



**Chesterfield  
High School**  
*for everyone the best*

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# **SIXTH FORM OPEN EVENING OPTION BOOKLET**



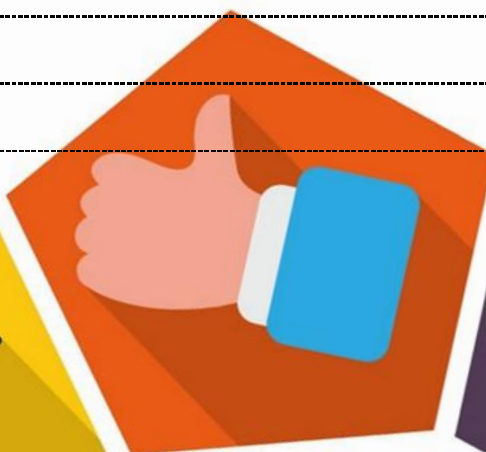
Chesterfield Sixth Form has a track record of success; students have achieved great A Level and Level 3 qualifications which have won them places in the UK's top universities including Oxford, Cambridge, Durham and Bristol. As well as securing high level apprenticeships and fantastic employment opportunities.

So, are you ready to move on up?

# **SEPTEMBER 2021**

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# Accounting

## What is Accounting?

Accounting is one of the backbones of the modern world, and **the** backbone of business. Behind every successful company is a skilled accountant – who understands how to use their knowledge of finance, mathematics, statistics, and economics to grow a business. Accounting is known as the language of business. It is essential for the recording and presentation of business activities in the form of business accounts; financial reporting in the form of financial statements; and the provision of relevant economic information for management decision making and control. Accounting serves this purpose by identifying, classifying, summarising, and presenting financial information in order to facilitate decision making and compliance with the law. It looks at ways in which businesses can maximise profits, manage costs and allocate resources effectively and efficiently.

## Why study Accounting?

Studying Accounting will provide a student with one of the most sought after skills in any business. An understanding of the financial health is of utmost importance to any business and all businesses employ the services of accountants to look after their financial affairs.

As well as providing a firm foundation in accounting, an A-level in accounting will provide you with a range of transferable skills such as; problem solving, resources management, people management and leadership. Although not a prerequisite, an A-level in accounting will also be an ideal foundation for those wishing to study accounting, economics or any other business and finance related courses at university.

## What will I learn?

- An introduction to the role of the accountant in business
- Types of business organisation
- The double entry model
- Verification of accounting records
- Preparation of financial statements of sole traders
- Analysis and evaluation of financial information
- Budgeting
- Marginal Costing
- Standard Costing and Variance Analysis
- Absorption and Activity Based Costing
- Accounting for organisations with incomplete records
- Interpretation, analysis and communication of accounting information
- The impact of ethical considerations



## Expectations

Students will be encouraged to keep up to date with financial news including announcements concerning the performance of leading UK businesses, and be given the opportunity to investigate their published accounts.

## How will I be assessed?

This is a two year course: all components will be examined at the end of Year 13. Two 3 hour written exams across the three assessment objectives

## Entry Requirements

Grade 5 in GCSE Mathematics

## Art & Design

### Why study Art at Level 3?

During your course you will find out about a whole range of different media, techniques and processes, from charcoal to computers - you just cannot have enough ideas when it comes to expressing yourself. The course is big on hands-on experience too. It is the work you produce that counts. Take a look at what past students have created.

Art and design is a broad based course in Art, craft and design, exploring practical and critical/contextual work through a range of 2D and 3D processes and media.

### What will I learn?

Art and Design helps students develop a number of skills:

Develop your creativity and independent thought

Learn to express yourself visually

Let your imagination go wild!

**Learning by doing** is the emphasis in this course.

### What are the entry requirements?

Merit in BTEC Art or a grade 4 in Textiles and a grade 4 in English

### How will I be assessed?

This is a two year course which will be internally assessed and externally moderated by Eduqas part of WJEC exam board.

Two Units    -Unit 1 Coursework    - 60%

Unit 2 Externally set Exam - 40%

### What future opportunities will Art give me?

**Many students go on** to take Art and Design in Higher Education, then aim to join the world of advertising as graphic designers, illustrators, typographers, or become painters, sculptors, textile designers, fashion designers, photographers to name just a few.

## Why study Biology A Level?

Biology is one of the most popular A Level subjects in the country, attracting students studying a wide range of other subjects. Many of these students enjoy the subject so much they eventually choose a biologically related degree course. Others go on to careers in law, computing, accounting or teaching.

## What will I learn?

Subject content of this course includes:

Blood Vessels  
Exchange and transport  
Cells  
Biological molecules  
Ecosystems  
Control Systems  
Genetics and evolution  
Energy for biological cycles



## What are the entry requirements?

Biology GCSE at a grade 6 or Trilogy Science at grade 6 (provided the Biology component is a minimum of 6) GCSE English Language at grade 6 and GCSE Mathematics at grade 6.

## How will I be assessed?

The A-level specification is designed to be taken over two years with all assessments taken at the end of the course.

These are linear qualifications. In order to achieve the award, students must complete all exams in May/June in a single year. All assessments must be taken in the same series. There will be three papers at the end of year 13 and a range of question types will be used, including those that require extended responses.

