level Law
A Level Sociology	A Level Physics		A Level Product Design
A Level Politics	A Level Psychology		A Level Spanish
A Level Physical Education	Core Mathematics (1 Year Course)		
A Level Sociology	Core Mathematics (1 Year Course)	These are the likely Option starting in September 2025 confirmed once all applicat	i. Courses will be

option group numbers are known.

Accounting

A Level

Exam Board: AQA Contact: Mr A Brooks

What will I study?

Year 12:

In the first year you will cover the foundations of both financial and management/cost accounting

- Role of the accountant in business
- Business organisation types
- Double entry model and accounting records
- Verification of accounting records
- Accounting concepts
- Preparation of financial statements of sole traders
- Budgeting
- Marginal costing

Year 13:

Throughout the second year you will cover more advanced techniques, building on prior knowledge and understanding of both financial and management/cost accounting.

- Standard costing and variance analysis
- Absorption and activity-based costing
- Capital investment appraisal
- Incomplete records
- Partnership accounts
- · Limited company accounts
- · Interpretation, analysis and communication of accounting information
- Impact of ethical considerations

What are the opportunities after my course?

After completing this qualification many students will choose to progress on to study Accounting or Finance related degree courses in Higher Education. Other students will gain employment or apprenticeships in accountancy, in both in the local area and with international firms based in London



x4 GCSEs 4 or above including a grade 5 in Mathematics

Art & Design

A Level

Exam Board: AQA Head of Subject: Miss S Brown

What will I study?

In A Level Art and Design you will develop a broad range of two-dimensional and/or three-dimensional media, processes and techniques. You will explore the use of drawing for different purposes, experimenting with a variety of materials.

What will I study at A Level?

AQA Art, Craft and Design - This is a 2 year linear course and is in two parts.

Component 1: Personal Investigation

This is worth 60% of your overall grade.

Students will conduct a practical investigation into an idea, issue, concept or theme, supported by written material. It will show clear development from an initial idea and be informed by contemporary or past practice of artists, photographers, designers or crafts people. An additional essay will be submitted alongside the practical work of between 1500-3000 words.

Component 2: Externally Set Assignment

This is worth 40% of your overall grade.

The exam board will issue exam papers in February and students will pick a title from 8 given choices to use as a starting point. They will develop a project in the same format as Component 1. This will conclude in a 15 hour exam where they will complete the final outcome(s).

What are the opportunities after A Level?

A Level Art and Design offers you a valuable qualification for university entry. It can be combined with other degree course subjects or provide you with a good basis for further study on a foundation course at art college or university. Careers in art and design cover a wide range of employment opportunities such as advertising, architecture, fashion design, product design, marketing, publishing, theatre, film, television and animation.

What are the entry requirements?

Grade 6 in Art plus a CAPS score of 5

Biology A Level

Exam Board: AQA Head of Subject: Miss A LeGrys / Mr T Griffiths

What will I study?

In A-Level Biology covers key topics such as biological molecules, cells, genetics, evolution, and ecosystems. You'll study processes like photosynthesis, respiration, and homeostasis, while developing practical lab and data analysis skills. This course prepares you for further studies and careers in biological sciences. What are the entry requirements?

Grade 6-6 in GCSE Combined Science (if Separate Sciences are undertaken, 6-6 including 6 in Biology)

Plus a CAPS score of 5

What will I study at A Level?

Topics Studied in Year 1:

- Biological molecules including carbohydrates, proteins, lipids, DNA, ATP, water and inorganic ions
- · Cell ultrastructure, transport across membranes, cell recognition and Immunity
- · How organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms to include DNA and protein synthesis, genetic diversity and biodiversity

Topics Studied in Year 2:

- Energy transfers in and between organisms to include biochemistry of photosynthesis and respiration, productivity and nutrient cycles
- How organisms respond to changes in their environments using nervous coordination and muscle contraction and control of both blood glucose and blood water potential
- Genetics, populations, evolution and ecosystems
- The control of gene expression including gene technologies

Students will sit three two-hour papers at the end of Year 13.

What are the opportunities after A Level?

Possible degree options - the top seven degree courses taken by students who have an A-level in Biology are:

Biology, Psychology, Sport and Exercise Science, Medicine, Anatomy, Physiology and Pathology Pharmacology, Toxicology and Pharmacy Chemistry.

Possible career options:

Clinical molecular geneticist, nature conservation officer, pharmacologist, research scientist, higher education lecturer, secondary school teacher, dentist, doctor.

Business

A Level

Exam Board: OCR Head of Subject: Mr P Bailey

What will I study?

In A-Level Business, you'll study key aspects of business operations, including management, marketing, finance, human resources, and strategy. The course covers topics such as decision-making, leadership, business growth, and external influences on businesses, providing you with a solid understanding of how businesses operate in a competitive environment. You'll also develop analytical and problem-solving skills through real-world business scenarios.

What will I study at A Level?

A Level Business introduces you to all you need to know about working in business, providing a solid foundation for further study. With a focus on helping you to become a good decision maker, you'll learn essential managerial skills, alongside techniques to help you become an analytical problem solver.

This new specification focuses on a range of different contexts from; small businesses to large companies, local to global organisations, across different sectors from manufacturing to service based.

In Year 12, students will study about the importance of these contexts to making business decisions, in the main functional areas (Marketing, Finance, HR and Operations) and how activities interrelate and affect competitiveness alongside the impact businesses have on the environment.

Year 13 builds on the Year 12 content and adopts a more holistic approach to business and brings in the idea of strategic decision making, to include: Responsibility, ethical and environmental issues on strategic decisions, the impact of technological change on strategic decision making and the difficulties in forecasting future trends.

There are three two-hour papers at the end of the two years of study.

What are the opportunities after A Level?

An A Level in Business helps to gain a clearer idea of career options available in the world of business and shows to employers that you have relevant knowledge and interests. A Level Business will provide entry to management training courses and degree level apprenticeships.

There are hundreds of degree courses on offer in Business and related subjects such as Accountancy, Marketing and Management. You can also combine Business with a wide range of other subjects at degree level such as Languages, Engineering, Psychology and Computing. What are the entry requirements?

Grade 5 in GCSE English Language or English Literature OR a grade 4 in GCSE English Language or English Literature and a grade 6 in a GCSE Humanity OR GCSE Business.

Business

BTEC Level 3

Exam Board: EDEXCEL Head of Subject: Mr A Brooks

What will I study?

A Level 3 BTEC National Diploma is a practical, work-related course. Students learn by completing internally assessed projects and assignments that are based on realistic workplace situations, activities and demands. They will also undertake external assessments in the form of examinations and set tasks marked by the Examination Board.

It is equivalent to two A Levels and will be taken as a two-year full-time course.

The course is made up of eight units – four core units, which everyone takes, and four specialist units. The specialist units enable you to study particular areas in more depth.

What will I study during year one of Level 3?



4 GCSEs minimum grade 4.

Including a grade 4 in GCSE English Language or English Literature.

