



# OPTIONS BOOKLET 2025

**ASHBY SIXTH FORM - ANYTHING IS POSSIBLE**

# WELCOME

From

## Ashby Sixth Form

Welcome to the next stage of your education.

Our vision is to have a fully inclusive Sixth Form where EVERY student is supported and given the opportunity to achieve their full potential and be the best that they can be.

We feel that Ashby Sixth Form offers wonderful opportunities for the next stage of your education. We have a passion for learning and our students agree that we create a fantastic culture in which this can happen. Many of our students go on to university but others use us as a successful stepping stone to apprenticeships and amazing jobs. We provide a caring pastoral environment and have an incredibly supportive team of teachers who have proven skills teaching students at Post-16.

As one of the top attaining Sixth Form's in the county and offering 29 different level 3 subjects we strive to give students a great experience.

Our Sixth Form welcomes students who have been in our Year 11 as well as students who wish to join us from other schools.

We have an impressive enrichment package, a high quality personal development programme and a wide range of extra-curricular activities. Combined with a supportive environment and a range of examination courses with something to suit everyone, we set young people on the road to success in their future careers.

If you have any queries please contact the Sixth Form office  
[sixthform@ashbyschool.org.uk](mailto:sixthform@ashbyschool.org.uk)



Mrs Vikki Rundle-Brown  
Head of School (Post 16)



# MEET THE SIXTH FORM TEAM



Vikki Rundle-Brown  
Head of School (Post 16)



Margo Parkes  
Deputy Head of Sixth Form



Aiden Chamberlain  
Raising Standards Leader (Post 16)



Alan Tsang  
Year Team Leader



Alice Clapton  
Year Team Leader



Liz Carney  
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# ENTRY REQUIREMENTS

Nationally, A levels are now linear and most students will take all their exams at the end of Year 13. Most students study 3 subjects in Year 12 but in some cases this will be 4 subjects, particularly if choosing Further Mathematics (this is a double option including A Level Mathematics). As the year progresses, if it becomes clear that students will only be with us for Year 12 they will have the option to take examinations at the end of that year.

Advanced Level courses are demanding: Experience shows that students with fewer than 5 GCSE Grades 9-4 (including English Language OR English Literature AND Mathematics) are unlikely to succeed in our Sixth Form.

The admission criteria for Ashby Sixth Form is as follows:

1. A minimum of 5 GCSEs (or equivalent) Grade 4 or above, including at least a Grade 4 at GCSE Level in English Language (\*) OR English Literature AND Mathematics. If there are special circumstances why this will not happen please talk to the Head of School. **(\*If students do not achieve a Grade 4 in English Language then they will be required to re-sit this and attend additional English lessons until this happens.)**
2. Individual subject requirements as outlined on the course information sheets must be met.
3. Students selecting more than one from the following list: Maths (including Further Maths which is a double option subject), Biology, Chemistry and Physics should consider the following guidance as well as individual subject requirements:
  - a. **One of the above subjects** – Individual subject requirements
  - b. **Two of the above subjects** – An average GCSE points score of 4.9 points or higher
  - c. **Three or more of the above subjects** – An average GCSE points score of 6 points or higher

More information regarding Average Points Scores can be found on page 2

4. A satisfactory interview and references.
5. Attendance of at least 95%.

THERE MAY BE SOME EXCEPTIONS TO THESE ENTRY REQUIREMENTS IN CERTAIN CIRCUMSTANCES THAT WILL BE DISCUSSED WITH YOU BY THE HEAD OF SCHOOL

# AVERAGE POINTS SCORE AT GCSE (APS)



Average points score is calculated as follows:

GCSE grades expressed as numbers:

9 = 9 points  
8 = 8 points  
7 = 7 points  
6 = 6 points  
5 = 5 points  
4 = 4 points  
3 = 3 points  
2 = 2 points  
1 = 1 point

## Worked Example

Subject	Grade achieved	Points
Mathematics	6	6
English Lang	5	5
English Lit	4	4
French	7	7
Product Design	3	3
History	3	3
Science	5	5
Science	5	5
Total	-	38
Average points score	$38 \div 8 =$	4.75 points

In this example the student would be advised to only select one subject from the list detailed on the previous page.

# SELECTING ADVANCED LEVEL SUBJECTS

One of the best ways of choosing the right course is to seek advice from a number of sources, such as your family and the staff in school (particularly those who teach you). They will be able to give you help based on knowledge of your strengths and weaknesses.

## **How do you choose?**

Sixth Form courses are more specialised and you need to make your choice on the basis of interest, ability and future aspirations.

Before making your choice of Sixth Form subjects you should consider the following points very carefully:

### **a. Choose subjects that you enjoy**

Interest in the subjects is of prime importance. You will need to devote many hours of study to each of your subjects. Unless you are interested, you will find it hard to maintain the motivation necessary to achieve your best possible grades. The grades you achieve will have a direct effect on your future plans and decisions.

### **b. Choose subjects in which you can succeed**

You should have the ability to carry on studying your subjects to a high level. Therefore it is sensible to choose subjects in which you have already succeeded and are confident. When choosing new subjects look carefully at their requirements; do they match your strengths?

### **c. Choose subjects that are relevant to future plans**

If you have a clear idea of your future aspirations at Post 18, choose subjects which are required by Higher Education Institutions or employers in order to fulfil those intentions. Investigate the various options and choose relevant and useful combinations of subjects. Make use of the Careers section in the Library. Consider having a careers interview.

### **d. Choose subjects which suit your style of working**

Think whether you prefer more or less coursework, examinations etc. Look carefully at the skills, study patterns and styles of work required by each subject.

### **e. Choose subjects which are compatible with each other**

Ensure your subjects fit well together and appear a sensible grouping for your future career or education.

More information regarding combination of subjects can be found on Pages 40 & 41.



# INDEPENDENT STUDIES

The workload in our Sixth Form is challenging and substantial and requires self-discipline, resilience, independence and organisation. At Ashby Sixth Form all students select **3** subjects and in some exceptional cases 4 subjects - Particularly those choosing Further Mathematics (this is a double option including A Level Mathematics).

A few students may also choose to undertake the Extended Project Qualification and/or Core Maths.

In Year 13 students are expected to continue with at least 3 subjects.

All subjects will have **10 hours of teaching** a fortnight. In addition to this, Year 12 students will have **3 lessons** a fortnight of compulsory study, which is supervised and will be timetabled in the Sixth Form Area. This increases to **6 lessons** a fortnight in Year 13.



Since University applications are made very early in Year 13, your attainment in Year 12 is very important and will influence your reference and UCAS prediction. It is essential that you join the Sixth Form prepared to work hard and independently. You **MUST** utilise non-timetabled sessions for personal study and wider reading.

**Please note part time paid work should NOT be undertaken during school hours whilst in our sixth form.**

# SIXTH FORM OPPORTUNITIES

- Senior Team of Head Students and Deputy Head Students
- Student Council President, Deputy President & representatives
- Wellbeing Lead & Team of Wellbeing Prefects
- Senior Prefects
- Form Captains
- Faculty Prefects
- Peer Mentoring Programme
- Community Volunteering Work (In local primary schools, nurseries & care homes)
- Duke of Edinburgh
- National Engineering Competition & National Business Competition
- Skills for Success 2 Day Conference
- Career Ready Program
- Wide range of extra-curricular activities (PE/Music/Drama)
- Field trips in Biology, Geography, Art & Music
- Theatre trips
- Various Trips abroad e.g. Disneyland Paris, Zambia, Costa Rica, Iceland, America, France & Germany
- Ski & Snowboard trips (Europe, America & Canada)
- Quizzes
- Fancy dress days & Non-Uniform Days
- Charity work
- Cake sales
- School concerts
- Medic group meetings
- High achievers support (including students undertaking MOOC qualifications)
- Links with major companies e.g. Ashfield, Rolls Royce, KP, Land Rover, Siemens, Dyson, EON, David Wilson Homes, Pladis
- Regular work placements
- Strong university links & University visits