## What future opportunities will Biology give me?

“Biologists are often problem solvers.” Careers using knowledge of Biology are many and varied. They include agriculture, biotechnology, dentistry, environmental health, forensic science, forestry, chiropody, laboratory work, medicine, pharmacy, teaching and conservation work. The aim throughout the course is to develop skills as well as content.

## Business Studies OCR Technical Extended Certificate in Business 1/2 A-Level Equivalent

### Why study Business at OCR Level 3?

Students are encouraged to investigate and study issues within the business world through a combination of assessed assignments and examinations over the two years. The course provides a suitable foundation for the study of the subject or related courses, in further and higher education.

### Examined Units (50%)

**The Business Environment:** In this unit you will develop an understanding of how and why businesses operate in the way they do. You will look at a range of different types of business and business structures, and explore how the ownership of a business and its objectives are interrelated. You will learn about the importance of different functions within a business and how they work together. You will understand the legal, financial, ethical and resource constraints under which a business must operate. You will explore ways in which businesses respond to changes in their economic, social and technological environment, and the necessity for a business to plan. You will appreciate the influence different stakeholders can have on a business, and you will learn how to assess business performance.

**Working in Business:** This unit will cover the skills and understanding needed to work effectively within a business environment. This includes arranging meetings, working with business documents, making payments, prioritising business activities and communicating with stakeholders. The way that these activities are dealt with will vary according to the specific business protocols in place. Some of these will be specific to a functional area, however, many are common to almost all job roles.

### Additional (2 A-Level equivalent) Technical Diploma Examined Units (50%)

**Business Decisions:** In this unit you will learn to consider the many variables involved and encouraged to analyse possible solutions, investigating each for potential drawbacks and benefits, before you reach your preferred decision. The learning contained within this unit will provide a framework that you will be able to apply in a business setting.

**Change Management:** You will develop your ability to interpret quantitative and qualitative data to establish how effectively change is managed. You will learn that you need to be able to support the implementation of change to ensure that the organisational objectives of change are met. In this unit, you will learn you have to gain the commitment of stakeholders, and that this may involve managing resistance to change, both during and after implementation

### Portfolio Units (50%)

**Marketing and Market Research:** The unit has particular emphasis on the role of market research and how it contributes to marketing decision-making, and the actions a business may take. Market research is the process by which organisations obtain the information they require. You will gain an in-depth understanding of primary and secondary market research methods used to inform marketing decision-making and any constraints on marketing activities. You will develop an understanding of the importance of selecting appropriate market research methods for market research proposals and you will be able to carry out market research, analyse the market research findings and present the findings. This unit focuses on the role of marketing and students will be able to carry out market research and marketing planning. They will understand how and why customer groups are targeted and be able to develop a coherent marketing mix.



**Customers and Communication:** In this unit you will learn the purpose, methods and importance of communication in business and the appropriateness of different forms of communication for different situations. You will develop the skills that will help you create a rapport with customers and have the opportunity to practise and develop your business communication skills. You will also learn about the legal constraints, ethical and security issues that affect how businesses store, share and use information.

**Marketing Campaign:** In this unit, you will learn why selecting appropriate marketing methods is crucial for success. You will learn about the marketing mix and the influence of the media as well as other important elements to consider when promoting a product. By completing this unit, you will understand the importance of digital marketing. You will be able to explore digital marketing methods, including social media and targeted advertising and the role of agencies; for example, advertising and PR agencies.

### Additional (2 A-Level Equivalent) Technical Diploma Examined Units (50%)

**Delivering a Business Project:** As a team, you will collectively take responsibility for project management to ensure the successful planning, implementation, monitoring and control of a project. Team members need to be adaptable, i.e. to be able to work with different people in a range of different ways. Team roles and tasks need to be assigned to the correct individual in order to achieve objectives. You will also create an individual plan that defines your own role in the project administration, delivery and support.

**Principles of Project Management:** In this unit you will learn about the stages of project management, and the type of skills a project manager should have. You will also learn why you need to monitor the progress of projects as it is vital to their successful completion and implementation. You will plan a project, and prepare a project plan. You will learn about the different planning tools available for project planning. Whilst preparing the project plan, you need to be aware of internal and external factors which might have an impact on the planning process, as well as the successful completion and implementation of a project.

**Marketing Strategy:** In this unit, you will learn about how businesses set different marketing objectives. You will appreciate why segmenting the market is a key activity when planning a marketing strategy as well as the different marketing strategies a business can consider and the tools they use.

**Marketing Campaign:** In this unit, you will learn why selecting appropriate marketing methods is crucial for success. You will learn about the marketing mix and the influence of the media as well as other important elements to consider when promoting a product. By completing this unit, you will understand the importance of digital marketing. You will be able to explore digital marketing methods, including social media and targeted advertising and the role of agencies; for example, advertising and PR agencies.

### What are the entry requirements?

Five GCSEs grades 4 (or the equivalent) or above including English Language and Mathematics.

### How will I be assessed?

You will be assessed through 50% external examination and 50% portfolio. Individual units are graded as Pass, Merit or Distinction, and an additional Distinction\* grade is achievable as an overall grade.