A grade 4 in GCSE Mathematics is recommended.

In the first year of the course, year one, students will study four units which is the equivalent of one A Level and will make up the first 50% of their total grade.

- Exploring Business Activity
- Developing a Marketing Campaign (Externally Assessed Set Task)
- Personal and Business Finance (Externally Assessed Exam Unit)
- · Managing an event

What will I study during year two of Level 3?

During the second year of the course students will study four Specialist units that will make up the further 50% of their total grade. This will include units in:

- International Business
- Principles of Management (Externally Assessed Set Task)
- Recruitment and Selection
- Customer Service

What are the opportunities after Level 3?

Level 3 BTEC Diploma can lead to career opportunities in business.

Students could continue to study with a degree or BTEC Higher National in Business. Alternatively they can continue with their study with a Level 3. Apprenticeship opportunity in a wide background of jobs.

Chemistry

A Level

Exam Board: AQA Head of Subject: Mr M Ganda / Mr T Griffiths

What will I study at A Level?

The Year 1 Chemistry course will be assessed through internal examinations in Summer 2023. Topics studied in Year 1 include:

Physical Chemistry: Atomic structure, amount of substance, bonding, energetics, kinetics, chemical equilibria (qualitative), redox.

Inorganic Chemistry: Periodicity, Group 2, Group 7.

Organic Chemistry: Introduction to organic chemistry, alkanes, halogen alkanes, alkenes, alcohols, organic analysis.

The A Level is assessed and awarded via three 2 hour external exams, to be sat in Summer 2024 at the end of the 2 year course.

In addition to the Year 1 content, the Year 2 Chemistry specification covers:

Physical Chemistry: Thermodynamics, rate equations, chemical equilibria (quantitative), electrochemical cells, acids and bases.

Inorganic Chemistry: Period 3 chemicals, transition elements, reactions of ions in aqueous solutions.

Organic Chemistry: Optical isomerism, aldehydes, ketones, carboxylic acids, aromatic chemistry, amines, polymers, proteins, DNA, organic synthesis and NMR spectroscopy, chromatography.

Practical work is assessed in the exams via investigative skills questions. However, students will receive a practical endorsement on their certificate at the end of the A Level course if they successfully complete all practicals over the two years, including writing lab reports for each.

What are the opportunities after A Level?

Not only is Chemistry an extremely interesting and useful subject, it is looked upon as one of the most desirable subjects to have at A Level by universities and employers. Careers that Chemistry can lead into include: pharmaceuticals, chemical engineering, law, accounting, research, cosmetics development, medicine, dentistry, veterinary science, architecture and civil engineering. Grade 6-6 in GCSE Combined Science (if Separate Sciences are undertaken, 6-6 including 6 in Chemistry) A grade 6 at Mathematics is highly recommended due to the mathematics requirements in the Chemistry specification. Students that are not taking A Level Mathematics are strongly

What are the entry requirements?

Plus a CAPS score of 5

advised to consider taking

Core Mathematics

Core Mathematics

AS Level

Exam Board: EDEXCEL Head of Subject: Mr T Hayes

What will I study at A Level?

Edexcel Mathematics in context (Level 3 Core Maths) is intended to encourage students to further develop their understanding of Mathematics. It is primarily aimed at students who have enjoyed Mathematics at GCSE and are considering studying a Mathematics related subject at a higher level. The course will provide links to GCE A Level Biology, Business Studies, Chemistry, Physics, Economics, Computing, Geography, Psychology, BTEC Business, Health and Social Care through a range of mathematical methods and techniques, including using contemporary calculator technology and knowledge and use of a spreadsheet, to find solutions to problems. What are the entry requirements?

Grade 4 at GCSE Mathematics

Plus a CAPS score of 5

CTR/Cherry (B

By acquiring appropriate skills, the emphasis is on using a variety of mathematical and statistical approaches to represent and analyse problems. Students will generate and apply mathematical solutions to problems taking creative approaches where appropriate and test and evaluate answers and conclusions.

Students will take units on topics as diverse as Environment, Finance, Clothing and Health, in an applied Maths situation.

Students will sit 2 examinations at the end of the course (each lasting 1 hour and 40 minutes) in May 2025.

What are the opportunities after AS Level?

Students will develop competence in the selection and use of mathematical methods and techniques applicable to any program of further study or work. The course provides students with confidence in representing and analysing authentic situations mathematically and in applying mathematics to address related questions and issues.

Students will build skills in mathematical thinking, reasoning and communication thereby strengthening their arguments and abilities in a broad range of subjects including: Psychology, Biology, Geography, Economics etc.

Criminology Applied Diploma Level 3

Exam Board: WJEC Head of Subject: Miss C Juggins

What will I study?

An understanding of criminology is relevant to many job roles within the criminal justice sector, social and probation work and sociology and psychology.

WJEC Level 3 Applied Diploma in Criminology is a qualification with elements of psychology, law and sociology that complements studies in Humanities.

This is an Applied General qualification. This means it is designed primarily to support learners progressing to University. It has been designed to offer exciting and interesting experiences through applied learning ie. through the acquisition of knowledge and understanding in purposeful contexts linked to the criminal justice system.

Level 3 Applied Diploma in Criminology Qualification structure:

1. Changing Awareness of Crime Mandatory	Internally Assessed (8 hours)
2. Criminology Theories Mandatory	Externally Assessed
3. Crime Scene to Courtroom Mandatory	Internally Assessed (8 hours)
4. Crime and Punishment Mandatory	Externally Assessed

The first mandatory unit will enable the learner to demonstrate understanding of different types of crime, influences on perceptions of crime and why some crimes are unreported.

The second mandatory until will allow learners to gain an understanding of why people commit crime, drawing on what they have learned in Unit 1.

The third mandatory until will provide an understanding of the criminal justice system from the moment a crime has been identified to the verdict. Learners will develop the understanding and skills needed to examine information in order to review the justice of verdicts in criminal cases. In the final mandatory unit, learners will apply their understanding of the awareness of criminality, criminological theories and the process of bringing an accused to Court in order to evaluate the effectiveness of social control to deliver criminal justice policy.

What are the opportunities after Level 3?

The main purpose of the Level 3 Applied Diploma in Criminology is to use the qualification to support access to higher education degree courses, such as:

- BSc Criminology
- BA Criminology
- BA Criminology and Criminal Justice
- BSc (Hons) Criminology and Psychology
- LLB (Hons) Law with Criminology

- BA (Hons) Criminology and Sociology
- BA (Hons) Criminology
- BSc (Hons) Psychology and Sociology
- BSc Criminology with Law

Alternatively, the qualification allows learners to gain the required understanding and skills to be able to consider employment within some aspects of the criminal justice system, eg. the National Probation Service, the Courts and Tribunals Service or the National Offender Management Service.

What are the entry requirements?

5 GCSEs minimum grade 4, including grade 4 in GCSE English Language or GCSE English Literature. A grade 5 in a GCSE Humanity and IT or Computer Science is desirable.