# SUBJECT REQUIREMENTS

FOR ALL SIXTH FORM COURSES 5 x 9-4 at GCSE or Equivalent – Including Mathematics AND English Language OR English Literature at Grade 4 or above	PLUS MINIMUM EXTRA GCSE REQUIREMENTS...
Applied Science - NEW COURSE	To be confirmed
Art and Design (Art, Craft and Design)	4 in Art (if taken)
Art and Design (Textiles)	4 in either Textiles OR Art
Biology *	EITHER a 6-6 in Trilogy OR 6, 6, 5 in separate sciences (with a 6 in Biology) AND a 5 in Mathematics
Business	4 in Business (if taken)
Business, Level 3	4 in Business GCSE (if taken) or P2 in Level 2 Business (if taken)
Chemistry *	EITHER a 6-6 in Trilogy OR 6, 6, 5 in separate sciences (with a 6 in Chemistry) AND a 5 in Mathematics
Computer Science	4 in Computing (if taken)
Design & Technology (Product Design)	4 in a Design subject
Drama & Theatre Studies	4 in Drama (if taken)
Engineering	4 in a Design subject and a 5 in GCSE Mathematics is desirable
English – Language	5 in English Language & 5 in English Literature
English – Literature	5 in English Language & 5 in English Literature
Film	4 in Film (if taken)
Food Science and Nutrition - Level 3 Diploma	4 in Food (if taken)
French	5 in French
Further Mathematics* (this is a 2 option subject)	8 in Mathematics
Geography	4 in Geography (if taken)
Health & Social Care - NEW COURSE	To be confirmed
History	4 in History (if taken)
Mathematics *	6 in Mathematics
Media Studies	4 in Media (if taken)
Music	4 in Music and/or achieved Grade 5 standard
Philosophy & Ethics	4 in Philosophy & Ethics (if taken)
Photography (Art & Design)	4 in Art is desirable but not essential (if taken)
Physical Education	4 in Physical Education (if taken) and 4 in Science is desirable
Physics *	EITHER a 6-6 in Trilogy OR 6, 6, 6 in separate sciences (with a 6 in Physics) AND a 6 in Mathematics
Psychology	4 in Psychology if taken or if not taken a 5 in English Language
Sport - Cambridge Technical Level 3: Extended Certificate	4 in Physical Education (if taken) or P2 in Level 2 Qualification (if taken)
<b>Additional Enrichment Subjects:</b>	
Core Mathematics	4 in Mathematics
Extended Project Qualification	A GCSE APS of 6 is desirable

Please note that the above information is correct at the time of going to press, but may change due to staffing and budgetary considerations

\* See additional information re APS Scores for entry to these subjects on Pages 1 & 2 of the options booklet



# 2024 LEAVERS DESTINATIONS

DESTINATIONS	%
Higher Education Course (including those taking year out)	65%
Employment or Training	12%
Other Education	3%
Art Foundation Course	1%
Apprenticeship	8%
Gap Year	10%
Forces	1%
<b>TOTAL</b>	<b>100%</b>

# SUBJECT OPTIONS

All students are to select three subjects from the following options



# APPLIED SCIENCE

EXAMINATION BOARD	
ENTRY REQUIREMENTS	
WHAT WILL YOU BE LEARNING?	
ASSESSMENT METHOD	
WHAT OTHER LEARNING COULD YOU DO?	
WHAT CAREER OPTIONS DO YOU HAVE?	



# ART & DESIGN (ART, CRAFT AND DESIGN)

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics AND English Language/Literature at a Grade 4 or above. Students will also require a Grade 4 in Art if taken at GCSE. If no previous Art experience, students will need to show the head of subject a sample of design work and/or artwork they have done recently.
<b>WHAT WILL YOU BE LEARNING?</b>	This course enables students to develop personal visual responses to ideas stemming from a range of stimuli. This is through the medium of Art, Craft & Design. Craft and Design involves a range of two dimensional and three dimensional ways of making. They will learn about communicating to the public visually, by visiting displays of works of art in order to appreciate, understand and create work inspired by artists, designers and craftspeople
<b>ASSESSMENT METHOD</b>	Component 1 NEA (coursework) 60%  Component 2 EXTERNALLY SET TASK (Exam) 40%
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to compliment many other advanced level subjects. This could lead to Higher Education in areas of Art and Design or more general or combined Higher Education courses. Students may choose a career related to Art and Design, of which there are a vast number to choose from in this multi-billion pound creative industry. Art will take time to complete due to the practical nature of the subject; you need to consider what other courses you are taking as students can find it challenging balancing two or more practical subjects. You will need to be organised and focused and use your study periods effectively.  The GCE is a recognised qualification that will encourage students to explore a number of transferable skills of creativity, communication, research, debate, constructive criticism, time management, planning, negotiation and problem solving skills. Students will utilise an understanding and knowledge of skills that many employers across lots of industries are looking for.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	Students who study Art could go on to be artists, architects, designers, fashion designers, set designers, inventors, interior designers, involved in film making and television sets/ props/costumes, links to design in theatre, writers, journalists, reviewers, illustrators, teachers and more, becoming a part of a multibillion pound creative industry both UK wide and abroad.

# ART & DESIGN (TEXTILES)

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. Students should also have EITHER a Grade 4 in Textile Technology or a Grade 4 in Art.
<b>WHAT WILL YOU BE LEARNING?</b>	You will learn how to analyse and evaluate a range of work produced by artists and designers from different cultures. You will develop your skills and confidence when working with new textile techniques (such as felt making, printmaking, embellishment, applique and quilting) You will develop your designing skills through the use of 2D and 3D media in either a fashion or interior design setting.
<b>ASSESSMENT METHOD</b>	Personalised project (Component 1) - Worth 60% Externally set assignment (15 hour practical) - Worth 40%
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Fashion and Textiles provides an ideal starting point for the study of Textiles and related subjects. This could lead to general Higher Education courses such as Foundation Art and Design courses or more specific courses such as Fashion, Textiles Design, Surface Pattern or Costume Design, Fashion and Retail Management, Buying and Merchandising.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	With further training, students may choose a career related to Design and Technology with a wide variety of options available such as interior design, fashion design, stage and costume design, fabric or garment technologist, buyer or merchandiser.

# BIOLOGY

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4. For this course this must include Mathematics at Grade 5 or above and English Language/Literature at grade 4 or above. Students should also have EITHER a minimum of grades 6-6 in GCSE 'Trilogy Combined Science' OR a minimum of 6, 6, 5 in Separate Sciences (with a 6 in Biology).</p> <p>If you do not select Mathematics as one of your other options it is <b>HIGHLY RECOMMENDED</b> to study Core Maths alongside Biology as an additional subject in Year 12.</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>This course focuses on a range of topics including Biological molecules, Exchange within organisms, Genetics and evolution and Energy transfer within and between organisms. Over the two years the core content of the course includes:</p> <ul style="list-style-type: none"> <li>Biological molecules</li> <li>Cells</li> <li>Organisms exchanging substances with their environment</li> <li>Genetic information, variation and relationships between organisms</li> <li>Energy transfer in and between organisms</li> <li>How organisms respond to changes in their internal and external environments</li> <li>Genetics, populations, evolution and ecosystems</li> <li>The control of gene expression</li> </ul>
<b>ASSESSMENT METHOD</b>	<p>Component 1: Paper 1 (topics 1-4, including relevant practical skills) written exam - 35%</p> <p>Component 2: Paper 2 (topics 5-8, including relevant practical skills) written exam - 35%</p> <p>Component 3: Paper 3 (topics 1-8, including relevant practical skills) written exam - 30%</p> <p>Practical endorsement appears on a student's A-level certificate as a separately reported result. Practical endorsement is assessed by teachers and is based on direct observation of a student's competency in a range of skills.</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course with other advanced level courses to prepare for Higher Education.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>The skills developed during this course are much sought-after by employers. Biology students can choose from a variety of career options, such as becoming a doctor, vet, laboratory research technician, teacher or entering another Science-related profession. A Biology A level is highly valued, opening doors into a whole range of careers and degrees.</p>



# BUSINESS

<b>EXAMINATION BOARD</b>	Edexcel
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. There is no need for any prior knowledge of the subject.</p> <p>Students who have studied Business at GCSE are expected to have achieved a Grade 4 or above. The right attitude to the subject is vital along with an interest in current affairs, politics, industry and enthusiasm to know more.</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>A level Business Studies aims to look at the questions arising in business and how decisions are made in business. The new Edexcel syllabus covers 4 themes which are assessed in 3 external exams at the end of the two-year course.</p> <p>Themes</p> <ol style="list-style-type: none"> <li>1) Marketing and people</li> <li>2) Managing business activities</li> <li>3) Business decisions and strategy</li> <li>4) Global Business</li> </ol>
<b>ASSESSMENT METHOD</b>	<p>Paper 1: Marketing, people and global businesses 35% of the qualification</p> <p>Paper 2: Business activities, decisions &amp; strategy 35% of the qualification</p> <p>Paper 3: Investigating business in a competitive environment 30% of the qualification</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other Advanced Level courses. This could lead to Higher Education in areas of business studies, marketing, accounting or more general Higher Education courses.</p> <p>With further training, students may choose a career related to business studies, such as marketing, finance and accounting, human resources or public relations.</p> <p>This is a recognised qualification that would support a trainee management course within a company and helps students to develop the skills, understanding and experience to work towards management level.</p> <p>Students can go on to degree courses with either BA or BSC qualifications.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>This course gives students an opportunity to choose from a wide range of professions including law, finance, the Stock Market, insurance or management.</p>

