



## A Level Art and Design: Fine Art and Photography

### Key Features of the Course:

A level Art allows you to develop an exciting and extensive range of creative and technical skills. You will also gain a strong understanding of historic and contemporary visual art practice, through supporting contextual studies. Unique to studying Art at A Level, you build up a very personal and continually evolving body of practical work, guided and supported by your teachers. Individual exploration and development of your personal skills and creative directions is a special aspect of this subject.

A level Art prepares you to produce two major pieces of assessed work. The first is a Personal Investigation, which allows you to devise and put together a personal body of creative coursework, including extensive practical work, a 3,000 word illustrated essay and a fully developed and resolved Final Piece Project. You do this without time limits, during the course

The second practical component is called the externally set Timed Test. On the 1st of February in your final year, the exam board publishes its Timed Test Paper which suggests a theme and possible starting points for you to work on. For the next three months you work extensively on your chosen theme, and you then sit a Timed Test, where you have a total of 15 hours under exam conditions to create and complete a personal, creative Final Piece.

Under the collective title of 'Art & Design', the exam boards offer a variety of Art A level specifications, each with a different emphasis. The one on offer here are Fine Art and Photography. Whichever Art A level you take, the pattern of work and assessment is the same. The exam boards have four Key Assessment Objectives that recognise the range of creative and practical skills students develop and refine throughout the Course.

### Entry Requirements:

Minimum of five GCSEs at grade 5 including Art and Design or Photography and English Language.

### What could this course lead on to?

Successful A level Art students can go on to study on a range of Art & Design foundation and degree courses, nationally and internationally, and train in their area of specialisation such as:

- Graphic design
- Fashion styling
- Art and design
- Printmaking
- Media
- Performing arts
- Photography
- Fine art

### Future Prospects: Careers

Animator, Architect, Arts administrator, Beauty therapist, Cabinet maker, Computer-aided design technician, Costume designer, Fine artist, Florist, Garden designer

### What type of student is this course suitable for?

This course is suitable for those that enjoy the combination of practical, technical, creative, and contextual demands involved in such a practical, coursework-laden subject.



	<b>Title</b>	<b>Style of Assessment</b>
<b>Component 1</b>	Personal Investigation	60% of the overall grade
<b>Component 2</b>	The externally set Timed Test	40% of the overall grade

**Course Details**

**Awarding Body: Edexcel**

**Staff Contacts: Miss S. Mackie ([smackie@quarrydale.notts.sch.uk](mailto:smackie@quarrydale.notts.sch.uk))**



## A Level Biology

### Key Features of the Course:

Biology is the study of living organisms and how these interact with each other and their environments. Biology is really a multidisciplinary subject that is made of many different and interdependent fields. Biology explores how living systems are constructed, as well as how they develop, communicate, interact, reproduce, defend themselves, and shape the biophysical environment around them. Biologists are constantly looking to understand links between different disciplines of biology and in this sense evolution is a unifying concept in biology.

At Advanced Level, the subject is made up of major core components such as cell biology, biochemistry, physiology, microbiology, genetics, ecology and evolution. At degree level these macro-sub disciplinary areas further divide into further interesting topics, such as medical genetics, microbial genetics, molecular genetics and ecological genetics, which are just some branches of genetics. All of this demonstrates that biology really is the science that is undergoing an incredible and exciting revolution in our understanding, one that started in the 20th Century with the elucidation of the structure of DNA, and now continues in the 21st century with the completion of the Human Genome Project, and the emergence of disciplines such as proteomics, genomics and synthetic biology. The subject of biology is never dull or static. For example, there is incredible excitement and anticipation around projects such as the USAs BRAIN Initiative and the EU's Human Brain Project, both of which seek to unravel and brain's neuronal map.

### Entry Requirements:

5 GCSE's at grade 4 or above (including English and Maths) and Separate Science – Biology Grade 6 or above or Combined Science Grade 7-6 or above

### What could this course lead on to?

Students who study biology at A level learn the fundamentals of the cell, biochemistry, ecology, physiology and other key elements of subject so that they can go on to study subjects at degree level such as agriculture, biochemistry, biomedical science, genetics, ecology, medicine, dentistry, neurology, physiology and zoology.