The 2 A-level equivalent diploma is graded PP, MP, MM, DM, DD, DD\*, D\*D\*

## Why study Chemistry at A Level?

There is a comprehensive coverage of all major chemistry topics, with an emphasis on developing practical investigation and skills. The A-Level Chemistry course will build upon content first addressed at GCSE level and begin to reveal a more in-depth picture. The Chemistry Department at Chesterfield is staffed by teachers who will guide you through the transition between GCSE and A-level, helping you develop into independent students.

## What will I learn?

Subject content for this course includes:

Atomic Structure

Bonding and Structure

Energetics

Kinetics

Equilibrium

Redox

Inorganic Chemistry

Organic Chemistry

Modern Analytical techniques



## What are the entry requirements?

Chemistry GCSE at a grade 6 or Trilogy Science at grade 6 (provided the Chemistry component is a minimum of 6), GCSE English Language at grade 6 and GCSE Mathematics at grade 6.

## How will I be assessed?

All assessment is via examination. Students will sit internal assessments throughout both years to help prepare for final A-Level exams at the end of Y13. In Year 13 all students will sit three exams which will solely determine their A-level grade. All pupils will have practical work continual assessed throughout the course and will gain practical accreditation at the end of their studies. There is an option to study Chemistry for 1 year and be entered for AS exams at the end of Year 12.

## What future opportunities will Chemistry give me?

Chemistry is an essential course for application to degree courses such as medicine, dentistry and veterinary medicine. It can, however, be equally valuable when applying to university for non-science courses, for example Law, as success in Chemistry reflects a candidate's effort and commitment to hard work. The course continues to develop skills in problem solving, data manipulation and practical analysis.

## Further Information & Expectations

Personal skills necessary for A Level Chemistry are good organisational and time management skills; strong mathematical skills e.g. manipulation of formulae and use of standard form; attention to detail e.g. when completing a practical assessment, you need to be methodical and handle delicate equipment; dedication to completing work outside the classroom to reinforce what is learnt in lessons.



**Core Mathematics** - to be taken in addition to 3 other subjects as it is equivalent to ½ A-Level

### Why study Core Mathematics at Level 3?

#### Advanced level

Level 3 Core Maths is a new qualification designed for students who have achieved a grade 5 or above at GCSE. It helps to develop students' mathematical skills and thinking and supports courses such as A-level Psychology, Sciences and Geography as well as technical and vocational qualifications.

### What will I learn?

The compulsory content consists of Analysis of data, Maths for personal finance, Estimation and Critical analysis of given data and models. The optional content consists of Statistical techniques, Critical path and risk analysis and Graphical techniques.

### What are the entry requirements?

Grade 5 in GCSE Mathematics.

### How will I be assessed?

You will be assessed course in two externally set 1.5 hour examinations at the end of Year 12. It is therefore important that you attend regularly, do not miss lessons and keep up-to-date with all work.

### Further Information & Expectations

A course of study leading to this qualification should enable students to:

- study a mathematics curriculum that is integrated with other areas of their study, work or interest leading to the application of mathematics in these areas
- develop mathematical modelling, evaluating and reasoning skills
- solve problems some of which will not be well defined and may not have a unique solution
- solve substantial and real life problems encountered by adults
- use ICT as an exploratory tool for developing mathematical understanding and when solving problems
- develop skills in the communication, selection, use and interpretation of their mathematics
- enjoy mathematics and develop confidence in using mathematics

### Why study English Language at A Level?

This course aims to encourage students to enjoy English and write creatively for a range of purposes and audiences. Some tasks may include: travel writing; short story writing; writing magazine articles; writing persuasive letters and writing newspaper columns. Students will undertake independent investigations into language use. Some tasks may include: analysing differences in the way that men and women speak; analysing power struggles in conversation and studying accent and dialect. Students will apply concepts and methods which show their deep understanding of the English language.

### What will I learn?

The A level course will widen students' knowledge of aspects of language study and will deepen their knowledge of how language works. They will be increasingly able to apply their awareness of the key constituents to a wide range of texts, spoken or written, from the present or the past, using subject specific terminology. They will become increasingly aware of links between the different aspects of the subject and of the fact that language use cannot be divorced from the context(s) in which it is used.

### What are the entry requirements?

GCSE English Language grade 6 and GCSE English Literature grade 5.

### How will I be assessed?

- This is a two year course: all components will be examined at the end of Year 13
- 80% written examination
- 20% non-examination assessment of 2500-3500 words based on an independent investigation into an aspect of language study

### Further Information & Expectations

- Students are expected to undertake independent reading as background to the course.
- They will need to participate fully in lessons as well as taking detailed notes, which they will need to organize into an easy to reference filing system.
- Students will be expected to lead presentations based on independent reading and work that we have covered in class.
- They will be required to write an average of one essay or piece of original writing per week.