# LEVEL 3 BUSINESS

<b>EXAMINATION BOARD</b>	TO BE CONFIRMED
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. There is no need for any prior knowledge of the subject.</p> <p>Students who have studied Business at GCSE are expected to have achieved a Grade 4 or above. Students who have studied BTEC Business are expected to have achieved a P2 or above. The right attitude to the subject is vital along with an interest in current affairs, politics, industry and enthusiasm to know more.</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>We are currently exploring a new course for 2025 as the AQA course we currently follow is being defunded. However the vocational qualifications tend to look at the questions arising in business and how decisions are made in business. Units (that are assessed both internally and externally) tend to include:</p> <ul style="list-style-type: none"> <li>• Financial planning and analysis</li> <li>• Business dynamics</li> <li>• Entrepreneurial opportunities</li> <li>• Managing and leading people</li> <li>• Developing a business proposal</li> <li>• Marketing communication</li> </ul>
<b>ASSESSMENT METHOD</b>	To be confirmed but is likely to include external examinations, internally assessed pieces of coursework and externally assessed assignments
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other Advanced Level courses. This could lead to Higher Education in areas of Business studies, marketing, accounting or more general Higher Education courses.</p> <p>With further training, students may choose a career related to Business studies, such as marketing, finance and accounting, human resources or public relations. This is a recognised qualification that would support a trainee management course within a company and helps students to develop the skills, understanding and experience to work towards management level. Students can go on to degree courses with either BA or BSC qualifications.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	This course gives students an opportunity to choose from a wide range of professions including law, finance, the Stock Market, insurance or management.

# CHEMISTRY

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4. For this course this must include Mathematics at Grade 5 or above and English Language/Literature at grade 4 or above. Students should also have EITHER a minimum of grades 6-6 in GCSE 'Trilogy Combined Science' OR a minimum of 6, 6, 5 in Separate Sciences (with a 6 in Chemistry).
<b>WHAT WILL YOU BE LEARNING?</b>	<p>The A Level Chemistry course covers a broad range of topics. The main modules studied are;</p> <ul style="list-style-type: none"> <li>Physical Chemistry. To include atomic structure, amount of substance, bonding, energetics, kinetics and equilibria.</li> <li>Inorganic Chemistry. To include periodicity, Group 2, Group 7, and Transition metals.</li> <li>Organic Chemistry To include many of the common organic groups, organic analysis and optical isomerism.</li> </ul>
<b>ASSESSMENT METHOD</b>	<p>Component 1: Paper 1 physical and inorganic chemistry written exam - 35%</p> <p>Component 2: Paper 2 Organic chemistry written exam - 35%</p> <p>Component 3: Paper 3 All content, practical and synoptic chemistry written exam – 30%</p> <p>Practical endorsement appears on a student's A-level certificate as a separately reported result. Practical endorsement is assessed by teachers and is based on direct observation of a student's competency in a range of skills.</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other Advanced Level courses which could lead onto Higher Education in Science-related subjects or more general Higher Education courses.</p> <p>Chemistry is normally an essential A level for many degree courses including medicine and dentistry.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	Chemistry is usually an essential A level for careers in medicine, pharmacy, dentistry and veterinary science. Other possible careers include chemical engineer, biochemist, forensic scientist, materials technologist, airline pilot, nurse, oceanographer and environmental health officer.

# COMPUTER SCIENCE

<b>EXAMINATION BOARD</b>	OCR
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.</p> <p>Students who have studied Computer Science at GCSE are expected to have achieved a Grade 4 or above. This is a rigorous course that requires the ability to think systematically and logically. Candidates should have a competent mathematical grounding</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>Computer technology continues to advance rapidly and the way that technology is consumed has also been changing at a fast pace over recent years. The growth in the use of mobile and web related technologies has exploded, resulting in new challenges for employers and employees. As a result, most organisations today require a number of technologically aware individuals. Computer Science is a practical subject where students can apply the academic principles learned in the classroom to the real-world systems. It's an intensely creative subject that combines invention and excitement and looks at the natural world through a digital perspective. You will be looking at: the different hardware components that make up a computer system; how computer systems connect to each other and the internet; how the internet works; how computer systems make a difference in current society and you will be developing your own pieces of software using 'Python'.</p>
<b>ASSESSMENT METHOD</b>	<p>Component 1: Examination – computer system 50%</p> <p>Component 2: Computational thinking, algorithm and programming 50%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course with other Advanced Level courses which could lead onto Higher Education or employment.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>This course is ideal for those students that wish to study a Computer Science related degree at University. Additionally, various careers could come out of this course (with further training) including: ICT Technician, Software Engineer, Website Developer and Data Administrator.</p>



# DESIGN & TECHNOLOGY (PRODUCT DESIGN)

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. Students should also have a Grade 4 in a Design and Technology subject.
<b>WHAT WILL YOU BE LEARNING?</b>	<p>This course aims to offer students the opportunity to develop a broad view of Design and Technology, and to develop their capacity to design and make products. They will develop an understanding of the relations between Design, materials, manufacture and marketing between two main areas. This new qualification places greater emphasis on understanding and applying iterative design processes. Students will use their creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants and values.</p> <p>It will develop research, Design communication, computer aided Design, manufacturing, and evaluation skills based around previous experiences in Design and Technology. Throughout the course students will complete coursework (50%) and take an external examination at the end of the course (50%).</p>
<b>ASSESSMENT METHOD</b>	<p>Examination paper 1 – 30%</p> <p>Examination paper 2 – 20%</p> <p>NEA – 50%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	This course will complement all other A level subjects over the two years and could lead to Higher Education in areas of Design, Technology or more general Higher Education courses such as Art and Design foundation studies.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	With further training, students may choose a career related to Design and Technology with a wide variety of options available such as Product Design, Interior Design, Architecture and Transport Design, Graphic Design and CAD Engineers.

# DRAMA AND THEATRE STUDIES

<b>EXAMINATION BOARD</b>	Eduqas
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. Students who have taken Drama at GCSE are expected to have achieved a Grade 4 or above.
<b>WHAT WILL YOU BE LEARNING?</b>	<p>This course places an emphasis on Drama and Theatre Studies as a practical, intellectual and artistic subject.</p> <p>We explore the theatre process and develop our understanding of acting and design through practical workshops. These are focused around the exploration of theatrical play text and developing original devised drama.</p> <p>We consider a variety of theatre practitioners' work and often work physically within an ensemble. The ability to provide written evidence and produce analytical essays is essential.</p> <p>Performance within Live productions is an essential part of the course and there are opportunities to develop your skills both on and off stage. Students can achieve marks through design or technical theatre.</p> <p>There is an expectation to fully participate in the rehearsal process.</p>
<b>ASSESSMENT METHOD</b>	<p>Component 1 – NEA practical – 20%</p> <p>Component 2 – NEA practical – 40%</p> <p>Component 3 – Written exam – 40%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement any other Advanced Level courses, in particular ones that may be related to the performing arts.</p> <p>With further training, students may choose a career related to the performing arts such as working in the theatre, film or television industries. Students may also consider joining a theatre group to increase their drama and theatre experience.</p> <p>The course provides students with invaluable skills, understanding and knowledge that many employers from lots of industries are looking for.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	Students who have followed the Drama and Theatre Studies course go on to study Acting, Journalism, Film and Television Production, Set/Costume/Props/Make Up/Visual Effects Design, working within the Gaming Industry, Advertising and Marketing, Event Promotion, Directing, Producing, Camera Operators, Lighting/Sound Technicians, Magazine Columnists/Editors, Event Organisers, Short/Feature Film Makers, Teachers, Stage Management, Program Coordinators.