Economics

A Level

Exam Board: AQA Head of Subject: Mr T Wilkinson

What will I study at A Level?

During the two year course of study, students will focus on the two main areas of Economics – Macroeconomics and Microeconomics. The students will study such topics as supply and demand, market failure, fiscal policy, monetary policy and globalisation. Throughout the course, students are encouraged to relate text book theory to real life scenarios and they will have the opportunity to subscribe to 'The Economic Review'. The vital relevance of Economics to

everyday life is a key element to the teaching style of the course and it would be useful if the students were to have an awareness of current affairs.

The A Level qualification has three two-hour examinations in Macroeconomics, Microeconomics and Economic Themes. Examination questions will be in the form of multiple choice, data response and extended writing. These examinations are taken in the summer of Year 13.

What are the opportunities after A Level?

Economics is a prestigious and highly valued qualification in business and universities, thanks to the high level skills it develops. Careers in finance, investment banking and accountancy are popular routes with many well established financial institutions, looking for either A Level Economics and/or Business on a CV.

What are the entry requirements?

Grade 5 in GCSE English Language or English Literature OR a grade 4 in GCSE English Language or Literature and a grade 6 in a GCSE Humanity. Students that are not taking A Level Mathematics are strongly advised to consider taking AS Level Core Mathematics.

English Language and Literature

A Level

Exam Board: OCR Head of Subject: Mr P Ellis

What will I study at A Level?

Paper 1 - Exploring Non-Fiction and Spoken Texts (16%) Assessed by examination - 1 hour. Closed book examination.

One question based on a text from an anthology and one unseen text.

Paper 2 - The Language of Poetry and Plays (32%) Assessed by examination - 2 hours. Closed book examination.

Section A: The study of fifteen poems by Carol Ann Duffy. One question on how a theme is presented in one poem.

Section B: The study of the play A Streetcar Named Desire. One question, extract based. Extract is printed in exam.

Paper 3 - Reading as a Writer, Writing as a Reader (32%) Assessed by examination - 2 hours. Open book examination.

Section A: The study of The Great Gatsby. A choice of two questions about methodology.

Section B: Creative Writing – 500 words of creative writing based on a choice of two storylines and a 250 word commentary about the narrative and descriptive techniques used.

Non-examined Unit (20%)

Task 1: An independent study of two substantial texts (Twelve Years a Slave or Stasiland) compared to a free choice, one of which must be post-2000.

Task 2: Non-fiction original writing - 1000-1,200 words with a 150 word introduction.

What skills will I need?

You will be expected to read independently around the subject and make notes to enhance your understanding of the work completed in class. It will also be necessary to engage actively in the lessons, contributing your own interpretations as well as taking on board the ideas of others. It is essential that you enjoy reading as the course will require you to read a variety of texts, both fiction and non-fiction.

What are the opportunities after A Level?

You will learn and use a wide variety of transferrable skills during the course. These skills are in great demand to employers, universities and colleges and are also valuable in their own right. English Language and Literature can be studied separately as a single subject in Higher Education or combined with a wide variety of other subjects. It could form an excellent basis for study in any arts-based subject in combination with, for example, history, media studies, philosophy, law, politics or languages.

What are the entry requirements?

Grade 6 or above in both GCSE English Language and GCSE English Literature.

English Literature

Exam Board: OCR Head of Subject: Mr P Ellis

What will I study at A Level?

Paper 1 - Drama and Poetry Pre-1900 (40%) Assessed by examination - 2 hours 30 minutes. Closed book.

Section A: A two-part question on a Shakespeare play (Twelfth Night, The Tempest or Hamlet.) One question is extract based, one question is about the text as a whole.

Section B: A comparison of one drama text with one work of poetry based on a theme (A Doll's House compared to the poetry of Christina Rossetti or An Ideal Husband compared to The Merchant's Tale.)

Paper 2 - Comparative study of Dystopian Fiction (40%) Assessed by examination – 2 hours 30 minutes.

Section A: A close analysis of an unseen dystopian fiction extract.

Section B: A comparative essay on The Handmaid's Tale and Nineteen Eighty-Four.

Non-examined Unit (20%)

Task 1: An independent study of two substantial texts (Twelve Years a Slave or Stasiland) compared to a free choice, one of which must be post-2000.

Task 2: A comparative essay on a play (A Streetcar Named Desire **Or** The History Boys) and a novel (Breakfast at Tiffany's or The Prime of Miss Jean Brodie)

What skills will I need?

You will be expected to read independently around the subject and make notes to enhance your understanding of the work completed in class. It will also be necessary to engage actively in the lessons, contributing your own interpretations as well as taking on board the ideas of others. It is essential that you enjoy reading as the course will require you to read a variety of texts, both fiction and non-fiction.

What are the opportunities after A Level?

You will learn and use a wide variety of transferrable skills during the course. These skills are in great demand to employers, universities and colleges and are also valuable in their own right. English Language and Literature can be studied separately as a single subject in Higher Education or combined with a wide variety of other subjects. It could form an excellent basis for study in any arts-based subject in combination with, for example, history, media studies, philosophy, law, politics or languages. What are the entry requirements?

Grade 6 or above in both GCSE English Language and GCSE English Literature.

English GCSE Resit

Exam Board: AQA Head of Subject: Mr P Ellis

What will I study?

This is a one-year course, which will allow students to build on the skills acquired in Years 10 and 11. During their year, they will improve their skills for the final examination.

GCSE English Language consists of two papers:

Paper 1: Explorations in Creative Reading and Writing (50%)

Section A - Reading Comprehension

You will read a piece of literacy fiction and answer a range of questions.

Section B - Writing

You will have a choice of descriptive or narrative (story) writing.

Paper 2: Writers' Viewpoints and Perspectives (50%)

Section A - Reading Comprehension

You will answer questions about a non-fiction text (e.g. a newspaper article) and a literary non-fiction text (e.g. an extract from an autobiography or travel writing).

Section B - Writing

Non-examined Unit (20%)

Task 1: An independent study of two substantial texts (Twelve Years a Slave or Stasiland) compared to a free choice, one of which must be post-2000.

Task 2: A comparative essay on a play (A Streetcar Named Desire **Or** The History Boys) and a novel (Breakfast at Tiffany's or The Prime of Miss Jean Brodie)

What are the entry requirements?

This is compulsory for all students who attain below a grade 4 in GCSE English Language or in GCSE English Literature.

Extended Project Qualification (EPQ)

Exam Board: AQA Head of Subject: Miss C McGroder

What will I study?

The Extended Project Qualification is an AS Level qualification that is aimed at extending and developing the learner's main programme of study. The EPQ begins in the summer term of Year 12 and is completed in Year 13. It is based around a topic chosen by the student involving an extended research project. Learners are required to:

- 1. Choose an area of interest
- 2. Draft a title and aims of the project for approval by the centre
- 3. Plan, research and carry out the project
- 4. Analyse, evaluate and synthesise data sets
- 5. Deliver a presentation to a specified audience
- 6. Provide evidence of all stages of project development and production for assessment.