**This is what some of our current students think of the course:**

*'Studying English has allowed me to be creative and have fun, as well as preparing for my exams.'*

*'This is my most enjoyable lesson due to the analysis of a diverse range of texts.'*

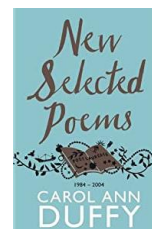
*'English is really good, it has helped me to develop my textual analysis skills'*

## English Literature GCE A Level

### Why study English Literature at A Level?

English Literature encourages students to develop their interest in and enjoyment of literature and literary studies as they:

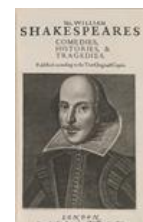
- read widely and independently both set texts and others that they have selected for themselves
- engage creatively with a substantial body of texts and ways of responding to them
- develop and effectively apply their knowledge of literary analysis and evaluation in speech and writing
- explore the contexts of the texts they are reading and others' interpretations of them
- deepen their understanding of the changing traditions of literature in English



### What will I learn?

Study the major literary genres of poetry, prose and drama at an advanced level

- Develop the ability to analyse, evaluate and make corrections
- Gain an overview of the 'literary canon', movements and individual authors
- Contextualise writers and their work
- Explore the lasting impact of literature on society and the individual



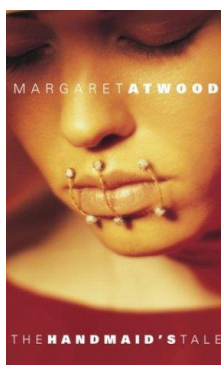
### What are the entry requirements?

GCSE English Language grade 5 and GCSE English Literature grade 6 (plus teacher recommendation).

### How will I be assessed?

- This is a two year course: all components will be examined at the end of Year 13
- 80% examination across three components
- 20% non-examination assessment (2500-3500 words investigation into selected prose texts)

### Further information and Expectations



Lessons will be both teacher and student-led involving group and individual readings of set texts. Students will take detailed notes which they will organize in an easy-to-reference filing system. Students will be expected to offer ideas on the set texts and be capable of analyzing passages either individually or in groups and report back to the rest of the class. To prepare for the examination papers and coursework essays, students will be expected to engage in independent reading of set texts and related critical materials by making use of libraries and avoiding over-reliance on the internet. The students will also be

expected to write regular essays on the set texts – they should expect to write, on average, one essay per week.

## **EPQ - Extended Project Qualification AQA**

### **What is the Extended Project Qualification (EPQ)?**

The Extended Project is a Level 3 qualification first assessed in November 2008. It can contribute to programmes of study in two ways:

- As a stand-alone qualification. Students may choose to take the Extended Project Qualification as an extension from studies for any other qualifications at Level 3 (GCE, BTEC, NVQ, other academic or vocational qualifications including Modern Apprenticeships)
- As part of the AQA Baccalaureate and Technical Baccalaureate. The Extended Project Qualification is a compulsory part of the Level 3 AQA Baccalaureate and technical Baccalaureate.

The Extended Project will develop and extend from one or more of the student's study areas and/or from an area of personal interest or activity outside their main programme of study. It will be based on a topic chosen by the student(s) and agreed as appropriate by the centre.

Delivery of the Extended Project Qualification in centres will involve some teaching of the necessary skills, supervision and assessment of the student's progress. It will involve extended autonomous work by the student. It will require in total 120 guided learning hours.

Students are required, with appropriate supervision, to:

- Choose an area of interest
- Draft a title and aims of the project for formal approval by the centre
- Plan, research and carry out the project
- Deliver a presentation to a non-specialist audience
- Provide evidence of all stages of project development and production for assessment.
- 

### **What are the Learning Outcomes of the EPQ?**

The student will:

- Identify, design, plan and complete an individual project, applying a range of organisational skills and strategies to meet agreed objectives
- Obtain, critically select and use information from a range of sources; analyse data, apply it relevantly and demonstrate understanding of any appropriate linkages, connections and complexities of the topic
- Select and use a range of skills, solve problems, take decisions critically, creatively and flexibly, to achieve planned outcomes
- Evaluate outcomes both in relation to agreed objectives and own learning and performance.  
Select and use a range of communication skills and media to present evidenced outcomes and conclusions in appropriate format.

## **BTEC Forensic Science (One and a half) and Forensic Science and Criminology (Double award)**

### **Why study Forensic Science and Criminology?**

These courses are broad-based vocational qualifications designed to allow students flexible progression routes, moving on to higher education or further training and/or employment. The course has been designed to form qualifications which provide knowledge and understanding of this vocational area. They are ideal qualifications for those students who want a broad background in science, which will allow them to progress to further or higher education, training or employment. The course of study prescribed by this specification can reasonably be undertaken by candidates entering this vocational area for the first time. Progression through will provide a suitable basis for further study in related subjects in Higher Education as well as a valuable preparation for careers in any area of science. The fundamental philosophy of this specification is that, in order to understand the nature of science, students must actively experience the science environment. This can be achieved through a variety of approaches including work experience, links with local employers, case studies and research.

### **What will I learn?**

Our study will have no limits and you will apply your knowledge and skills to a variety of weird and wonderful situations. The specification content for this course includes:

Mandatory Units:

Principles and Applications of Science I\*

Practical Scientific Procedures and Techniques

Science Investigation Skills\*

Forensic Investigation Procedures in Practice

**Applications of Criminology\* (double only)**

**Criminal Investigation Procedures in Practice (double only)**

Optional units:

Physiology of Human Body Systems

Environmental Forensics

Forensic Fire Investigation

Forensic Traffic Collision Investigation

Forensic Photography

Forensic Genetics

Forensic Anthropology and Archaeology

Practical Chemical Analysis

Units marked with an asterisk (\*) will be externally assessed. All other units will be internally assessed through portfolio evidence

### **What are the entry requirements?**

GCSE Science at grade 5-5

GCSE English Language at grade 5

GCSE Mathematics at grade 5

## How will I be assessed?

As stated above the majority of units are coursework based. Students will complete a portfolio of work which will be internally moderated then a sample sent for external moderation. Those units with an asterisk are externally assessed.