# ENGINEERING

<b>EXAMINATION BOARD</b>	To be confirmed
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, for this course this must include English Language/Literature at a Grade 4 or above and a Grade 5 or above in Mathematics is desirable. Students wishing to study this course at Advanced Level must also have a Grade 4 in a Design &amp; Technology subject.</p> <p>If you do not select Mathematics as one of your other options it is <b>RECOMMENDED</b> to study Core Maths alongside Engineering as an additional subject in Year 12.</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>Learning about Engineering and Design and Technology as a Level 3 qualification strengthens learners' critical thinking and problem solving skills within a creative environment. It enables them to develop and make prototypes/products that solve real-world problems whilst considering their own and others' needs, wants, aspirations and values. This qualification requires learners to identify market needs and opportunities for new products, initiate and develop design solutions, and make and test prototypes/products. Learners will acquire subject knowledge in Engineering and Design and Technology, including how a product can be developed through the stages of prototyping, realisation and commercial manufacture.</p>
<b>ASSESSMENT METHOD</b>	To be confirmed — Will be a combination of examination & NEA
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>This course is ideal for students looking for a career in Engineering. Combined with Mathematics or Physics, it gives students an extensive understanding of the subject. Combined with Design and Technology, it provides an excellent springboard for a range of careers.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>This could lead to all levels of higher education, which equips students with the skills to succeed in professions such as:</p> <ul style="list-style-type: none"> <li>• Aeronautical Engineering</li> <li>• Agricultural Engineering</li> <li>• Mechanical Engineering</li> <li>• Civil Engineering</li> <li>• Architecture</li> <li>• Teaching</li> <li>• Automotive Engineering</li> <li>• Chemical Engineering</li> <li>• Electrical Engineering</li> </ul>

# ENGLISH LANGUAGE

<b>EXAMINATION BOARD</b>	Edexcel
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics. For this course both GCSE English Language and GCSE English Literature must be at a Grade 5 or above.
<b>WHAT WILL YOU BE LEARNING?</b>	The English Language course enables students to develop and apply their understanding of the concepts and methods appropriate for the analysis and study of language. Students explore an exciting and varied range of written, spoken and multimodal data, allowing them to understand how and why we use language in different situations to create different effects. The varied and interesting components encourage students to engage creatively and critically with our language. Students will explore how children acquire language and how language choices can help to create personal identities. Learners will also explore language variation from Early Modern English to the present day. As well as developing their ability to interpret different forms of language, students have the opportunity to demonstrate their creative writing skills in the independent coursework unit.
<b>ASSESSMENT METHOD</b>	<p>Component 1: Language Variation (Exam) 35%</p> <p>Component 2: Child Language (Exam) 20%</p> <p>Component 3: Investigating Language (Exam) 25%</p> <p>Component 4: Crafting Language (C/W) 20%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to complement any other Advanced Level courses in either Arts or Science subjects. Psychology can complement the Child Language module and History can complement the Language Change Over Time module.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>Both English courses are highly valued A levels, opening doors into a whole range of careers such as publishing, journalism, law, teaching and the media.</p> <p><b>A few students may be sure they wish to study English at university and both English courses may be chosen</b></p>

# ENGLISH LITERATURE

<b>EXAMINATION BOARD</b>	OCR
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics. For this course both GCSE English Language and GCSE English Literature must be at a Grade 5 or above.
<b>WHAT WILL YOU BE LEARNING?</b>	The English Literature course aims to encourage learners to develop their interest in literature and expose them to a wide range of genres and texts to allow all students to find their own personal area of enjoyment. Students will engage critically and creatively with a substantial and exciting body of texts which includes plays, poetry and prose by influential writers such as William Shakespeare, George Orwell and Carol Ann Duffy. Students are required to study a minimum of eight texts on this course so a passion for reading is a must! Learners will develop and effectively apply their knowledge of literary analysis and evaluation in writing and explore the contexts of the texts they are reading in order to better understand the intentions of the authors. As well as studying texts for exams, students will have the opportunity to complete an analytical coursework choosing from a variety of texts.
<b>ASSESSMENT METHOD</b>	Component 1: Shakespeare & Drama and poetry pre-1900 (Exam) 40% Component 2: Close reading in chosen topic area & Comparative and contextual study (Exam) 40% Component 3: Critical & Comparative essay (C/W) 20%
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to complement any other Advanced Level courses in either Arts or Science subjects.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	Both English courses are highly valued A levels opening doors into a whole range of careers such as publishing, journalism, the law, teaching, the arts and media in general.  <b>A few students may be sure they wish to study English at university and both English courses may be chosen</b>



# FILM STUDIES

<b>EXAMINATION BOARD</b>	Eduqas
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. Film Studies is very similar to English as a subject, focusing on your ability to analyse and discuss the meaning created by filmic texts. It is also a highly creative subject so having a passion for film and audio visual media will be an asset.
<b>WHAT WILL YOU BE LEARNING?</b>	<p>Students develop their knowledge of how filmmakers use a range of elements to construct their films, often expressing complex ideas and emotions through them. Including ideas of how cinema can be used to express comments of political, historical and social issues. The key elements of film form consist of cinematography, mise-en-scène, editing, sound and performance and they provide an important starting point for learners' study of film at A level. This in turn will help students to appreciate the aesthetic of film, in essence the 'look and feel' of a film. A significant aspect of narrative study is based on how narrative construction aligns spectators with characters and issues and how it positions spectators to adopt particular values, attitudes and points of view conveyed in the film. The way filmmakers select and construct visual elements will then manipulate and position the audience into a specific and focused viewpoint.</p> <p>In making sense of film, learners explore how films create meaning and generate response through all aspects of film form (both its key elements and its structural elements). This includes the possibility that some films give rise to several possible meanings, which in turn generate a wide variety of responses. Some of these different meanings and responses will relate to a film's representation of, for example, gender, ethnicity, age and other aspects of culture and society and to the ideological nature of those representations. These ideas and issues can then be explored further through the creative aspect of the course, where students develop their own short films and evaluate their success at creating a specific response in an audience.</p>
<b>ASSESSMENT METHOD</b>	<p>Component 1- Variety of Films and Film Making 35%</p> <p>Component 2 – Global Film Making Perspectives 35%</p> <p>Component 3- NEA Coursework 30%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students will have the opportunity to film on location, as well as consider other industry roles such as costume, make up, lighting, script writing and directing.</p> <p>Students also have the skills required to take part in the school's performances, create promotional films and work in a multi-media way to explore the possibilities of audio visual and digital art.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	People who study film go on to Film and Television Production, Journalism, Set/Costume/ Props/Make Up/Visual effects design, Directing, Producing, Acting, Camera Operators, Lighting/Sound Technicians, Event Organisers, Short/Feature Film Makers.

# LEVEL 3 DIPLOMA FOOD SCIENCE & NUTRITION

<b>EXAMINATION BOARD</b>	WJEC
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. Students do not need prior knowledge of the subject or to have studied GCSE Food Technology before. However if students have taken GCSE Food Technology they are expected to have achieved a Grade 4 or above.
<b>WHAT WILL YOU BE LEARNING?</b>	The Diploma is ideal for anyone with an interest in food and the application of food science and nutrition. The Food Science and Nutrition Diploma equips learners with a broad understanding of the food industry. With an emphasis on practical, hands-on skills it provides a valuable taster of the wide range of opportunities and job roles that exist within the food industry. Some major topics include: nutrition, food hygiene and safety, food product development and food provenance and choice. The Diploma would be ideal for a learner who is particularly interested in pursuing a career as a food scientist, working in the health industry, or wishing to study a food science related qualification. As well as exploring issues such as the importance of customer service, meal planning, and setting up in business, the Food Science and Nutrition Diploma also covers a range of vital life skills such as healthy eating and food safety.
<b>ASSESSMENT METHOD</b>	Unit 1 - NEA 25% Unit 1 - Examination 25% Unit 2 - Examined NEA 25% Unit 2 - NEA 25%  All units have coursework components but Unit 1 also has a written examination
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Advanced Diploma in Food Hygiene and Safety with Environmental Health, Certificate in Food Hygiene and Safety. Students could combine Food Science and Nutrition with a range of other subjects. It can be taken with: <ul style="list-style-type: none"> <li>• Business Studies, by those interested in a career in the hospitality Industry</li> <li>• English to go into food journalism</li> <li>• History for a career as a food historian</li> <li>• Science to become a dietician, food technologist or enter another health related/ medical profession</li> <li>• An Art or Design related subject to explore a career in food product Design</li> <li>• Any other A levels to become a Food Technology teacher</li> <li>• PE to explore a career in Sport Science and Nutrition</li> </ul>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	Students can go to degree courses either BA or BSC qualifications. This course prepares students for careers in a wide range of professions, such as business, hospitality, teaching, food journalism, food technologist, dietician, food historian, food photographer, or any career that is health related.