What does an extended project look like?

An extended project can be either a 5000 word written project or a much shorter text with an artefact (e.g. a performance, a piece of software, a piece of art).

Why should I study this?

The EPQ is highly recommended by the Higher Education and Business communities alike. Several universities are now offering lower entry requirements for students who have produced a successful EPQ. It is so highly considered that it is the only AS Level qualification to attract an A* grade.

The EPQ provides a chance to develop your thinking, research and communication skills. These skills are vital for success at university and work.

What are the opportunities after EPQ?

A successful EPQ candidate could potentially earn 28 UCAS points by gaining an A* at EPQ. The EPQ may be used as a platform for future studies and would demonstrate that a candidate is capable of independent learning.

What are the entry requirements?

Students must be signed onto an A Level or Applied General course

Film Studies

A Level Exam Board: EDUQAS

Head of Subject: Miss C Kavanagh

What will I study at A Level?

The EDUQAS A Level Film Studies qualification is a single A Level award and is examined in 3 components.

Component 1	Varieties of film and filmmaking	2.5 hours
Component 2	Global filmmaking perspectives	2.5 hours
Component 3	Production	NEA



Grade 5 in GCSE English Language or Literature OR Grade 5 in GCSE Film Studies.

Plus a CAPS score of 5

CONTENT OF THE COURSE:

Component 1 - Varieties of film and filmmaking:

- Hollywood 1930 1990 (comparative study)
- American film since 2012 (two-film study)
- British film since 1995 (two-film study)
- Film form: cinematography, mise-en-scene, editing, sound and performance
- Context of film: social, cultural, historical, political, technological and institutional
- Specialist study areas: spectatorship, narrative, ideology and auteur theory study

Component 2 - Global filmmaking perspectives:

- Global film (two-film study)
- Documentary film
- Silent cinema
- Experimental film
- Film form: cinematography, mise-en-scene, editing, sound and performance
- Context of film: social, cultural, historical, political, technological and institutional
- Specialist study areas: narrative, auteur theory study, critical debates & filmmakers' theories

Component 3 - Production (NEA):

- Create a short film (4 minutes to 5 minutes) focusing on narrative.
- Evaluative analysis of the production (1600 1800 words)

What are the opportunities after A Level?

Possible Degree options: Film Studies, Creative Film, Film & Media, Film & English Literature, Film & History, Film & Television Studies, Film Production, Film & Visual Culture

Career options: film-making, 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, public relations officer and advertising.

Geography A Level

Exam Board: OCR Head of Subject: Mrs S Keyworth

What will I study at A Level?

The OCR Geography A Level is assessed via three exams, to be sat at the end of the second year and an independent investigation report.

The main topics in each section are listed below:

What are the entry requirements?

Grade 5 in GCSE Geography.

CONTENT OVERVIEW	ASSESMENT OVERVIEW	
Landscape Systems Coastal landscapes - systems, processes, landforms, impact of climate change over time, impact of human activity. Earth's Life Support Systems The carbon and water cycles - their importance, processes and pathways, tropical rainforest, arctic tundra, human impacts, management. Geographical Skills*	Physical systems (unit 01) 66 marks 1½ hour written paper	22% of total A Level
Changing Spaces; Making PlacesCharacteristics of place, perceptions of place and how this changes over time, economic change and social inequality, players influencing economic change, creation of places by place making processes.Global ConnectionsAs a school we are currently studying:Global migration - patterns of migration, factors influencing global migration patterns, opportunities and challenges associated with migration flows.Powers and borders - sovereignty and territorial integrity, contemporary challenges, the role of global governance in conflict, effectiveness of global governance.Geographical Skills*	Human interactions (unit 02) 66 marks 1½ hour written paper	22% of total A Level
As a school we are currently studying: <u>1) Climate Change</u> – past climate change, human influence, debates, impacts, human responses, can international responses ever work? <u>2) Hazardous Earth</u> – continental drift and plate tectonics, volcanic hazards and landforms, tectonic hazards and landforms, impacts on humans, measures to help people live in tectonically active locations. <u>Geographical Skills*</u>	Geographical debates (unit 03) including synoptic assessment 108 marks 2½ hours written paper	36% of total A Level
 Independent Investigation Student geographical enquiry on a chosen topic: Research question/hypothesis identified Data collection - primary and secondary Presentation and analysis of results Conclusions and evaluations 	Investigative Geography (unit 04/05). 60 marks Non-examination assessment An individual investigation report, (3000-4000 words), internally assessed & externally moderated.	20% of total A Level

* **Geographical skills** are integrated throughout the course following a brief introduction at the start of Year 12. They include geographical information (data, maps, diagrams, and graphs), geo-located data, qualitative skills and quantitative skills (measurement and sampling, statistics).

Exam board **fieldwork** requirements: 'Fieldwork is an integral, compulsory part of the A level examination. Fieldwork of at least four days throughout the A Level course is required. Additional fieldwork may be required in order to complete the Independent Investigation. Fieldwork will be assessed in the Independent Investigation, a written report.'

Currently in Year 12 students undertake fieldwork days at Southwold and Stratford. Students usually complete the data collection for their independent investigation on a residential fieldwork course either at the end of Year 12 or early in Year 13. Recently this has been in Southwold.

What are the opportunities after A Level?

Geography is an academically robust subject which spans the social and physical sciences and promotes a lifelong interest and fascination in how the world works.

It is part of the academic group of EBacc GCSE subjects and the Russell Group of universities has recognised A Level geography as one of their preferred 'facilitating subjects'; which supports an application into a wide range of undergraduate courses.

The knowledge and transferable skills that geographers gain from their A Level and degree studies are highly relevant to the workplace and geography graduates experience some of the lowest levels of graduate unemployment. You will find geographers working in every sector of the economy including the City, local businesses, the armed forces, environmental consultancy, leading highly relevant research or as key decision makers in local and national Government.

Geography is relevant to the world today. Studying geography helps us to understand many of the issues we face in Britain and globally, such as how we might respond to the impact of climate change or be better prepared for natural hazards. It is the new research undertaken by geographers that is informing the debate about these challenges and helping us to navigate through the world's geographically complex people, places and environments.



Health and Social Care

BTEC Level 3

Exam Board: EDEXCEL Head of Subject: Mr C Anderson

What will I study?

The BTEC National Extended Certificate in Health and Social Care is a practical, work-related course, which provides you with an understanding of the skills needed when looking to build a career in any health or social care setting. Students learn through completing projects and assignments that are based on realistic workplace situations. Work is assessed in a number of ways, including written assignments, presentations and exams.

The BTEC National Extended Certificate is equivalent to one A Level and will be taken as a two year full time course.

The course consists of 3 mandatory and 1 optional units:

- Human Lifespan Development (exam)
- Working in Health and Social Care (exam)
- Meeting Individual Care and Support Needs (assignment)
- Physiological Disorders (assignment)

Students who successfully complete all units are awarded a Pass, Merit, Distinction or Distinction * grade for the qualification.