## What future opportunities will Forensic Science and Criminology give me?

Forensic Science and Criminology introduces people to concepts and systems which are not available in the study of the individual sciences. You will learn how companies must operate within the confines of strict Health and Safety law whilst also learning a broad spectrum of science topics from all of the major branches of science. These skills make an individual stand out above the crowd when applying for jobs.

Links are formed with local companies / employers which give you the opportunity to see science being used in a real workplace whilst also meeting people who use science as part of their everyday working lives.

## Further information & Expectations

Students are required to take responsibility for their own learning using a variety of methods including the use of online learning and assessment. Anybody considering studying Forensic Science and Criminology must be prepared to spend a significant portion of their own time independently studying the subject in order to achieve their potential.



## Why study Further Mathematics at A Level?

### Advanced level

Further Mathematics is available to mathematically able students. It is an additional A level that is more challenging than Mathematics. It can only be taken in addition to A Level Mathematics. Students opting to take A Level Mathematics may, but do not have to select, Further Mathematics.

Some parts of the Mathematics course are studied in greater depth and new topics are introduced. This subject is particularly beneficial for future Mathematicians, Scientists and Engineers.

## What will I learn?

There are two key areas of Further Mathematics that are taught Chesterfield. We have opted to study Further Pure and Decision mathematics units of study.

## What are the entry requirements?

Grade 8 in GCSE Mathematics.

## How will I be assessed?

You will sit a total of six externally set examinations at different times during the two years. It is, therefore, important that you attend regularly, do not miss lessons for holidays and keep up-to-date with all work. An AS grade can be awarded on the basis of two modules, Core Pure Mathematics and a Further AS module option.

## What future opportunities will Mathematics give me?

If you are considering further study and/or a career that is medical, scientific, in engineering or finance, or which is concerned with computing, architecture or surveying, you are advised to consider Mathematics as a subject at A or AS level. Students should consider Further Mathematics as an option if they are considering further study of Mathematics and/or a career in which having knowledge of higher level mathematical skills would be advantageous. Further Mathematics to at least AS level is increasingly being sought by Russell group universities for students wishing to study science based degrees.

### **Why study Geography at A Level?**

Whatever you are going to do, Geography is a good subject to take at A level. You will develop important skills such as data handling, decision making, problem solving, economic and political literacy, reporting, graphicacy and statistical analysis. You will become more aware of the world, including local and major decisions that have to be taken. You will build on skills you have used at GCSE and these will link well to all other AS, A, BTEC and OCR level subjects. Geography will help you understand what other subjects are doing and is a bridge between the Arts and Science subjects. When applying onto university courses, Geography can be considered as an Arts or a Science subject.

### **What will I learn?**

You will study a combination of Physical and Human Geography. Within the Human Geography element, you will study topics such as changing places, population and global governance. Within Physical Geography, you will study the water and carbon cycle, coastal systems and hazards. You will also cover various geographical skills, such as graphical, cartographic, statistical and ICT skills. You will also take part in 4 days of fieldwork.

### **What are the entry requirements?**

Grade 6 in Geography in addition to grade 5 in Mathematics and 5 in English Language.

### **How will I be assessed?**

You will sit external examinations at the end of the A Level course. In addition to the examinations, you will complete an individual investigation, which must include data collected in the field. This piece of work will be marked internally and should be between 3,000-4,000 words long.

The two written examinations will both have a combination of multiple-choice, short answer, levels of response and extended prose types of questions.

### **What future opportunities will Geography give me?**

You will learn by a mixture of:

Discussion (1 to 1, small group and whole class); Preparing and giving presentations; Teacher giving information; Reading; Handling and interpreting data (photographs, maps, graphs, diagrams).

## **Health and Social Care    Level 3**

### **Why study Health and Social Care at OCR Level 3?**

This qualification provides an ideal foundation for students preparing for employment in the health and social care sector. It will provide learners with the opportunity, through applied learning to develop the core specialist knowledge, skills and understanding required in the health and social care sector. The course also offers opportunities for progression to higher education and is a natural progression from the GCSE in Child Development.

### **What will I learn?**

Students will study a variety of topics such as Developing Effective Communication; Equality, Diversity and Rights and Health, Safety and Security in Health and Social Care.

### **What are the entry requirements?**

Five GCSEs grades 4 (or the equivalent) or above including English Language.

### **How will I be assessed?**

There are three methods of assessment: I) Assignments (Internally assessed); II) Tasks (externally assessed) and III) Written Examinations (externally assessed).

### **What future opportunities will Health and Social Care give me?**

Typical job titles will include social worker, social work assistant, nurse, health care assistant, paramedic, emergency care assistant, personal advisor, youth worker, youth offending officer, child minder, residential care worker, health care manager, health promotion officer and counsellor.

### **Why study History at A Level?**

History is a really exciting and challenging option. The study of History at this level is both rewarding and enjoyable with content to inspire everyone. It is the ideal subject to help you develop your communication skills, critical thinking skills and your ability to select, deploy and utilise information – essential skills for life.