# FRENCH

<b>EXAMINATION BOARD</b>	Eduqas
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. For this course, students should also have a Grade 5 or above in GCSE French.
<b>WHAT WILL YOU BE LEARNING?</b>	<p>The course teaches students to communicate in the written and spoken language. There is also a strong emphasis on developing an understanding of the social, cultural and commercial background of France and other French speaking countries.</p> <p>As well as timetabled French lessons, students are also required to spend up to 30 minutes each week with a French language assistant to improve confidence in the oral element of the examination.</p> <p>Lessons are interactive with a strong emphasis on speaking and writing skills. Extended writing tasks are frequently set for homework, relating strongly to work covered in class. Students are also encouraged to read and listen to French independently and travel to France, if possible.</p>
<b>ASSESSMENT METHOD</b>	<p>Component 1 (speaking) NEA - 30%</p> <p>Component 2 (reading, listening and translation) exam - 50%</p> <p>Component 3 (writing - novel and film) - 20%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to complement other A level courses. This could lead onto Higher Education in French, other languages or more general Higher Education courses.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>An A level language may lead to further study at university level as a pure or combined language degree.</p> <p>Many universities offer combined courses such as French with Business/Management, English, other languages, Law, Accountancy, Engineering and Sciences.</p> <p>Living in the European and Global community, languages are highly sought after by employers across a wide spectrum of careers</p> <p>Languages are particularly useful in Business, Teaching, The Travel and Tourism Industry, Marketing, Translation, Law, Civil Service, Exports, Work abroad or Bilingual Secretarial work.</p>

# FURTHER MATHEMATICS

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have 5 GCSE (or equivalent) passes at Grades 9-4. For this course this must include Mathematics at a Grade 8 or above and English Language/Literature at a Grade 4 or above.
<b>WHAT WILL YOU BE LEARNING?</b>	<p>This course is very challenging but enjoyable. Students who study Further Mathematics have to also study Mathematics.</p> <p>The A Level is linear being assessed in three exams at the end of Year 13.</p> <p>Full A Level content includes Proof, Complex numbers, Matrices, Further algebra and functions, Further calculus, Further vectors, Polar coordinates, Hyperbolic functions and Differential equations.</p>
<b>ASSESSMENT METHOD</b>	<p>Paper 1 – Pure 33%</p> <p>Paper 2 – Pure 33%</p> <p>Paper 3 – Applied 33%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to support entry to Higher Education in Mathematics and is now almost universally a requirement at top universities for Mathematic degrees. Related areas such as Engineering, Economics and Science or more general Higher Education courses find it highly desirable. With further training, students may enter a career related to Mathematics covering a wide spectrum of modern jobs in almost every field. This is a recognised qualification that will help students to develop the skills, understanding and knowledge sought by employers across many industries, especially in the science, technology, economic and engineering sectors.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>An A level qualification in Mathematics is highly regarded by prospective employers and universities alike, as being a good indicator of a logical and analytical mind. Mathematics and Further Mathematics are almost essential for students wishing to follow a Mathematical degree course, but both A levels are valuable for all Science and Engineering courses. Mathematics A levels are applicable for the following career areas: engineering, actuarial work, meteorology, finance, medicine, nursing, sports, the transport industry, computing, including writing games, accountancy, economics, business, banking, air traffic control, retail management, architecture, surveying, cartography, Psychology, teaching and more.</p>

# GEOGRAPHY

<b>EXAMINATION BOARD</b>	OCR
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.</p> <p>For this course, students should also have a Grade 4 in Geography (if taken). Geography students are generally more successful if they are interested in places, fieldwork, sustainability and the interaction of physical and human geographical systems.</p> <p>If you do not select Mathematics as one of your other options it is <b>HIGHLY RECOMMENDED</b> to study Core Maths alongside Geography as an additional subject in Year 12</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>This course builds a solid, geographical foundation through popular, familiar topics while pushing forward the frontiers of A level Geography. It sets the tone for future curriculum development in Geography nationally. Inspiring a love of Geography for lifelong learning. There is a focus on fieldwork as the A Level Geography specification has been designed to strengthen geographical and fieldwork skills gained at GCSE and to delve more deeply into content. There will be a 5 day field trip which leads to the preparation of an Independent Investigation that accounts for 20% of the course. The specification incorporates relevant and contemporary issues that have been included following consultations with teachers, subject associations such as the Geographical Association, Higher Education, employers and consultants.</p> <p>The Human Geography issues that are considered include an understanding of the development of places, linked through globalisation, how diseases are managed, with physical geography examining coastal landscapes, hazardous earth and life support systems.</p> <p>This course has been designed to allow Geographers the flexibility to build programmes that suit their own particular interests and needs. Fieldwork and research skills are a key feature of the A level. This offers flexibility with varying and diverse fieldwork resources and approaches.</p>
<b>ASSESSMENT METHOD</b>	<p>Physical Systems 22%</p> <p>Human Interactions 22%</p> <p>Geographical Debates 36%</p> <p>Independent Investigation NEA 20%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Additional learning can be undertaken by keeping yourself updated with local and global events, reading geographical articles and joining the Geographical Association as examples</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>A Level Geography gives you numerous skills including research techniques, statistical and analytical abilities and essay writing to name three. This leads to a variety of career paths including, but not exclusively Cartographer, Commercial/residential surveyor, Environmental consultant, Geographical information systems officer and planning and development.</p>



# HEALTH & SOCIAL CARE

EXAMINATION BOARD	
ENTRY REQUIREMENTS	
WHAT WILL YOU BE LEARNING?	
ASSESSMENT METHOD	
WHAT OTHER LEARNING COULD YOU DO?	
WHAT CAREER OPTIONS DO YOU HAVE?	

# HISTORY

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. Students also require a Grade 4 in History (if taken).
<b>WHAT WILL YOU BE LEARNING?</b>	<p>Students who study A Level History at Ashby School focus on the following periods:            Breadth Study: Unit 1K The making of a Superpower: USA, 1865–1975            A Depth Study: 2B The Wars of the Roses, 1450–1499</p> <p>In Year 13 students will also have the opportunity to complete an NEA (Non-Examined Assessment), which is a piece of coursework analysing change and continuity over a 100 year period. This will be undertaken towards the end of Year 12 and focuses on British social and political history c 1890s-1990s.</p>
<b>ASSESSMENT METHOD</b>	<p>Component 1: Unit 1K The Making of a Superpower: the USA 1865-1970s, Examination 40%</p> <p>Component 2: Unit 2B The Wars of the Roses 1450-1499, Examination 40%</p> <p>Component 3: Non-Examined Assessment (NEA) on British History c1897-1997 20%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other Advanced Level courses. This could lead to a degree in History or related subjects such as Archaeology, American Studies, English, Law, Politics, Sociology or more general degree courses.</p> <p>With further training, History provides an excellent foundation for careers in Archaeology and Conservation, Business, Education, Law, Politics and the Media.</p> <p>As the respected 'Which?' consumer guide commented in 'Which Subject? Which Career?' Historians are regarded as having an education that trains their minds to assemble, organise and present fact and opinion and this is a very useful quality in many walks of life and careers ... History is an excellent preparation for very many jobs and careers.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	A History A Level is a valuable qualification, highly regarded by university admissions tutors and employers. It provides an excellent foundation for careers as diverse as Architecture, Broadcasting, Business, Conservation, Education, Law, Management and the Media.