### Future Prospects:

Biology is a key subject for lots of STEM careers, particularly in healthcare, medicine and jobs involving plants or animals. The list is very long and includes: nursing, dentistry, conservation, cancer research, forensic science, psychology, physiotherapy, botany, environmental science, zoology, geology, oceanography, pharmaceuticals, energy, teaching, science writing, genetics and research.

Biology is excellent preparation for non-scientific careers, thanks to the skills it provides – everything from analytical thinking to writing reports.

Rachel Lambert-Forsyth, director of education and training at the Society of Biology, says: "biology opens up exciting career possibilities. From conservation to cancer research, biologists are tackling important 21st century challenges, and we need skilled young people to be part of this."

**What type of student is this course suitable for?**



An enquiring mind and an interest in the natural world and the functioning of living things (including humans) are essential for the study of Biology. A Level Biology suits students that can grasp and follow the sequence of a process and have an ability to problem solve. However these skills are developed through the A Level course. Good literacy and numeracy skills are also very important to achieve success in this course.

	<b>Title</b>	<b>Style of Assessment</b>
<b>Unit 1</b>	Development of practical skills in biology	Assessed as part of all 3 exams
<b>Unit Two</b>	Foundations in biology	Assessed as part of all 3 exams
<b>Unit Three</b>	Exchange and transport	Assessed as part of 2 of the exams
<b>Unit Four</b>	Biodiversity, evolution and disease	Assessed as part of 2 of the exams
<b>Unit Five</b>	Communication, homeostasis and energy	Assessed as part of 2 of the exams
<b>Unit Six</b>	Genetics, evolution and ecosystems	Assessed as part of 2 of the exams

**Course Details**  
OCR A Level Biology A

Head of Science; Mr S Dewhurst

Email: [sdewhurst@quarrydale.notts.sch.uk](mailto:sdewhurst@quarrydale.notts.sch.uk)



## A Level Chemistry

### Key Features of the Course:

Chemistry is everywhere; the world around us is filled with materials that have been discovered, developed and tested by chemists: medicines, foods, fuels, plastics, fertilisers and fabrics.

The course is split into six units. One unit is practical based and there are five theory units covering the three main branches of Chemistry; organic, inorganic and physical. The two units studied in Year 13 build on the knowledge and skills acquired in the previous year.

Chemistry is a practical subject and the development of practical skills is fundamental to understanding the nature of chemistry. The practical endorsement is based on the successful completion of a minimum of 12 activities which focus on key techniques and practical competencies.

The course develops essential knowledge and understanding of different areas of Chemistry and how they relate to each other.

### Entry Requirements:

GCSE Combined Science - grades 7-6  
GCSE Chemistry - grade 6

### What could this course lead on to?

As well as being fundamental in our daily lives, Chemistry is a fundamental subject in Science. In different areas it overlaps with Biology and Medicine, with Physics and Engineering, and with Geology and Earth Science. It is commonplace for chemistry graduates to move into these or any other area of science. As a result, many doors are open to students who study chemistry.

### Future Prospects:

A selection of careers open to Chemistry students include:

- Medicine
- Forensic Science
- Pharmacy
- Scientific journalism

### What type of student is this course suitable for?

A-level Chemistry is a great choice for students considering careers in health and clinical professions. It is an extremely challenging and rewarding course. You will need to have an enquiring mind and have advanced problem solving, research and analytical skills.

	Title	Assessment Overview
Unit 1	Development of practical skills in Chemistry	Paper 1: Periodic table, elements and physical chemistry. (135 mins) 37% assessment weighting. Paper 2: Synthesis and analytical techniques. (135 mins). 37% assessment weighting. Paper 3: Unified chemistry (90 mins). 26% assessment weighting. Practical endorsement: Non-exam assessment of practical skills
Unit 2	Foundations in Chemistry	
Unit 3	Periodic table and energy	
Unit 4	Core organic Chemistry	
Unit 5	Physical Chemistry and Transition Element	
Unit 6	Organic Chemistry and analysis	

### Course Details

Awarding body: OCR Syllabus A

Staff contact: [pholmes@quarrydale.notts.sch.uk](mailto:pholmes@quarrydale.notts.sch.uk)

Website: <https://ocr.org.uk/qualifications/as-and-a-level/chemistry-a-h032-h432-from-2015/>



## A-Level Dance

### Key Features of the Course:

Teaching in Dance is divided into three main areas; Performance, Choreography and Appreciation.