The study of History will help you to produce a logical and reasoned argument and work effectively as a member of a team.

### **What will I learn?**

The study of significant historical developments over a period of around 100 years and associated interpretations.

- **Component 1:** Tsarist and Communist Russia, 1855-1964
- **Component 2:** The Making of Modern Britain, 1951-2007
- **Component 3:** NEA on the Tudors

### **What are the entry requirements?**

GCSE History at grade 6 in addition to GCSE English Language Grade 5.

### **How will I be assessed?**

A-Level students will sit two examinations at the end of the course, in addition to submitting a 3000-4000 word essay.

### **What future opportunities will History give me?**

History is recognised as providing an extremely useful background for a wide variety of popular career choices for example in marketing, journalism, education, retail management, the Civil Service and administrative positions. It is also very helpful for people wanting a career in Law, the Police and the caring services.

### Why study IT at Level 3?

This qualification aims to develop your knowledge, understanding and skills of the essentials of IT and Cyber Security. You will gain an insight into the IT sector as they investigate the pace of technological change, IT infrastructure on a global scale, and the importance of legal and security considerations. Designed in collaboration with industry experts, the qualifications focus on the requirements that today's employers demand.

### What will I learn?

Learners will take five units to achieve this qualification and will follow the **Application Developer** pathway.

There are three mandatory units that are externally assessed. These are:

- Fundamentals of IT
- Global information
- Application Design

The first two mandatory units provide learners with an insight into the IT sector as you investigate the pace of technological change, IT infrastructure, the flow of information on a global scale and important legal and security considerations. The third mandatory unit provides learners with an insight into the designing of apps, allows them to investigate solutions for application developments, generate designs and present the solutions to a client.

Learners must then take two of the four optional units that are centre-assessed.

### What are the entry requirements?

Average points score of 4 or above and ideally a grade 4 in English Language. Students should also have at least a Level 2 pass in their Cambridge National in Creative iMedia.

### How will I be assessed?

Assessment will be a mix of project based coursework and external exams.

The following mandatory units are assessed by external examination and marked externally:

- Fundamentals of IT
- Global information

The remaining three units including **Application design** are internally assessed and then moderated externally.

### Why study Digital Media at Level 3?

This qualification is designed for students who want to study media concept and product development. It will provide them with the opportunity through applied learning to develop the core specialist knowledge, skills and understanding required in the digital media sector.

### What will I learn?

Learners will take between five and seven units, three of which will be mandatory and between two and four optional units depending on the size of the units chosen.

Learners will study the following **mandatory** units:

- Unit 1 - Media products and audiences
- Unit 2 - Pre-production and planning
- Unit 3 - Create a media product

These units will give students an understanding of how different media institutions operate to create products that appeal to specific target audiences. They will gain knowledge and understanding of pre-production, planning and production processes and go on to create a media product. Through this learners will also develop transferable skills such as planning, communication, adaptability and leadership.

The optional units provide learners with the opportunity to broaden their knowledge, understanding and skills in key areas such as, Social media and globalisation, Journalism and the news industry or Advertising media.

### What are the entry requirements?

Average points score of 4 or above and ideally a grade 4 in English Language. Students should also have at least a Level 2 pass in their Cambridge National in Creative iMedia.

### How will I be assessed?

You will be assessed by a mixture of externally assessed examinations and internally assessed coursework units.

The following mandatory units are assessed by external examination and marked externally:

- Media products and audiences
- Pre-production and planning

If 'Unit 6 – Social Media and globalisation' is chosen it is also assessed by external examination.

All other units including the mandatory 'Unit 3 – Create a media product' are internally assessed and then moderated externally.



### **Why study Mathematics at A Level?**

The school uses the EDEXCEL scheme. Though demanding, the course is flexible and well-structured and our Mathematicians have gone on to gain the highest grades possible. To achieve an Advanced Level grade, five modules are completed in total. For students starting the course in Year 12, this will mean being examined on two modules in Year 12 and three in Year 13. The marks from each module are added together and the total determines the grade.

### **What will I learn?**

There are three compulsory modules covering the Pure Mathematics topics - algebra, geometry, trigonometry and calculus, in addition to Statistics and Mechanics.

### **What are the entry requirements?**

Grade 7 in GCSE Mathematics.

### **How will I be assessed?**

For the AS-Level, you will sit two externally set examinations at the end of Year 12. It is therefore important that you attend regularly, do not miss lessons for holidays and keep up-to-date with all work.

### **What future opportunities will Mathematics give me?**

If you are considering further study and/or a career that is medical, scientific, in engineering or finance, or which is concerned with computing, architecture or surveying, you are advised to consider Mathematics as a subject at A2 or AS level. Students should consider Further Mathematics as an option if they are considering further study of Mathematics and/or a career in which having knowledge of higher level mathematical skills would be advantageous.

## Why study Physics at A Level?

The A-level Physics course is an exciting course with no boundaries. Students will learn the fundamental laws that govern the smallest subatomic particle to whole universe in which we inhabit. If you have an enquiring mind, don't mind a bit of mathematics, and want to know how the world works then physics is for you.