What are the opportunities after Level 3?

Students can go on to study a degree related to Health and Social Care, as successful completion of the qualification will contribute to UCAS points, required for university courses. Such degrees include Nursing, Midwifery, Occupational Therapy and Social-Work, amongst others.

Alternatively, students can progress straight into employment in many health and social care settings.

What are the entry requirements?

GCSEs minimum grade 4 or a Merit in Level 2 BTEC Diploma in Health and Social Care.

A grade 4 in English Language is recommended.

History A Level

Exam Board: EDEXCEL Head of Subject: Miss N Gunnell

What will I study at A Level?

Route C Revolutions in Early Modern and Modern Europe

Paper 1C Britain 1625 - 1701 Conflict Revolution and Settlement

A study of the changes that occurred in both politics and religion from the start of Charles I's reign through the Civil War period, the Commonwealth and Protectorate of Cromwell to the Restoration of Charles II and the passage to the Glorious Revolution. To specifically consider how revolutionary the Glorious Revolution was? (*Written examination: 2 hours 15 minutes (2 essay questions and 1 source evaluation*).

Paper 2C Russia in Revolution, 1894 - 1924

A study of the transition of Russia, from the Tsarist rule of Nicholas II looking at the nature of government including the 1905 Revolution and its impact. The changes and the impact of World War I and the end of Romanov rule in the February Revolution. The Provisional Government and its struggles. Finally the October Revolution and the defence of the Bolshevik revolution until 1924. *Written examination: 1 hour 30 minutes (1 source evaluation and 1 essay).*

Paper 3 (31) Rebellion and disorder under the Tudors 1485 - 1603

A study of the way in which the Tudors established their dynasty. The first element will explore the extension of control through government changes and the development of the crown church and Parliament and the extension of control through co-operation with the localities. This will then reflect on the challenges to Tudor monarchs in securing the succession, in the Reformation, in responding to agrarian distress, in religious revolt, and finally in Ireland.

Written examination 2 hours 15 minutes (1 source evaluation and 2 essays).

Paper 4 Coursework

This is the opportunity for students to carry out an independently researched enquiry based on an aspect of Stalin's USSR. The focus is the analysis and evaluation of the views of different historians and their interpretations of specific issues and controversies. The following are possible suggestions: the reasons for Stalin's rise to power, an assessment of his economic policies or the part he played in Purges of the 1930's which led to the destruction of Lenin's supporters. There is a 4000 word limit and students will be required to study the writings of various historians, as well as other texts for further support.

What are the opportunities after A Level?

Students may wish to pursue their historical studies by studying a History degree. History is also a facilitating subject for University. Equally, History is seen as a highly valued A Level which develops analytical and evaluative skills and is attractive to a wide number of employers. What are the entry requirements?

Grade 6 in GCSE History. If History has not been studied a grade 6 in English Literature or English Language would be acceptable.

ICT Extended Certificate Level 3

Exam Board: Cambridge National Head of Subject: Mr D Holmes

What will I study?

Fundamentals of IT:

A 90 minute examination covering:

- Computer Hardware
- Computer Software
- IT Business Systems
- · Employability and communication skills
- · Ethical and operational issues related to computer systems

Global Information:

A 90 minute examination covering:

- How information is held and transmitted globally
- Classification and management of global information
- · Benefits to individuals and organisations
- · Legal and regulatory framework related to global information and its storage and use
- Principles of information flow and security

Cyber Security:

A 60 minute examination covering:

- · The meaning of cyber security
- The issues surrounding cyber security
- Measures used to protect against cyber security incidents
- · How to manage cyber security incidents

Product Development:

A 60 hour internally assessed unit covering:

- Development methodologies
- Functional requirements
- Design Phases
- Implementation of a new product
- Evaluation and acceptance testing

Project Management:

A 60 hour internally assessed unit covering:

- Phases of project lifecycle
- Scope and success criteria
- Project planning and management of scope
- Project execution and handover
- Project analysis

What are the opportunities after Level 3?

Employment within the ICT industry, transferable skills into employment



Grade P2 at Level 2 Cambridge Nationals (Level 2 Pass)

Law A Level

Exam Board: AQA Head of Subject: Mrs H Maytum

What will I study at A Level?

The core content will develop knowledge and understanding of the Legal System together with an evaluation of its operation and performance. Additionally, students will be introduced to substantive law which requires the application of Criminal and Tort Law.

Students will also have the opportunity to study a synoptic element which requires them to draw on their knowledge of legal issues from throughout the course; this unit focuses on Human Rights. All subject content will be assessed at the end of the course.

What are the opportunities after A Level?

Studying Law gives students an understanding of the role of Law in today's society and raises their awareness of the rights and responsibilities of individuals. By learning about legal rules and how and why they apply to real life, students also develop their analytical ability, decision making, critical thinking and problem solving skills. All these skills are highly sought after by higher education and employers.

Students studying Law will gain a useful background for the further study of Law, either as the main subject or subsidiary part of a degree or for the many professional qualifications that have a law component.

In addition, the study of Law helps develop the learner's analytical ability and critical thinking. It also develops problem solving skills through the application of legal rules. These skills are relevant for many other A Levels including English, History and Business Studies, they are also relevant for almost any higher education course.

What are the entry requirements?

Grade 5 in GCSE English Language or English Literature OR a grade 4 in GCSE English Language or Literature and a grade 6 in a GCSE Humanity.
Mathematics

A Level

Exam Board: EDEXCEL Head of Subject: Mr T Hayes

What will I study at A Level?

The course is intended to encourage students to develop their understanding of Mathematics. This is a challenging course and requires dedication and hard work to ensure success. By acquiring appropriate mathematical skills they learn to appreciate Mathematics as a logical and coherent subject, developing their ability to think clearly, work carefully and communicate ideas successfully. What are the entry requirements?

Grade 7 or above in GCSE Mathematics.

Plus a CAPS score of 5

Two areas of Mathematics are studied:

Pure Mathematics: (2 modules) covering the backbone of higher level mathematics with topics such as proof, algebraic functions, co-ordinate geometry, sequences and series, trigonometry, exponentials and logarithms, differentiation, integration and vectors.

Applied Mathematics: Statistics and Mechanics (1 module) covering sampling, data presentation and interpretation, probability, statistical distributions, hypothesis testing, quantities and units in mechanics, kinematics, Newton's laws and moments.

The applied module gives a brief insight into the use of mathematics in everyday life and demonstrate how theory is put into practical use. Calculators can be used in the assessment. A Level students will sit three examinations in June 2027 with Pearson Edexcel.

What are the opportunities after A Level?

Mathematics is highly valued as a subject both by employers and as a basis for Higher Education. Graduates in Mathematics have advanced career opportunities due to their proven knowledge at solving issues logically. With a Mathematics qualification, you could have a career in many areas of industry including Finance, Statistics, Scientific Research, Engineering or Computing. You will have the ability to turn your hand to areas, which have the best employment prospects in future years.