# MATHEMATICS

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4. For this course this must include Mathematics at a Grade 6 or above and English Language/Literature at a Grade 4 or above.
<b>WHAT WILL YOU BE LEARNING?</b>	This course is challenging and enjoyable. The A Level course is linear and approximately two thirds of content is pure mathematics, one sixth mechanics and one sixth statistics. Pupils will sit three exams at the end of Year 13. Full A level content includes Proof, Algebra and functions, Coordinate Geometry, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, Numerical methods, Vectors, Statistical sampling, Data presentation and interpretation, Probability, Statistical distributions, Statistical hypothesis testing, Quantities and units in mechanics, Kinematics, Forces and Newton's laws and Moments.
<b>ASSESSMENT METHOD</b>	<p>Paper 1 - Pure - 33%</p> <p>Paper 2 - Pure and Mechanics - 33%</p> <p>Paper 3 - Pure and Statistics - 33%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to complement other A level courses which in turn could lead onto Higher Education in Mathematics-related areas such as Engineering, Economics, Physics or more general Higher Education courses
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	A level qualifications in Mathematics are highly regarded by prospective employers and universities alike as being good indicators of a logical and analytical mind. Mathematics is useful for any university course involving Mathematics, Science, Business, Technology or Engineering. It is also useful for Arts and Humanities subjects as it teaches some techniques used in these subjects and indicates a breadth of study. Mathematics is applicable for the following career areas: engineering, actuarial work, meteorology, finance, medicine, nursing, sports, the transport industry, computing, including writing games, accountancy, economics, business, banking, air traffic control, retail management, architecture, surveying, cartography, Psychology, teaching and many more.

# MEDIA

EXAMINATION BOARD	Eduqas
ENTRY REQUIREMENTS	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.</p> <p>Media Studies is very similar to English as a subject, focusing on your ability to analyse and discuss the meaning created by Media texts. It is also a highly creative subject so having a passion for media products such as magazines, gaming, radio, digital media and audio visual media such as television and film will be an asset.</p>
WHAT WILL YOU BE LEARNING?	<p>Media studies will provide students with the tools to engage in critical understanding and analysis of the media. The framework consists of four inter related areas:</p> <ul style="list-style-type: none"> <li>• <b>Media Language:</b> how the media communicates meaning through their forms, codes, conventions and techniques.</li> <li>• <b>Representations:</b> how the media portrays events, issues, individuals and social groups.</li> <li>• <b>Media Industries:</b> how the processes of production, distribution and circulation engaged in by the media affect media forms and platforms.</li> <li>• <b>Audiences:</b> how media forms target, reach and addresses audience. How audiences respond to media forms and how audience members become producers themselves.</li> </ul> <p>Students will learn to understand how products constructed with encoded messages are decoded by the audience. They will discover how media products present versions of reality and reflect a dominant ideology of the creators of the product.</p> <p>Students will produce an individual cross-media production in response to a choice of briefs set by Eduqas, applying their knowledge and understanding of media language, representation, industry and audiences. The forms that learners can work in include television, magazine, film marketing, music marketing and online options. The intended audience and industry context are specified in the brief.</p>
ASSESSMENT METHOD	<p>Component 1 – Media Products, Industry and Audiences 35%</p> <p>Component 2 – Media Forms and Products in Depth 35%</p> <p>Component 3 – NEA Coursework 30%</p>
WHAT OTHER LEARNING COULD YOU DO?	<p>Students will have the opportunity to film on location, as well as specialise in the area of the media they feel most passionate about. Media Studies can lead to careers in journalism, fashion, news reporting, editing, directing, cinematography, web design and other creative media jobs. The possibilities are endless!</p>
WHAT CAREER OPTIONS DO YOU HAVE?	<p>People who study Media go on to, Journalism, Film and Television Production, Radio Production, Set/Costume/Props/Make Up/Visual effects design, working within the Gaming industry, Advertising and Marketing, Event Promotion, Directing, Producing, Acting, Camera Operators, Lighting/Sound Technicians, Magazine Columnists/Editors, Event Organisers, Short/Feature Film Makers.</p>

# MUSIC

<b>EXAMINATION BOARD</b>	Edexcel
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.</p> <p>To study Music at A level, students should have a Grade 4 in GCSE Music and/or have achieved Grade 5 standard in performance and the ability to read music.</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>Students follow several units. These include Performing, Developing Musical Ideas, Listening and Understanding and Analysing Music.</p> <p>Students will be assessed on their practical, interpretative, creative and aural skills, as well as their knowledge and understanding of the subject.</p>
<b>ASSESSMENT METHOD</b>	<p>Component 1 – Performance 30%</p> <p>Component 2 – Composition 30%</p> <p>Component 3 – Listening and Appraising 40%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other Advanced Level courses, which could lead onto Higher Education to study Music related courses or more general Higher Education courses.</p> <p>With further training, students may choose a career related to Music. Alternatively, students may wish to use their music ability for recreational purposes.</p> <p>This is a recognised qualification that will provide students with skills, understanding and knowledge that employers in various industries may be looking for.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>People who study Music go on to performing, Creating Soundtracks for Film and Television, working on sound in Theatres, Radio DJ, Conducting, Composing, Sound Technicians, Producing, Mixing, Events Organisers, Musical Journalist, Teacher, or Instrumental Teacher.</p>



# PHILOSOPHY & ETHICS

<b>EXAMINATION BOARD</b>	OCR
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. Students also require a Grade 4 in GCSE Philosophy & Ethics (if taken).
<b>WHAT WILL YOU BE LEARNING?</b>	<p>This course aims to encourage an interest in, and promote the study of Philosophy and Ethics. In particular, students should:</p> <ul style="list-style-type: none"> <li>• Develop an understanding and appreciation of philosophical and ethical thought and its contribution to individuals, communities and societies</li> <li>• Adopt an enquiring, critical and reflective approach to the study of Philosophy and Ethics</li> <li>• Reflect on and develop their own values, opinions and attitudes in the light of their study.</li> </ul> <p>The course consists of three units:</p> <ol style="list-style-type: none"> <li>1. Philosophy Ancient philosophical influences to modern day perspectives</li> <li>2. Ethics Ethical theories, the application of these theories, ethical language and thought</li> <li>3. Developments in Thought Individual human nature to corporate social action</li> </ol>
<b>ASSESSMENT METHOD</b>	<p>Component 1 (Philosophy of Religion) exam 33.3%</p> <p>Component 2 (Religion and Ethics) exam 33.3%</p> <p>Component 3 (Developments in Christian Thought) exam 33.3%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other A level courses. This could lead to Higher Education to study Philosophy, Psychology, Politics, Law, Medicine, Business, Theology, or other courses that require similar academic skills. Some students opt to go straight into employment.</p> <p>This is a recognised qualification that will help students to develop the skills, understanding and knowledge sought by many employers across a range of industries, especially in sectors where people are the main focus.</p> <p>A qualification in this subject is a valuable qualification widely recognised in Higher and Further Education as well as by professional training bodies.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	A qualification at this level can help students to progress to a wide range of degree courses and careers, in areas such as law, medicine, business, care and social work, journalism, the civil service, the police force and teaching.

# PHOTOGRAPHY (ART & DESIGN)

<b>EXAMINATION BOARD</b>	Eduqas
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. A Grade 4 in Art is desirable but not essential (if taken at GCSE). If no previous creative experience, students will need to show the Head of Subject a sample of their photography work they have done recently.
<b>WHAT WILL YOU BE LEARNING?</b>	This course enables students to develop personal visual responses and technical knowledge using ideas stemming from a range of stimuli. This is through the medium of photography. Photography involves a range of unedited and software manipulated imagery. They will learn about how to effectively take a photograph, the skills required to do so with lighting, staging and camera techniques and how they can experiment and display them in a variety of traditional and modern ways. They would learn about portrait, landscape and still life photography, documentary and photojournalism photography, photo manipulation, fashion photography and still and moving image.
<b>ASSESSMENT METHOD</b>	Component 1 NEA (coursework) 60%  Component 2 EXTERNALLY SET TASK (Exam) 40%
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to complement many other Advanced Level subjects. This could lead to Higher Education in areas of Photography, Art and Design or more general or combined Higher Education courses. Students may choose a career related to Photography, of which there are a vast number. Photography will take time to complete due to the practical nature of the subject; you need to consider what other courses you are taking as students can find it challenging balancing two or more practical subjects. You will need to be organised and focused and use your study periods effectively. The GCE is a recognised qualification that will encourage students to explore a number of transferable skills of creativity, communication, liaising with clients, research, debate, constructive criticism, time management, planning, negotiation and problem solving skills. Students will utilise an understanding and knowledge of skills that many employers across lots of industries are looking for.
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	Students who study Photography could go on to be photojournalists, portrait, wedding, landscape, fashion photographers, involved in film making and television, promotional materials, design companies, independent photographers, underwater photographers, marine photography, photography for books, teaching, computer aided designers and more; becoming a part of the multibillion pound creative industry both UK wide and abroad.