Chesterfield's Physics Department is well staffed and resourced with expert teachers all with degree level backgrounds in the subject and many combined years of teaching experience. Our A-Level students are incredibly important to us and we provide a welcoming support network for them. We have a good record of past A-Level results and many of our students have gone on to further their study of the physical sciences at prestigious institutions at university level.

Our department also has an excellent track record of providing our students with many extra-curricular opportunities for our students to engage with helping them develop a life-long love of the subject and to help them to fill up their CV and UCAS applications. We run school wide STEM and Astronomy clubs and in recent years have organized trips to CERN, Stargazing in Kielder Forrest and the hotly contested annual Physics Olympics.

## What will I learn?

Our study will have no limits and you will apply your knowledge and skills to a variety of weird and wonderful situations. The specification content for this course includes:

Mechanics	Waves	Electric, Magnetic and
Material Properties	Quantum, Nuclear & Particle	Gravitational Fields
Electronics	Physics	Turning points

## What are the entry requirements?

Physics GCSE at a grade 6 or Trilogy Science at grade 6 (provided the Physics component is a minimum of 6), GCSE English Language at grade 5 and GCSE Mathematics at grade 6.

## How will I be assessed?

All assessment is via examination. Students will sit internal assessments throughout both years to help prepare for final A-Level exams at the end of Y13. In Year 13, all students will sit three exams which will solely determine their A-level grade. All pupils will have practical work continual assessed throughout the course and will gain practical accreditation at the end of their studies. There is an option to study Physics for 1 year and be entered for AS exams at the end of Year 12.

## What future opportunities will Physics give me?

**Physics can take you anywhere into any career:** It is consistently rated as the most desirable A-Level by employers and university departments due to its rigor and ability to help grow enquiring minds with excellent problem solving skills. However, there are a number of future degrees/occupations to which an advanced study of physics is either a prerequisite or is highly desired. This include different branches of engineering, medicine, accounting, computing, communications and scientific research just to mention a few. There is no doubt that Physics A level provides a great foundation for all careers or future courses - use of practical skills, research skills and logical problem solving are all qualities which are valued in everyday life.

## Why study Politics at A level?

This course aims to encourage students to gain an insight into the political beliefs that are central when attempting to understand the modern world. It is a living and breathing subject that provides students with an understanding of their own rights and prepares them for their adult lives.

Some tasks may include: analysing sources; preparing and delivering presentations; engaging in debates; and writing analytical and evaluative essays. Students will complete their own research using current academic material to develop their understanding of the political climate and will be able to express their ideas verbally and in academic writing. Students will tackle controversial topics in a safe environment and be able to demonstrate evaluative and balanced arguments for some of societies biggest questions.



## What will I learn?

This course will develop students' understanding of how the political system in the United Kingdom operates and will provide the opportunity to compare UK politics to those around the world. They will engage with a wide range of engaging and contemporary issues to support their learning and will develop the ability to critically analyse, interpret and evaluate political information. They will be able to share their own judgements and opinions in a safe space and will be aware of the rights and responsibilities of individual groups in society.

## What are the entry requirements?

GCSE English Language grade 6 and GCSE Maths grade 5

## How will I be assessed?

- This is a two year course: all components will be examined at the end of Year 13
- 3 examination papers will be completed – each worth 33.3% of the module

## Further information & Expectations

- Students are expected to undertake independent reading as background to the course and continue to engage with academic writing to develop their knowledge.
- Students will need to participate fully in lessons as well as taking detailed notes which will be organised appropriately.
- Students will be expected to create and lead presentations based on the work covered in class and independent research – engaging with debate is of paramount importance in this course.
- Students will be required to write an average of one essay or piece of original writing every two weeks.

### **Why study Psychology A Level?**

Psychology is a very broad subject that looks primarily at human mind and behaviour. In one lesson we could be looking at why we forget certain memories and in another we could be looking at mental health issues.

Psychology explores why people act and behave in certain ways, using the scientific method as a basis for evidence. The course provided offers a wide range of topics, laying the perfect foundations for continuing the subject on at University. Psychology does not only develop your knowledge of theories, studies and applications in the Psychology arena, but also develops you as a well-rounded academic. You are required to call upon skills learnt in Maths and English as well as core study skills.

The Psychology course is delivered by staff with experience in a range of real life settings in which psychology has been applied, including Sport Psychology links to the F.A. and former professional England Cricket players. Additionally, links with the University of Central Lancashire and the University of Liverpool's Department of Psychology offers quality opportunities for students to experience the subject at the next academic level.

### **What will I learn?**

#### **Psychopathology**

What is 'abnormal' behaviour? How can we treat some disorders?

#### **Social Influence**

What makes us conform or obey? How we can we explain crowd behaviour? Why do people step in to help others?

#### **Brain and Neuropsychology**

What is the structure of the nervous system? How is the brain structured? How can we scan our brains?

#### **Attachment**

What happens if we can't bond with our parents? What are the chances of finding true love? Why do we love our mothers so much?

### **What are the entry requirements?**

English Language at grade 6, Science 5 (preferably Biology at grade 5) and Mathematics at grade 5.

### **How will I be assessed?**

All assessment is via examination. Students will sit internal assessments throughout the both years to help prepare for final A-Level exams at the end of Y13. In Year 13 all students will sit three exams which will solely determine their A-level grade. There is an option to study Psychology for 1 year and be entered for AS exams at the end of Year 12.