Mathematics

GCSE Resit

Exam Board: EDEXCEL Head of Subject: Mr T Hayes

What will I study at A Level?

This course is intended for students who did not achieve a grade 4 at GCSE in Year 11.

We will build upon a students' previous knowledge, addressing their weaknesses and building upon students' strengths.

Students will be advised to study Mathematics throughout the year and take the examination in November 2025.

What are the entry requirements?

This is <u>compulsory</u> for all students who attain below a 4 grade in GCSE Mathematics.

There is no coursework required for Mathematics and students will sit three 1 hour 30 minute exams. One paper will examine non-calculator skills and the other two will examine calculator skills. It is essential that each student has their own calculator and learns how to use it efficiently.

After November, we will be following the Level 2 in Functional Maths. This has the same standing as the GCSE in Maths and is highly valued by Universities and employers (603/4268/7).

There is one 2 hour exam and this Maths course studies the maths that we use in everyday life.

What are the opportunities after GCSE?

Mathematics is highly valued as a subject both by employers and as a basis for Higher Education. Most employers require a GCSE in Mathematics at grade 4 or above and all universities do so as well.

Religious Studies

Exam Board: AQA Head of Subject: Mr M Wallen

What will I study at A Level?

The course is the popular AQA syllabus covering Philosophy, Ethics and Development in Christian Thought (Religious Studies 7062). Within these three elements of the course, the following topics will be studied.

What are the entry requirements?

Grade 6 in GCSE Religious Studies. If Religious Studies not taken then a Grade 6 in any other Humanities subject. A Grade 5 in English is highly recommended.

	PHILOSOPHY	RELIGION ANG ETHICS	DEVELOPMENT IN CHRISTIAN THOUGHT
Year 1	 Religious Experience Existence of God Evil & Suffering 	 Normative Ethical Theories: Natural Moral Law Situation Ethics Virtue Ethics Applied Ethics: Issues of Human Life and Death: Embryo research; cloning; Abortion Voluntary euthanasia and assisted suicide Capital punishment Issues of non-human life and death: Use of animals as food; intensive farming Use of animals in scientific procedures; cloning Blood sports Animals as a source of organs for transplants. 	 Sources of wisdom & authority Knowledge & revelation of God Religious identity Gender & sexuality Dialogue between Christianity & Philosophy/Ethics
Year 2	Soul, mind and bodyReligious languageMiracles	 Freewill & Moral Responsibility Conscience Ethical language 	 Christianity & Science Gender & Sexuality Secularism & Pluralism Dialogue between Christianity & Philosophy/Ethics

The course is designed to enable students to continue to develop interest and enthusiasm for a rigorous study of Philosophy, Ethics and Theology. It encourages students to develop their understanding of the modern world and establish a deeper knowledge and appreciation of philosophical, ethical and theological thought.

The course gives students the opportunity to apply their knowledge and skills to contemporary issues, with a focus on inspiring and motivating students, while challenging and developing their perceptions of different world religions. It places an emphasis on responding critically to a wealth of philosophical, ethical and religious concepts, equipping them with analytical skills readily transferable to other subjects. The course encourages students to reflect on and develop their own values and opinions in the light of their study.

What are the opportunities after A Level?

Religious Studies, Theology or Philosophy may be taken at degree level. In previous years, students have enjoyed a high success rate. Some students have gone on to study both Religious Studies, Philosophy and Theology to degree level at university.

Religious Studies is of considerable use in careers concerned with dealing with people. Many careers involve ethical choices and Religious Studies would be a useful qualification in the following: nursing, law, teaching, the police, medical work, probation work, the media and in the area of business and finance.

In addition, Religious Studies is one of the subjects where students learn to think on their feet, to argue and to present a case – this is very useful for interviews.



Physical Education

Exam Board: AQA Head of Subject: Mr M Sergeant

What will I study at A Level?

There are three main elements to the A level PE: Factors affecting participation in physical activity sport, Psychological and Social Principles of Physical Education, Practical Performance and performance analysis and development. The main topics in each section are listed below: What are the entry requirements?

Grade 6-6 in GCSE Combined Science or at least one grade 6 and one grade 5 in Separate Sciences.

Plus a CAPS score of 5

PAPER 1: FACTORS AFFECTING PARTICIPATION IN PHYSICAL ACTIVITY AND SPORT	NON-EXAM ASSESSMENT: PRACTICAL PERFORMANCE IN PHYSICAL ACTIVITY AND SPORT	PAPER 2: FACTORS AFFECTING OPTIMAL PERFORMANCE IN PHYSICAL ACTIVITY AND SPORT	
What's assessed	What's assessed	What's assessed	
Section A: Applied anatomy and physiology Section B: Skill acquisition Section C: Sport and society	Students assessed as a performer or coach in the full sided version of one activity Plus: written/verbal analysis of performance	Section A: Exercise physiology and biomechanics Section B: Sport psychology Section C: Sport and society and technology in sport	
 How it's assessed Written exam: 2 hours 105 marks 35% of A Level 	 How it's assessed Internal assessment, external moderation 90 marks 30% of A Level 	 How it's assessed Written exam: 2 hours 105 marks 35% of A Level 	
 Questions Section A: multiple choice, short answer and extended writing (35 marks) Section B: multiple choice, short answer and extended writing (35 marks) Section C: multiple choice, short answer and extended writing (35 marks) 	 Questions Section A: multiple choice, short answer and extended writing (35 marks) Section B: multiple choice, short answer and extended writing (35 marks) Section C: multiple choice, short answer and extended writing (35 marks) 		

What are the opportunities after A Level?

A number of students continue to study at university in sports-related degrees including; Physical Education and Teaching, Sports Science, Sports Management, Physiotherapy, Psychology and Sports/Exercise Therapy.

Physics A Level

Exam Board: AQA Head of Subject: Mr T Cerson / Mr T Griffiths

What will I study at A Level?

In AQA A Level Physics, you will cover a range of topics that deepen your understanding of the physical principles that govern the universe.

The course is divided into several modules, combining theoretical concepts with practical applications.

What are the entry requirements?

Grade 6-6 in GCSE Combined Science (if Separate Sciences are undertaken, 6-6 including 6 in Physics). Grade 6 in GCSE Mathematics is recommended. Students that are not taking A Level Mathematics are strongly advised to consider taking AS Level Core Mathematics

Plus a CAPS score of 5

Measurements	Use of SI units, prefixes, estimating errors
Partials	Nuclear radiation, particle physics, particle interactions
Waves	Progressive and standing waves, interference, diffraction
Mechanics	Vectors, energy, projectile motion, Newton's laws of motion
Electricity	Current and voltage, sensor circuits, motors and generators
Practical Skills	Data analysis, interpretation and presentation
Further Mechanics	Forces, circular motion, simple harmonic motion
Thermal Physics	Thermal energy transfer, molecular kinetic theory
Fields	Gravitation, planets and satellites, magnetism, electric fields
Nuclear Physics	Radioactive decay, fission and fusion, nuclear reactors
Astro Physics	Telescopes, star cycle, classifying stars, cosmology, exoplanets

Here is a breakdown of the core topics:

Assessment will be by three 2-hour written papers taken at the end of Year 13.