Whilst studying on this course students will be encouraged to develop their creative and intellectual capacity whilst receiving training on technique and the health and safety of the dancer. They will begin to develop critical skills for the analysis of choreography and performance within their own work and in professional repertoire.

Component 1: focusses on the study of the dancer as performer and the process and craft of choreography. Students will study the process of group choreography from investigation to outcome, the physical and interpretative skills of a solo performance in relation to a specific practitioner and performance skills within a quartet.

Component 2: focusses on the study of one chosen area from Ballet, Modern or Jazz dance and the critical analysis and appreciation of professional works from this genre.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including Dance and English.

An alternative audition option where requested.

### What could this course lead on to?

Dance links to a variety of subjects at Higher Education and there are a wide range of options with/without a degree such as; Dancer, Choreographer, Teacher, Dance Artist, Yoga/Pilates Instructor, Dance Therapist, Dance Journalism, Arts Administration and Physiotherapy.

Dance has many transferable skills such as team working, communication and problem solving and will allow you to develop your critical reasoning, analytical and collaborative learning skills along with encouraging a creative approach to working. These skills are vital for progression to Higher Education and employment.

### Future Prospects:

The course will support access to degree courses in Dance and combined Dance with Drama, Biology, Music, Psychology, Teaching, Community Arts etc. Possibly leading to one of the career areas listed above.

### What type of student is this course suitable for?

This course is suitable for anyone interested in the Performing Arts. It requires students to have an enthusiasm for dance, willingness to learn new skills and to be open-minded to different styles of dance. Students need to be able to work as a supportive member of a team as well as work independently. Students need to be committed to developing their knowledge, understanding and skills through attending workshops, theatre visits and rehearsals outside of lesson time. Dance students need to be highly literate as there is a lot of reading and essay writing involved.

Dance complements other subjects such as Biology, Drama, Music, Psychology, and Sport.

	Title	Style of Assessment
<b>Component 1</b>	Performance and Choreography	Practical Exam. External assessment of three dances. 50%
<b>Component 2</b>	Critical Appreciation	Written Exam. 2 hours 30 minutes. 50%

### Course Details

Awarding Body: AQA

Website: <https://www.aqa.org.uk/subjects/dance/as-and-a-level/dance-7237>

Staff Contacts: Mrs Z Merrick ([zmullett-merrick@quarrydale.notts.sch.uk](mailto:zmullett-merrick@quarrydale.notts.sch.uk))



## A Level Design and Technology

### Key Features of the Course:

Design and Technology A level is a broad course which enables students to develop their skills, knowledge and understanding in a range of areas.

A main focus of the course is design skills for the future: Student's will be able to recognise design needs and develop an understanding of how current global issues, including integrating technology, impacts on today's world. In order to do this they will need knowledge of materials, processes, technological developments and social and moral aspects of design.

As part of the course student's will:

- use creativity and imagination
- identify market needs and opportunities for new products
- work collaboratively to develop and refine their ideas
- gain an insight into the creative, engineering and/or manufacturing industries
- develop an in-depth knowledge and understanding of materials, components and processes
- be able to make informed design decisions
- be able to work safely and skilfully to produce high-quality prototypes
- have a critical understanding of the wider influences on design and technology

Year 12

In year 12 students focus on skill building developing design strategies and also practical skills. Improving their knowledge of materials and processes.

Year 13

In year 13 pupils focus on the contextual challenges, this give you the freedom to take design risks and innovate in a situation where it is safe to test and refine ideas. They will design for a client and understand how to meet the needs.

### Entry Requirements:

Level 5 or equivalent in DT or engineering based subject.

Minimum level 5 maths – due to maths content on the course

### What could this course lead on to?

Design students can go on to use their problem solving skills in many walks of life and careers from designers and architects, animators and set designers. Product and automotive design is a big area of design which is a branch of manufacturing in which there are many job roles for designers, including packaging and machinery. There are job roles for designers in almost every industry, robotics, medicine, the food industry. Many designers go on to set up successful business designing and making bespoke items, again this can be wide and varied depending on your area of interest and expertise from clothing to jewellery, furniture and interiors.