### **What future opportunities will Psychology give me?**

There are no limits to the applications of Psychology. As this is a scientific study of behaviour, any context that deals with people will benefit from have such insight. Careers could range from cognitive behavioural therapy to change management in business.

### **Further Information & Expectations**

This year has seen an increase in requirements and expectations of students' use of mathematics. Throughout any of the examinations, students may be asked to use mathematical skills. It is also essential that students are able to write in a coherent and detailed manner. Examinations in both years will involve long answer essay type questions.

## Why study Spanish at A level?

You will develop your linguistic skills from GCSE by studying a range of topics under the broader themes of *Social Issues and Trends* and *Political and Artistic Culture* which includes sub-themes such as technology, internet, music, equal rights and traditional customs and culture as well as in depth study into Spain and the Spanish speaking world. You will study technological and social change, looking at the multicultural nature of Hispanic society. You will study highlights of Hispanic artistic culture, including a focus on Spanish regional identity and the cultural heritage of past civilisations. You will learn about aspects of the diverse political landscape of the Hispanic world. Furthermore, you will explore the influence of the past on present-day Hispanic communities. Throughout your studies, you will learn the language in the context of Hispanic countries and issues and influences which have shaped them. You will study texts and film and will have the opportunity to carry out independent research on an area of your choice.

## What will I learn?

You will use a variety of strategies and resources throughout the course. You will improve your:

- **LISTENING** skills by responding in English and the target language to what you hear on individual CDs, DVDs, radio and television programmes. You will also have the opportunity to borrow DVDs from the extensive Faculty library. You will also be given the opportunity to study a Spanish film.
- **SPEAKING** skills by participating in class, group and partner work and by attending weekly conversation lessons with a young Foreign Language Assistant.
- **READING** skills by responding to a range of written materials such as the course book, magazines, newspapers, novels and websites.
- **WRITING** skills by learning how to apply advanced grammar to write summaries, translations and essays accurately in the target language.
- **ICT** skills by using interactive resources, researching current information, giving PowerPoint presentations and creating news stories in the target language.

## What are the entry requirements?

Grade 6 in Spanish and grade 5 in English Language.

## How will I be assessed?

### AS Level

Paper 1	Listening, reading and writing	1 hour 45 minutes	45%
Paper 2	Writing	1 hour 30 minutes	20%
Paper 3	Speaking	12-14 minutes	30%

### A Level

Paper 1	Listening, reading and writing	2 ½ hours	50%
Paper 2	Writing	2 hours	20%
Paper 3	Speaking	21-23 minutes	30%

## Further information & Expectations

### Careers

An advanced qualification in a modern language is becoming increasingly important in many areas of work within the European Union and globally. It can lead to a career in teaching, interpreting, translating, journalism and tourism. Languages can also be studied in combination with many other subjects in Years 12 and 13 and at university such as Business Studies, Science, Law and Humanities. Whatever career you decide to follow, the ability to communicate in a modern language will be regarded as a great asset.

**It is expected that students selecting Spanish will combine it with other Level 3 subjects to make 4 A Level equivalents in total. All courses are subject to the number of students opting.**

## Why study Sport at BTEC Level 3?

The subject has a proven track record of producing excellent results. The course allows progression to University or employment. Students studying the course develop lifelong learning skills and an ability to work independently as well as in a team.

## What will I learn?

Students follow all units from the following:



Extended certificate equivalent to 1 A level 67% external examinations	Diploma equivalent to 2 levels 45% external examinations
Anatomy and Physiology (exam)	Anatomy and Physiology (exam)
Fitness Training and Programming for Health, Sport and Well-being (exam)	Fitness Training and Programming for Health, Sport and Well- being(exam)
Professional Development in the Sports Industry	Professional Development in the Sports Industry
Practical Sports Performance	Practical Sports Performance
	Sports Leadership
	Application of Fitness Testing
	Investigating Business in Sport and the Active Leisure Industry (exam)
	Skill Acquisition in Sport
	Sports event organisation.



## What are the entry requirements?

You are required to get an average point score of 4; with a Merit in BTEC or WJEC Sport plus English Language Grade 5



## How will I be assessed?

Part of the course is externally assessed as indicated above. These are written examinations.

Some coursework, which is externally assessed. You need to attend regularly, keep up-to-date with work and meet regular deadlines for the submission of assignments which are assessed for your qualification.

The course involves a lot of independent work. Staff point students in the right direction to be able to write the necessary assignment by independently researching the topics. Students will be asked to compare and contrast and critically evaluate work to achieve the higher grades.

## What future opportunities will Sport give me?

This Sport course provides the underpinning knowledge, understanding and skills for success in current and future employment or for progression to higher level courses such a Degree at University not just in sport but a wide variety of subjects. Whilst some of our students chose to study Sports related courses at University many chose alternatives. In recent years' students have gone on to do, Law, paramedics, midwifery, nursing studies, Drama, Geography. The course also provides the necessary qualifications to join a host of apprentice courses.

## Further information & Expectations

This course has a large theoretical component. Practical ability is not directly assessed, but is done to help students gain an understanding of the theoretical concept.

**No qualification is gained at the end of Year 12 and BTEC Sport cannot be discontinued after one year.**