# PHYSICAL EDUCATION

	<p>If you have undertaken GCSE PE at Key Stage 4 you need to achieve at least a Grade 4 to undertake either course. If you have undertaken a Level 2 qualification at Key Stage 4 you need to achieve at least a Level 2 Pass to undertake the Cambridge Technical course. If you have not undertaken either course at Key Stage 4 then you would be allowed onto either course if you are able to demonstrate the specific entry requirements (see detail below).</p>
<b>EXAMINATION BOARD</b>	OCR
<b>ENTRY REQUIREMENTS</b>	<p>When you apply your teachers will be able to guide you as to which PE course you would be more suited to.</p> <p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.</p> <p>To study A Level PE, a Grade 4 or above in GCSE Science is desirable and students must be able to demonstrate regular participation in sporting activities. Students do not have to have taken GCSE PE but, if so, should have achieved a Grade 4.</p> <p>Where students have taken a Level 2 qualification at Key Stage 4 you will normally be expected to opt for the Cambridge Technical course at Key Stage 5.</p>
<b>ASSESSMENT METHOD</b>	<p>Component 01 – Physiological Factors Affecting Performance (Exam) - 30%</p> <p>Component 02 – Psychological Factors Affecting Performance (Exam) - 20%</p> <p>Component 03 – Socio-Cultural Issues In Physical Activity &amp; Sport (Exam) - 20%</p> <p>Component 04 – Performance In Physical Education (oral and practical assessment) 30%</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>This course provides in depth study of many factors surrounding sport and Physical Education. Theoretical modules that will be covered (and total 70% of the final marks) include; Applied Anatomy &amp; Exercise Physiology, Biomechanical Movement, Skill Acquisition, Sport Psychology, Sport &amp; Society and The Role of Technology in Physical Activity &amp; Sport. The practical and coursework element is worth 30 per cent of the final marks. Students will be assessed in one practical activity (either performing or coaching) and they will have to complete an evaluation &amp; analysis of performance for improvement.</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other A level courses such as Biology. The course could lead to Higher Education in areas of Sport Studies, Recreation, Exercise and Science or more general Higher Education courses.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>With further training, students may choose a career related to Physical Education such as becoming a physiotherapist, teacher or exercise and fitness trainer.</p> <p>Some students choose to go straight into employment. This is a recognised qualification that will help students to develop the skills, understanding and knowledge sought by many employers across a range of industries, especially in the sporting and health sectors.</p>

# PHYSICS

<b>EXAMINATION BOARD</b>	AQA	
<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4. For this course this must include Mathematics at Grade 6 or above and English Language/Literature at grade 4 or above. Students should also have EITHER a minimum of grades 6-6 in GCSE 'Trilogy Combined Science' OR a minimum of 6, 6, 5 in Separate Sciences (with a 6 in Physics).	
<b>WHAT WILL YOU BE LEARNING?</b>	<u>Year 1</u> <ul style="list-style-type: none"> <li>• Measurements and their errors</li> <li>• Particles</li> <li>• Electromagnetic radiation and quantum phenomena</li> <li>• Progressive and stationary waves</li> <li>• Refraction, diffraction and interference</li> <li>• Force, energy and momentum</li> <li>• Materials</li> <li>• Current electricity</li> </ul>	<u>Year 2</u> <ul style="list-style-type: none"> <li>• Periodic Motion</li> <li>• Thermal Physics</li> <li>• Fields</li> <li>• Gravitational Fields</li> <li>• Electric Fields</li> <li>• Capacitance</li> <li>• Magnetic Fields</li> <li>• Radioactivity</li> <li>• Turning points in Physics (The discovery of the electron, wave-particle duality and special relativity)</li> </ul>
<b>ASSESSMENT METHOD</b>	Component 1: Paper 1 (topics 1-4, including relevant practical skills) written exam 34% Component 2: Paper 2 (topics 5-8, including relevant practical skills) written exam 34% Component 3: Paper 3 (topics 1-8, including relevant practical skills) written exam 32% Practical endorsement appears on a student's A-level certificate as a separately reported result. Practical endorsement is assessed by teachers and is based on direct observation of a student's competency in a range of skills.	
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	Students can take this course to complement other Advanced Level courses which could lead onto Higher Education in Science-related subjects or more general Higher Education courses. Physics is normally an essential A level for many degree courses. For a Physics degree, virtually all universities require you to have Physics and Mathematics A Level. Many also ask that you have an A level in Further Mathematics or another science – Chemistry usually fits very nicely alongside Physics as it is the other main physical science. For Engineering degrees, Mathematics is essential alongside a Science or Technology A level and Physics would be ideal as it complements the Engineering A level very well in certain topics.	
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	Universities and employers are always impressed by a qualification in Physics; an A-level in it will open up a vast array of opportunities and careers within Science and beyond. These are just some examples of industries and jobs an A-Level in Physics can lead to: Space physics (e.g. cosmologist, planet-hunter, astrophysicist, space engineer), Medicine (e.g. medical physicist, radiographer), Engineering (e.g. structural engineer, architect), Renewables (e.g. solar physicist), Films, TV and video games (the law of Physics are used to make visual effects and video games believable), Science Journalism, Sports Engineering, Business, Banking, Law, Teaching.	

# PSYCHOLOGY

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above. For this course students also require a Grade 4 in Psychology if taken or if not taken a Grade 5 in English Language is required.</p> <p>If you do not select Mathematics as one of your other options it is <b>HIGHLY RECOMMENDED</b> to study Core Maths alongside Psychology as an additional subject in Year 12</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>Psychology is the study of the mind. A Level Psychology introduces students to key areas of the subject. These are Social Influence, Memory, Attachment, Psychopathology, Approaches in Psychology, Biopsychology, Research Methods, Relationships, Schizophrenia, Aggression and Issues and debates in Psychology.</p>
<b>ASSESSMENT METHOD</b>	<p>Paper 1 exam- Introductory topics in psychology 33.3%</p> <p>Paper 2 exam- Psychology in context 33.3%</p> <p>Paper 3 exam- Issues and options in psychology 33.3%</p>
<b>WHAT OTHER LEARNING COULD YOU DO?</b>	<p>Students can take this course to complement other A level courses such as a Science, English or Mathematics. This could lead onto Higher Education to study Psychology or more general higher education courses.</p> <p>With further training, students may choose a career related to Psychology such as becoming a counsellor, nurse or psychologist.</p> <p>Some students choose to go straight into employment.</p> <p>This is a recognised qualification that will help students to develop the skills, understanding and knowledge sought by many employers across a range of industries.</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>Psychology opens up many career and Further Education opportunities. Psychology complements any career that involves people, as well as more specific careers such as those in Clinical Psychology, Forensic Psychology and Educational Psychology.</p>



# SPORT - CAMBRIDGE TECHNICAL LEVEL 3 EXTENDED CERTIFICATE IN SPORT

<b>EXAMINATION BOARD</b>	OCR
<b>ENTRY REQUIREMENTS</b>	<p>When you apply your teachers will be able to guide you as to which PE course you would be more suited to.</p> <p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.</p> <p>Students do not have to have taken PE GCSE or a Level 2 Sport qualification previously but if they have, students must have a Grade 4 or above in GCSE PE or a level 2 Pass in a Level 2 qualification. They must also be able to demonstrate regular participation in sporting activities.</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>The Cambridge Technical Level 3 Extended Certificate offers a specialist qualification that focuses on particular aspects of employment within the appropriate vocational sector. The Cambridge Technical Level 3 Extended Certificate is a qualification, which can extend a learner's programme of study and it gives vocational emphasis. The Cambridge Technical Level 3 Extended Certificate is broadly equivalent to one A Level. Over the two years learners will cover five units three of which are stated below (the other two will be decided once the course is underway):</p> <p>Body Systems and the Effects of Physical Activity Sports Coaching and Leadership Sports Organisation and Development</p>
<b>ASSESSMENT METHOD</b>	<p>Body Systems and the Effects of Physical Activity (Examined unit-Yr12)</p> <p>Sports Coaching and Leadership (Coursework unit-Yr12)</p> <p>Sports Organisation and Development (Examined unit-Yr13)</p>
<b>ASSESSMENT</b>	<p>The assessment approach for the Cambridge Technical Extended Certificate in Sport allows learners to receive feedback on their progress throughout the course as they provide evidence towards meeting the unit assessment and grading criteria. Students will be continually assessed through a variety of methods depending on the module. These include; coursework, a case study and a written exam. Students will be rewarded with either a Pass, Merit, Distinction or Distinction* for each module.</p>

# PACKAGES - NEW FOR 2025

New for 2025 is our 'package' offer. All packages will include a block of work experience, the opportunity to visit local industries/businesses and guest speakers coming in to speak to students. There will also be the opportunity to apply for the Career Ready Programme.