Design and technology students develop many transferable skills, the ability to look at the problem within each different context rather than being fixed to areas makes them very employable.

### Future Prospects:

The course will support access to Art and Design foundation courses if you are unsure of potential career routes and also can be influential for those wishing to take up apprenticeships. It is also a great step in to many different areas of study at degree level, there are numerous different types of design degrees from product design, industrial design, design engineering, clothing, furniture to more graphic based routes – the list is vast.

### What type of student is this course suitable for?

This course is suited to problem solvers, people who see a need and can then work independently to work towards a creating a solution for the problem.

Although a design based subject there are elements of maths and science as part of the core elements of the course.

Design technology compliments many other subjects depending on the chosen route beyond sixth form.

	Title	Style of Assessment
Component 1	Principles of Design and Technology	Exam
Component 2	Independent Design and Make Project	NEA

### Course Details

Awarding body: Pearson Edexcel

Website: <https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/design-technology-product-design-2017.html>

Contact: Mrs L Maddison [lmaddison@quarrydale.notts.sch.uk](mailto:lmaddison@quarrydale.notts.sch.uk) Mr S Brooksby [sbrooksby@quarrydale.notts.sch.uk](mailto:sbrooksby@quarrydale.notts.sch.uk)



## A-level English Literature

### Key Features of the Course

This course involves reading a wide variety of texts from a range of genres. Texts will be united by a common theme but will have been produced during different historical eras. Throughout the course critical debate will be encouraged and you will be required to develop your own interpretations of texts informed by literary criticism from a range of perspectives. This will enhance your ability both to read critically and to express your ideas effectively, using literary terminology and a coherent structure. In Year 12 you will follow the unit Love through the Ages, which includes a Shakespearean play, a range of poetry and a modern novel. You will be introduced to all 5 of the assessment objectives and will practice analysing language at the required depth and with reference to social context and critical debate. In Year 13 you will follow the unit World War One and its Aftermath. The texts studied are the Blackadder Goes Forth scripts, an anthology of war poetry and the modern novel A Long Long Way by Sebastian Barry. In this year you will consolidate the skills introduced in Year 12 and focus on constructing an argument in relation to an essay question. You will also consider a range of critical perspectives and use these to develop your own interpretations. You will also complete an independent essay for which you will select two texts that interest you, in consultation with your teacher, and will write a comparative essay based on a theme that both texts have in common.

### Entry Requirements:

Minimum of five GCSEs at Grade 6 including English Language and Literature.

### What could this course lead on to?

Students of English Literature go on to pursue careers in a wide range of fields. Some of the most popular are journalism and other areas of the media, teaching, publishing, law, copywriting, arts administration, HR, marketing and public relations.

English Literature has a range of transferable skills, including critical reasoning, debating skills, constructing an argument and interpreting a variety of sources. These will be valuable for a range of degree courses and potential careers.

### Future Prospects:

English Literature is a facilitating subject, which means universities look favourably on it when selecting students for a wide range of subjects. Any subject that requires students to read at length, including non-literary texts, or to write at length, will consider an A level in English Literature as good preparation. Degrees in English, history, law, and a range of social sciences and humanities subjects, as well as media focused courses, are all popular among students with A levels in English Literature.

### What type of student is this course suitable for?

This course is suitable for anyone who enjoys reading and is happy to do so in their own time; most of the reading for this course will be done independently. A critical and analytical mind is also a requirement as you will need to deconstruct the texts we study and convey your analyses of them in an appropriately academic written style. It is also important to be willing to discuss and debate ideas in small groups.

	Title	Style of Assessment
Unit 1	Love through the Ages	Terminal examination of 3 hours. 40% of the final grade.
Unit Two	World War One and its Aftermath	Terminal examination of 2.5 hours. 40% of the final grade.
Unit Three	Independent critical study: texts across time	Coursework essay of 2500 words. 20% of the final grade.