What are the opportunities after A Level?

A Level Physics forms a basic entry requirement for a Physics degree or related degree such as Astrophysics or Medical Physics.

A Level Physics also provides a highly regarded and competitive foundation for access to degree courses in Mathematics, Chemistry, Architecture, Medicine, Economics, Computing and all branches of Engineering.

As well as the traditional career options arising from studies in Physics, the critical and analytical skills developed can boost access to a wide range of other careers including for example; weather forecaster, air traffic controller, cartographer, patent officer and lawyer to name but a few.

Politics

Exam Board: AQA Head of Subject: Miss N Gunnell

What will I study at A Level?

Component One: UK Politics

- 1. Political Participation: Democracy and participation, Political parties, electoral systems, voting behaviour and the media
- 2. Core Political Ideas: Conservatism, Liberalism and Socialism

Written examination overview: 2 hours, worth 33¹/₃% of the qualification.

Section A: Political Participation: This exam will be one 30-mark source based question from a choice of two plus one 30-mark question from a choice of two.

Section B: Core Political Ideas: One 24-mark question from a choice of two.

Component Two: UK Government

- 1.UK Government: The constitution, parliament, prime minister and executive, relationships between the branches
- 2. Non-core political ideas: Feminism Feminism: Ideas and principles, different types of feminism and feminist thinkers and their ideas

Written examination overview: 2 hours, worth 33¹/₃% of the qualification

Section A: UK Government: This exam will be one 30-mark source based question from a choice of two plus one 30-mark question from a choice of two. Section B: Non-Core Political Ideas: One 24-mark question from a choice of two

Component Three: Comparative Politics: US Government and Politics

US Constitution and federalism, US Congress, US Presidency, US Supreme Court and civil rights, democracy and participation, comparative theories.

Written examination overview: 2 hours, worth 33¹/₃% of the qualification

Section A: One 12-mark question from a choice of two Section B: One compulsory 12-mark question on comparative theories Section C: Two 30-mark questions from a choice of three

What are the opportunities after A Level?

Politics is an excellent partner to a range of other A Level courses such as History, Economics and Law. Students may wish to pursue their political studies by embarking on a Politics degree.Equally, this subject is respected by universities and is attractive to a wide number of employers. What are the entry requirements?

Grade 6 in GCSE English Literature or English Language. Equally a grade 6 in a Humanities subject would be considered.

Product Design

A Level

Exam Board: AQA Head of Subject: Mr S Fowler

What will I study at A Level?

This creative and thought-provoking qualification gives you the practical skills, theoretical knowledge and confidence to succeed in a number of careers, especially those in the creative industries. You will be engaged in both practical and theoretical studies.

You will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put your learning in to practice by producing products of your choice.

What are the entry requirements?

Grade 5 in GCSE English Literature or English Language. Equally a grade 5 in a Humanities subject would be considered.

Plus a CAPS score of 5

You will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers. This course is a natural progression from your D&T GCSE Design and Technology Course.

How it will be assessed - one 2 hour 30 minute exam (worth 30%) and one 1 hour 30 minute exam (worth 20%) and a design and make coursework (worth 50%)

This A Level course has three main areas of study:

CORE TECHNICAL PRINCIPLES	CORE DESIGNING AND MAKING PRICIPLES	ADDITIONAL SPECIALIST KNOWLEDGE
Materials and their application	Design methods and processes	Accuracy in design and manufacture
Product design, development and manufacture	Design theory	Product evaluation
Design communication	Technology and cultural changes	Responsible design
Digital design and manufacture	Design process	Project management
Efficient use of materials	Critical analysis and evaluation	Design for manufacture
Health & Safety	Selection of tools, techniques and processes	National and International
Feasibility Studies		Characteristics and properties of materials
Design for manufacture, maintenance and repair		Adhesives and fixings
Protecting designs and intellectual property		Surface finish and coatings
Enterprise and marketing		Forming, redistribution and addition
		Industrial and commercial practice

Modern manufacturing systems

What are the opportunities after A Level?

Combining Design and Technology with other appropriate courses can lead to a wide range of opportunities for Further Education. These include Product Design, Industrial Design, Architecture, Civil Engineering, Structural Engineering, Automotive Engineering, Interior Design, Mechanical Engineering, Aeronautical Engineering and Innovation and Development. For those students who do not wish to pursue this area as a career directly, you may still benefit from the course content as you will be developing your analytical, project management and creative skills

Psychology

Exam Board: AQA Head of Subject: Mr C Anderson

What will I study at A Level?

Unit 1 - Introductory Topics in Psychology

- **Social Influence:** Explanations and factors which might affect conformity and obedience.
- **Memory:** Models of memory and theories of forgetting. Factors that affect the accuracy of eye-witness testimony and ways in which this could be improved.
- Attachment: Explanations and types of attachment, effects of institutionalisation and the influence of early attachment on child and adult relationships.
- Psychopathology: Symptoms, explanations and treatments for phobias, depression and OCD.

Unit 2 - Psychology in Context

- Approaches in Psychology: Outline key approaches in psychology such as, behaviourist, psychodynamic, biological, humanist and cognitive approaches.
- **Biopsychology:** nervous system, endocrine system, brain localisation and hemispheric laterlisation, influence of biological rhythms such as circadian, infradian and ultradian on behaviour, ways of studying the brain e.g. brain scans and post-mortem examinations.
- **Research Methods**: using experimental and non-experimental methods, ethics in psychology, role of peer review, reporting psychological investigations and analysing results using descriptive and inferential statistics.

Unit 3 - Issues and Options in Psychology

- **Relationships:** evolutionary explanations for partner preference, factors affecting attraction, theories of romantic relationships, virtual relationships in social media.
- Forensic Psychology: offender profiling, biological and psychological explanations of offending behaviour, dealing with offending behaviour.
- Schizophrenia: classification of schizophrenia, biological and psychological explanations of schizophrenia, biological and psychological treatments of schizophrenia.

What are the opportunities after A Level?

Students may wish to pursue their historical studies by studying a History degree. History is also a facilitating subject for University. Equally, History is seen as a highly valued A Level which develops analytical and evaluative skills and is attractive to a wide number of employers.

What are the entry requirements?

Grade 5-5 in GCSE Double Science or a 5 in GCSE Psychology

Sociology A Level

Exam Board: AQA Head of Subject: Mr C Barnes

What will I study at A Level?

For the two-year A Level course, you will study the following:

- Families and Households: explanation of family patterns;
- Education: the role of the education system and why some groups achieve more than others;
- Sociological Methods: methods used by sociologists to collect and analyse data;
- Crime and Deviance: different explanations of the patterns and reasons for crime in society;
- Media: ownership, control and change;
- Theory and Methods: underlying theoretical issues and debates, and related methods of research.