We are planning to offer 3 packages as follows

- A Business Package
- A Design Package
- A Healthcare Package

## BUSINESS PACKAGE

Students would be required to select 3 subjects as follows:

- 1) Business A Level OR Business Level 3
- 2) Maths OR Computer Science
- 3) A third subject from English Literature, Geography, Media Studies or Philosophy & Ethics

## DESIGN PACKAGE

Students would be required to select 3 subjects as follows:

- 1&2) 2 Subjects from Art, Engineering, Photography, Product Design or Textiles
- 3) Plus 1 other subject

## HEALTHCARE PACKAGE

EITHER > Students select Biology, Chemistry and either Mathematics or Physics

OR > Students select any 3 subjects from Applied Science, Biology, Chemistry, English Language, Physical Education or Physics or Psychology



# ENRICHMENT

All students will be asked to select at least one enrichment activity from a list of approximately 18 options (current options listed below are correct at time of going to press, but may change due to staffing and budgetary considerations). Students will take part in a minimum of one hour of enrichment a week. Options include:

- Regular Work Placement
- Community Volunteering Work (Care home / Local Secondary Schools / Primary Schools / Nurseries)
- MOOC (targeted at High Achieving students)
- Faculty Prefecting
- SEND support
- Alternative Provision support
- Well-being support
- Library Prefecting
- Student council
- Lunch & Break time support
- Media support for Sixth Form
- Extra-Curricular PE
- Volunteer reading scheme (with KS3&4 students who have a low reading age)

Also on offer are two courses with qualifications. Courses outlined on the next 2 pages:

- Level 3 Core Maths
- Extended Project Qualification (EPQ)



# CORE MATHEMATICS

<b>ENTRY REQUIREMENTS</b>	For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.
<b>WHAT IS CORE MATHEMATICS?</b>	Core Mathematics is a course for those who want to keep up their valuable maths skills but are not planning to take A Level Mathematics. At the end of the two-year course, you will come out with a level 3 qualification – similar to an AS. The qualification is assessed by two final examinations.
<b>WHY SHOULD I STUDY CORE MATHEMATICS?</b>	<p>Core Maths has been designed to maintain and develop real-life maths skills. What you study is not purely theoretical or abstract; it can be applied on a day-to-day basis in work, study or life and includes a financial maths element. It will also help to support the mathematical content of some other A-level subjects.</p> <p>The skills developed in the study of Mathematics are increasingly important in the workplace and in higher education; studying Core Mathematics will help you keep up these essential skills.</p> <p>HIGHLY RECOMMENDED FOR &gt; Biology, Geography &amp; Psychology RECOMMENDED FOR &gt; Design Subjects</p>
<b>WILL IT BE RECOGNISED BY UNIVERSITIES &amp; EMPLOYERS?</b>	Core Mathematics is a recognised Level 3 qualification equivalent to an AS.



# EXTENDED PROJECT QUALIFICATION

<b>EXAMINATION BOARD</b>	AQA
<b>ENTRY REQUIREMENTS</b>	<p>For all Sixth Form courses, students must have five GCSE (or equivalent) passes at Grades 9-4, which must include Mathematics and English Language/Literature at a Grade 4 or above.</p> <p>To study the Extended Project Qualification in Year 12 it is desirable that students have a GCSE APS points score of at least 6.</p>
<b>WHAT WILL YOU BE LEARNING?</b>	<p>The Level 3 Extended Project gives students more control over their studies.</p> <p>Students can choose to explore a further aspect of a subject they are studying, or a topic linked to a hobby or future career.</p> <p>Students will produce a 5000-word dissertation style report, which is externally assessed (so it is 100% coursework based). Students will also complete a production log, working log, reading log and presentation throughout the year of study.</p> <p>The finished project can be a written report, a performance, a piece of art, a community project, a CD or DVD, or even computer software. Most students opt to write a traditional 5000-word report.</p> <p>Students must show that they can identify, design, plan, and complete their project. They must also demonstrate effective research and use of resources and skills, including new technologies. Students must be able to evaluate outcomes.</p> <p>This is a course suited to students who are looking to study at Oxbridge or any of the Russell Group Universities. It is an academically challenging qualification and is held in very high regard by all of the top institutions.</p> <p>The qualification can be worth up to 28 UCAS points. Candidates who achieve a Grade A or above at EPQ could receive a reduced offer by one grade from some universities</p>
<b>WHAT CAREER OPTIONS DO YOU HAVE?</b>	<p>Students can use the learning experiences gained during the Extended Project to support their aspirations for Higher Education and career development.</p>

# COMBINATION OF SUBJECTS

An 'A' level combination does not have to be all Arts or Sciences. Choosing a mixture of subjects can show flexibility and may avoid over-specialisation. There are a wide variety of combinations available to enable broader study. Generally, students will be expected to continue at least three courses to completion in Y13.

## **MIX AND MATCH**

Don't forget, you may wish to combine Level 3 courses and Advanced GCE subjects. Advanced GCE subjects are more teacher led courses (plus independent study) with a lot of examinations and sometimes some coursework. Level 3 courses are more coursework based. You must be able to organise yourself and your work and meet tight deadlines. There are fewer examination marks. A combination of the two can be ideal training for university, apprenticeships and life!



## **ARTS/HUMANITIES ROUTES**

### **a) Non-Language**

The combination of subjects is often not crucial for a career or course, therefore could be chosen because:

- I. They are a means to an end (obtaining approved subjects)
- II. You enjoyed them pre-16
- III. You want to take 'new' subjects

### **b) Languages**

Courses and careers including languages usually specify the particular language(s) required. Some courses allow the study of a language from scratch.

### **c) Arts/Humanities used as a Science**

Geography 'A' level can be used as an alternative to a Science subject in some geology, agriculture and environmental science courses.

### **d) Arts/Humanities**

Subjects used where Science 'A' levels are normally required. It is possible to get onto science courses with Arts 'A' levels, although the first Year is normally in addition to the main degree and is used to bring candidates up to 'A' level standard in Mathematics and other required science subjects.



# COMBINATION OF SUBJECTS CONTINUED

## ENGINEERING/DESIGN TECHNOLOGY ROUTES

Design and Technology is a very versatile course keeping options very much open. Combined with Mathematics and Physics, it is the ideal combination for an Engineering degree. An alternative is to combine it with other courses and progress into careers such as Architecture, Product Design or Graphic Design.

For example:

<b>ENGINEERING/DESIGN TECHNOLOGY</b>	Some Engineering & Technology courses or apprenticeships will have requirements for previous qualifications in certain subjects such as Computer Science, Engineering, Mathematics, Physics or Product Design
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## SCIENCE ROUTES

- Generally the combination of subjects is very important if it is to be used to get into Scientific or Technical Careers.
- The best combination for keeping open as many options as possible is Biology, Chemistry and either Mathematics or Physics

Some examples where combination is important:

<b>BIOLOGY</b>	At least 2 subjects from Science or Science related subjects—Most usually request Biology as one of these
<b>PHYSICS</b>	Usually Physics and/or Mathematics is required
<b>CHEMISTRY</b>	Most require Chemistry with another Science / Maths related subject
<b>MEDICINE PHARMACY DENTISTRY VETERINARY</b>	Most require Biology, Chemistry and either Mathematics or Physics

Please note:

Students selecting more than one from the following list: Maths (including Further Mathematics), Biology, Chemistry and Physics should consider the guidance as detailed on pages 1 & 2.

# COMBINATION OF SUBJECTS CONTINUED

Admissions tutors and employers look first at a candidate's GCSE results for evidence of breadth and depth of ability. Grade 4s in English and Mathematics are mandatory for most degree courses but some require higher. Students are advised to use the UCAS website for other specific course requirements, especially if they already have particular degree courses or careers in mind. Oxbridge applicants would be expected to have obtained a combination of grades 7, 8 and 9 at GCSE as a minimum.

Some additional resources are given below but obviously students would be strongly advised to thoroughly research course requirements in several ways.

"The Times Good University Guide"

"University Degree Course offers" by Brian Heap

[www.prospects.ac.uk](http://www.prospects.ac.uk)

[www.ucas.com](http://www.ucas.com) - Gives access to all universities individual websites