### Course Details

Awarding Body: AQA

Website: <https://www.aqa.org.uk/>

Staff Contacts: Ms C Lovell; Mrs D Booth; Mrs C Cooper and Mrs R Richards



## A-Level French

### Key Features of the Course:

During this course, you will read and listen to authentic French language materials and will study aspects of the contemporary society, cultural background and heritage of a country where French is spoken. You will have opportunities to develop your understanding and awareness of spiritual, moral, ethical, environmental, health and European issues. You will extend and develop your knowledge of the grammar and vocabulary of French and will use this to speak, write, read and listen to the language. In addition, you will learn how to:

- be an effective communicator
- speak and write French in a range of different situations and for different purposes
- use French to express facts and ideas
- use French to present explanations, opinions and information.
- develop an argument and to analyse and evaluate, in speech and in writing.

General topic areas include:

- Aspects of French-speaking society: current trends
- Political and artistic culture
- Artistic culture in the French-speaking world
- Aspects of political life in the French-speaking world

### Entry Requirements:

Minimum of five GCSEs at Grade 5 and at least a Grade 6 in French.

### What could this course lead on to?

If you're planning on continuing onto higher education after school, then your knowledge of French will give you the opportunity to take a gap year in various French-speaking countries across the world.

With France being one of the UK's largest European trading partners, French can provide you with a number of career opportunities. The British Council sees French to be a big asset to UK companies, and post-Brexit it's likely to continue to grow in importance.

### Future Prospects:

Many employers rate language undergraduates due their diverse skills and attributes. Careers where having good knowledge of a foreign language include:

Teaching, translating, marketing, business, fashion, car manufacturing, travel and tourism, public relations, civil service.

### What type of student is this course suitable for?

It goes without saying that French A-Level is for students who have a love of learning languages and about other cultures. It requires good communication skills; students need to have a good level of literacy as there is a lot of reading and essay writing involved, along with learning about the mechanics of both English and French. Furthermore, this subject requires good memory skills and logic.

Learning a language at A-Level can broaden option choices at post-16 as it requires many different skills and can complement so many other subjects. If you're interested in studying subjects such as Philosophy, Theatre or Literature at university level, having knowledge of the French language can be beneficial, given its historical associations with these subjects. French also complements subjects such as Maths, Science or Business.

It is suitable for those who wish to pursue French at university or those who would like to work for companies with international links and who perhaps would one day like to work abroad.

	Title	Style of Assessment
Unit 1	Paper 1: Listening, reading and writing	Written exam (50% of overall grade) 2hr30
Unit Two	Paper 2: Writing on 1 set text and 1 film	Written exam (20% of overall grade) 2hr
Unit Three	Paper 3: Speaking exam	Speaking exam (30% of overall grade) approx. 20 mins

### Course Details

Awarding body: AQA Website: [www.aqa.org.uk/subjects/languages/as-and-a-level/french-7652](http://www.aqa.org.uk/subjects/languages/as-and-a-level/french-7652)  
Staff link: Mrs C Davison ([cdavison@quarrydale.notts.sch.uk](mailto:cdavison@quarrydale.notts.sch.uk))



## Geography

### Key Features of the Course:

#### **Component 1: Changing Landscapes and Changing Places**

Written examination: 1 hour 45 minutes  
20.5% of qualification

##### **Section A: Changing Landscapes: Coastal Landscapes**

Two compulsory structured, data response questions and one compulsory extended response question.

##### **Section B: Changing Places**

Two compulsory structured, data response questions and one compulsory extended response question.

#### **Component 2: Global Systems and Global Governance**

Written examination: 2 hours  
27.5% of qualification

##### **Section A: Global Systems Water and Carbon Cycles**

Two compulsory structured, data response questions and one compulsory extended response question.

##### **Section B: Global Governance: Change and Challenges**

##### ***Processes and patterns of global migration and global governance of the Earth's oceans.***

Two compulsory structured, data response questions and one compulsory extended response question.

##### **Section C: 21st Century Challenges**

One compulsory extended response question drawing on both **Components 1 and 2** with resource material.

#### **Component 3: Contemporary Themes in Geography**

Written examination: 2 hours 15 minutes  
32% of qualification

##### **Section A: Tectonic Hazards**

One compulsory extended response question

##### **Section B: Contemporary Themes in Geography**

Four optional themes:

- **Ecosystems**
- Economic Growth and Challenge: India or China or Development in an African Context
- Energy Challenges and Dilemmas
- Weather and Climate

Two essay questions chosen from these four optional themes.