Students will sit three 2 hour papers at the end of Year 13.

What are the opportunities after A Level?

An A Level in Sociology will provide you with a wide range of educational and career opportunities. The skills you will acquire teach you how to think through problems rigorously and systematically. It is thus a stepping-stone to higher and further education courses as well as into a variety of careers. It offers a meaningful qualification. Past Sociology students have entered degree courses, not only in Sociology and related subjects, but also in Law, Criminology, Business and Management, Education, the Media and Philosophy. An A Level in Sociology can be the beginning of a career in journalism, teaching, the police, fire brigade, law, media, social work and the caring professions, management and administration, social researcher and many more.

What are the entry requirements?

Grade 5 in GCSE English Language or English Literature OR a grade 4 in GCSE English Language or Literature with a grade 6 in a GCSE Humanity.



Spanish A Level

Exam Board: EDEXCEL Head of Subject: Mrs C Beal

What will I study at A Level?

A level Spanish at Mayflower consists of two externally examined papers assessing listening, reading, writing, translation and a speaking assessment which is externally set and conducted internally. Both examinations and the speaking assessments are marked by the Edexcel examination board. The classes are shared between 3 teachers and each teacher will teach to one exam paper.

- Paper 1 (listening, reading and translation into English) worth 40%;
- Paper 2 (writing [answering two essay questions based on a Spanish novel: and a Spanish film as well as a translation into Spanish]) – worth 30%;
- Paper 3 (speaking worth 30%).

What are the entry requirements?

Grade 6 in GCSE Spanish

Plus a CAPS score of 5

For **Paper One**, students will be assessed on their understanding of spoken and written Spanish from a variety of types of authentic texts and listening material, as well as their ability to translate accurately from Spanish into English. Texts and recordings vary in length to include some extended passages. All spoken and written materials are culturally relevant to Spain and Spanish-speaking countries and are drawn from the four themes (listed below). The listening section is made up of spoken passages covering different registers and types and different accents including authentic communication involving one or more male and female speakers.

Sources will include material from online media. The reading section is made up of texts containing both factual and abstract content and is authentic or adapted from authentic sources. The texts include contemporary, historical, literary, fiction and non-fiction, written for different purposes and audiences.

For **Paper Two**, students will study a Spanish-language film (Volver) and literary text (Casa de Bernarda Alba), together with authentic source materials from Spain and the wider Spanish-speaking world. They will develop a detailed understanding and appreciation of the works studied, by writing critical and analytical responses in Spanish.

Students will produce responses that relate to features such as the form and the technique of presentation, key concepts and issues and the social context, as appropriate to the work studied. They will present viewpoints, develop arguments and will also learn how to persuade; and analyse and evaluate the work they study. Paper Two will also be aimed at the students learning to manipulate language accurately through translating an unseen passage from English into Spanish.

In **Paper Three** students will learn to demonstrate knowledge and understanding of the cultural context by giving ideas, examples and information on one of the themes listed below and on a chosen subject of interest they have researched linked to the social and cultural context of the language studied. They will develop the ability to analyse aspects of the cultural context by presenting and justifying valid arguments, viewpoints and conclusions. The aim of this paper is to provide the students with the ability to interact and hold a natural and fluent discourse.

<u>Themes</u>

Four themes run through the three examination papers providing clear links to some of the most fundamental and interesting aspects of the culture of Spanish-speaking countries and communities. The themes address a range of social issues and trends, as well as aspects of the political and artistic culture of Spain and Spanish-speaking countries.

Theme 1 (la evolución de la sociedad española) focuses on how Spanish society has evolved over recent decades.

Theme 2 (la cultura política y artística en el mundo de habla española) allows students to broaden their knowledge of politics and the arts in Spanish-speaking countries and communities.

Theme 3 (la inmigración y la sociedad multicultural española) deals with immigration and multiculturism in Spain.

Theme 4 (la dictadura franquista y la transición a la democracia) provides students with an insight into Spain's history in the last hundred years.

What are the opportunities after A Level?

In recent years, Higher Education institutions and employers have consistently flagged the need for students to develop a range of transferable skills to enable them to respond with confidence to the demands of undergraduate study and the world of work. Transferable skills enable young people to face the demands of further and higher education, as well as the demands of the workplace.

Spanish A level will help students develop their cognitive, interpersonal and intrapersonal skills. Their Spanish studies will also allow them to become more adaptable and to be more confident in the area of self-management and self-development - the ability to work in teams or to work autonomously.

As the world's second most spoken mother tongue, Spanish can be helpful if you want to pursue a career in areas such as International Trade and Commerce, Business, Technology, Economics, Engineering, Teaching, and Travel and Tourism. Increasingly, Spanish can form part of a combined degree with many subjects including Business Studies, Economics or Law. Knowledge of Spanish is increasingly essential in the modern, ever-shrinking world in which we find ourselves.



Sport BTEC Level 3

Exam Board: EDEXCEL Head of Subject: Mrs S Duffy

What will I study?

The BTEC National Extended Certificate in Sport provides you with an understanding of the essential skills needed when looking to build a career in the sports sector. The two-year qualification will give you an insight into the various different occupational routes you can take within the sector and help you to progress in existing employment or move on to further study. The course consists of four modules, three of which are compulsory units which you will study across the two years. 4 GCSEs minimum grade 4 or a Merit in Level 2 BTEC Diploma in PE. A grade 4 GCSE English Language or GCSE English Literature and Mathematics is recommended.

What are the entry requirements?

Unit 1: Anatomy and Physiology in Sport explores how the skeletal, muscular, cardiovascular and respiratory systems function and the fundamentals of the energy systems.

Unit 2: Fitness Training and Programming for Health, Sport and Well-being explores client screening and lifestyle assessment, fitness training methods and fitness programming to support improvements in a client's health and well-being.

Unit 3: Professional Development in the Sport Industry explores the knowledge and the skills required for different career pathways in the sports industry.

Unit 5: Application of Fitness Testing to gain an understanding of the requirements of fitness testing and learn how to safely conduct a range of fitness tests for different components of fitness.

This course has two units which are externally moderated, one exam worth 33% and one controlled assessment also worth 33% of the overall grade. The remaining two units are assessed internally through coursework and require independent learning and research with an ability to construct efficient essay style answers. Organisational skills and the ability to meet deadlines are essential.

Year 12		Year 13	
Unit 1 (120)	Study September to May. Exam in May	Unit 3 (120)	Complete Coursework - September to May
Unit 2 (120)	Study September to May. Exam in May	Unit 5 (120)	Complete Coursework - September to May

What are the opportunities after Level 3?

The BTEC Level 3 National Extended Certificate in Sport is the equivalent to one A Level and aims to provide a coherent introduction to study of the sport sector at this level. This qualification when studied with other Level 3 qualifications is designed to primarily support progression to employment after further study at university. However, the skills and behaviours developed will also support students choosing to progress directly to employment, for example working as a Sports Development officer, or via an apprenticeship.