#### **Component 4: Independent Investigation**

Non-exam assessment: 3000 to 4000 words  
20% of qualification

One written independent investigation, based on the collection of both field data and secondary information.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including English Language and Geography

### What could this course lead on to?

Geography students are found in many walks of life but usually in a career that centres on working within statistical analysis or planning and management issues from both the human and natural world, such as environmental management, town planning.

A-Level Geography has many transferable skills vital for progression to Higher Education and employment. Emphasis is placed on the independent NEA as a vehicle for students to show a range of data collection and analysis skills in the production of the written report.

### Future Prospects:

The course will support access to degree courses in both Physical and Human Geography.

### Course Details

Awarding Body: Eduqas Website: <https://www.eduqas.co.uk>  
Staff Contacts: Mr G. Wright ([gwright@quarrydale.notts.sch.uk](mailto:gwright@quarrydale.notts.sch.uk))



## A Level Mathematics and Further Maths

### Key Features of the Course:

A Level Mathematics contains elements of pure mathematics (such as algebra, trigonometry, calculus and logarithms). This makes up the majority of the course. In addition to pure maths, the course also looks at elements of mechanics (such as vectors, forces and Newton's Laws) and statistics (such as presenting and analysing data, probability and hypothesis testing).

A Level Further Maths looks into topics in greater depth and is an extra A Level for students with an aptitude for the subject. It covers more pure areas of the subject (such as complex numbers, differential equations and matrices). This makes up the majority of the course. In addition to pure maths, the course also looks at elements of mechanics (such as energy, collisions and circular motion) and the relatively new and exciting area of decision maths (such as networks, critical path analysis, game theory and abstract algebra).

### Entry Requirements:

Entrants would require a **Grade 7** or above in GCSE Mathematics in order to manage the rigour of the course content.

### What could this course lead on to?

A Level Maths (and Further Maths) can lead to degrees or higher level apprenticeships in these areas and more; not to mention mathematical degrees themselves.

Students have often used A Level Mathematics to facilitate further courses in areas such as:

- Physics
- Chemistry
- Biology
- Computer Science
- Business Studies
- Psychology
- Media
- Geography
- Technology
- Sport

### Future Prospects:

Most forms of skilled and professional careers will require you to use Maths in some way. Certain fields rely heavily on Mathematics, such as accountancy, finance and banking, management, IT, the sciences, construction, engineering, manufacturing, research and medical technology.

### What type of student is this course suitable for?

The reason many of these careers place such a high value on mathematics is that students of the subject will be able to further develop their skills in the following areas:

- Problem solving – such as using creative and lateral thinking with an ability to assess available options;
- Organisation – planning, scheduling and prioritising;
- Communication – Using facts and figures to form logical arguments based on data;
- Attention to detail – checking plans and information for flaws;
- Administration – the ability to record suitable data and design and manage processes;
- Financial planning – producing financial reports and plans based on relevant information.

	Title	Style of Assessment
Unit 1	Pure mathematics	Terminal examination (2/3 of exam)
Unit 2	Mechanics	Terminal examination (1/6 of exam)
Unit 3	Statistics (Maths) or Discrete (Further Maths)	Terminal examination (1/6 of exam)

### Course Details

Awarding Body: AQA Website: <https://www.aqa.org.uk/>

Staff Contacts: Mr P Hodson ([phodson@quarrydale.notts.sch.uk](mailto:phodson@quarrydale.notts.sch.uk)), Mr C Slack ([cslack@quarrydale.notts.sch.uk](mailto:cslack@quarrydale.notts.sch.uk))



## A – Level Media Studies

### Key Features of the Course:

In Media Studies we cover a broad range of media products (adverts, film, TV, music, radio, computer games, magazines, news papers and social & participatory media) and take a critical look at media industries.

The theoretical framework that underpins Media Studies consists of the 4 key concepts: Media Language, Representation, Audiences and Industries. Students build an understanding of the concepts and how they inter-relate as well as researching into the social, cultural, historical and political contexts that influence and shape the media we all consume.

In Year 12, you will study for the Component 1 examination, developing key skills of analysis through extended written work and also in group discussions on issues from the legacy of slavery to feminist perspectives of music videos to the Post Modern concept of 'hyper reality'. After the mock examination you will complete the production element of the A-Level for course work.

In Year 13, the focus will be on more in depth analysis of TV crime drama, YouTubers and online magazines. You will learn how to apply and evaluate key media theories and study how the mainstream media differs from independent alternatives.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including English Language.

### What could this course lead on to?

Media Studies students are found in many walks of life. You may choose a creative route and pursue a career in TV, music or film; you may choose to develop your technical skills and go into software development or graphic design; you may take a more literary path and train to be a Journalist.

Media Studies has many transferable skills and will allow you to develop your critical reasoning, debating, analytical, creative and collaborative learning skills; all vital for progression to Higher Education and employment.

### Future Prospects:

The Creative Industries are booming right now in the UK; currently on track to create 1 million new jobs by 2030.

The course will support access to degree courses in: Media Studies, Teaching, Journalism, TV & Film Production, Film Practices, Cultural Studies, Animation, Digital Art, and many more. Possibly leading to one of the career areas listed above.

### What type of student is this course suitable for?

This course is suitable for anyone interested in understanding the media and how it influences our lives. It requires an inquiring and critical mind and an interest in current affairs, as being able to apply your knowledge to the real world is a crucial skill. Media Studies students need to be highly literate as there is a lot of reading and essay writing involved.

Media Studies complements other subjects such as Sociology, English, Music, Photography, Politics.

	Title	Style of Assessment
<b>Component 1</b>	Media Products, Industries and Audiences	135 minute examination (35% weighting)
<b>Component 2</b>	Media Forms and Products in Depth	150 minute examination (35% weighting)
<b>Component 3</b>	Cross Media Production	Internally Assessed (30% weighting)

### Course Details

Awarding Body: EDUQAS Website: <https://www.eduqas.co.uk/qualifications/media-studies/as-a-level/>  
Staff Contacts: Miss Toon (rtoon@quarrydale.notts.sch.uk)



## A Level Physics

### Key Features of the Course:

Physics A Level is one of the most universally accepted qualifications for progression to university. The course content covers the basis of how things work, from the constituent parts of atoms out to the extent of the universe. You will integrate the concepts studied with a range of practical experiments throughout each topic giving the course both an academic and practical focus. You will learn to apply your knowledge of the key concepts to solve problems in a range of different contexts and applications.

#### What's included?

Development of practical skills in physics • Physical quantities and units • Making measurements and analysing data • Nature of quantities • Motion • Forces in action • Work, energy and power • Materials • Momentum • Charge and current • Energy, power and resistance • Electrical circuits • Waves • Quantum physics • Thermal physics • Circular motion • Oscillations • Gravitational fields • Astrophysics and cosmology • Capacitors • Electric fields • Electromagnetism • Nuclear and particle physics • Medical imaging.

### Entry Requirements:

Minimum of five GCSEs Grades 9 – 5  
Including Combined science minimum grade 76 or if doing Physics a minimum grade 6.  
Also need grade 6 in Maths

### What could this course lead on to?

STEM degrees, varieties of Physics, Maths and Engineering

Advanced apprenticeships in industry, at present aerospace, nuclear power generation and electrical power distribution

### Future Prospects:

Physicists work in Research and Development, Engineering, and Information Technology. Some physicists work on problems at the frontiers of knowledge; others tackle the challenging problems which arise in the application of physics to industrial and engineering problems. Physicists also work in medicine, astronomy, meteorology and teaching.

### What type of student is this course suitable for?

This course is suitable for students interested in getting a qualification that leads to lots of different options at university, from Theoretical Physics to Applied Physics, Engineering and Mathematics, Anyone Interested in STEM careers and just curious about how things work. The course is suitable for those interested in problem solving and Interested in doing a wide variety of practical experiments to test hypotheses.

Title	Style of Assessment
Modelling physics (01) 100 marks	2 hours 15 minutes written paper
Exploring physics (02) 100 marks	2 hours 15 minutes written paper
Unified physics (03) 70 marks	1 hour 30 minutes written paper

### Course Details

Awarding Body: OCR Website: <https://www.ocr.co.uk/>

Staff Contacts: Mr M West ( [mwest@quarrydale.notts.sch.uk](mailto:mwest@quarrydale.notts.sch.uk) ) Mr P Scott ( [pscott@quarrydale.notts.sch.uk](mailto:pscott@quarrydale.notts.sch.uk) )



## A-Level Psychology

### Key Features of the Course:

Psychology is the scientific study of the mind and how this dictates our behaviour from communication and memory to thought and emotion.

Psychology is a social science that studies behaviour through various methodologies such as experiments, observation, self – reports, case studies and correlational studies. As part of unit 1, students will need to be familiar with how to use these methodologies and be able to evaluate why one would be used over another. Students will need to have a firm grasp of basic numeracy from a statistical analysis perspective and be able to conduct inferential statistical testing from given data.

Paper 2 cover a range of popular psychological topics from various psychological approaches including: Social, Cognitive, Developmental, Biological, Individual Differences, Psychodynamic and Behaviourism with topics ranging from helping behaviours to measuring disorders including twenty core pieces of research.

Paper 3 students will cover a broad curriculum based upon three topics of Mental Health, Forensic Psychology and Child Psychology again with various approaches an approximately 20 pieces of evidence. Throughout students will need to be familiar discussing behaviour through various psychological debates covered within the course.

Finally, students will need to be comfortable conducting their own psychological research from a key brief set by their psychology teacher to enable a better understanding of research methodologies.

### Entry Requirements:

Minimum of five GCSEs at Grade 6 including English Language and Maths and or/ GCSE Psychology Grade 5 or 6 at discretion of the Head of Department.

### What could this course lead on to?

Psychology students often go onto to study psychology at university as a discrete discipline or they combine it with other areas of social sciences such as Sociology, Health and Social Care or Law. Some students use their knowledge of psychology to support their careers in the medical profession such as Nursing, Physiotherapy or even Medicine. Psychology has the key skills of being able to discuss key ideas practiced with providing key evidence to back up your points.

### Future Prospects:

The course will support access to degree courses in Psychology and/or Psychological Studies and combined Criminology, Law, Sociology, Forensics, Counselling and Clinical settings. Possibly leading to one of the career areas listed above and obtaining BPS accreditation.

### What type of student is this course suitable for?

This course is suitable for anyone interested in understanding and explaining the mind and human behaviour through a variety of theoretical perspectives and empirical evidence. Students who opt for psychology are enthusiastic and willing to take on board large amounts of information and are willing to read round the subject independently. Students will need to be express themselves in a written format during the examinations in an academic manner with close attention to literary accuracy and time management.

Psychology complements other subjects such as Sociology, Criminology and Health & Social Care.,

	Title	Style of Assessment
Unit One	Research Methods	Externally Set 2 hour Examination worth 30% of final grade.
Unit Two	Psychological Themes through Core Studies	Externally set 2 hour examination worth 35% of final grade
Unit Three	Applied Psychology	Externally set 2 hour examination worth 35% of final grade.

### Course Details

Awarding Body: OCR Website: [www.ocr.org.uk](http://www.ocr.org.uk)  
Staff Contacts: Mr C. Wardle ([cwardle@quarrydale.notts.sch.uk](mailto:cwardle@quarrydale.notts.sch.uk))



## A Level Sociology

### Key Features of the Course:

The course seeks to develop knowledge of specific areas of sociological study and at the same time develop knowledge of sociological theory and methods. This requires you to be able to examine specific areas in depth and be able to have an overview of how theory and methods may apply to a variety of areas.

Year 12 will consist of an overview of key sociological knowledge and theoretical frameworks, a study in depth of family and households and finally a study of education placed within the context of theory and methods.

Year 13 will consist of a more in depth examination of theory and methods leading on to the study of crime and deviance. The final unit will be one of either a depth study into Beliefs in Society or The Media (depending on group preferences/area of interest).

### Entry Requirements:

English Language at Grade 6  
Minimum of five GCSEs at Grade 5 including English Language.

### What could this course lead on to?

Sociology students are found in many walks of life but usually in a career that centres on working with people. Having A Level Sociology can open the door to gaining a degree in sociology, business, nursing, policing, humanities, social science, teaching degree, social work, politics, ethics, philosophy, advertising, media studies, cinema studies and journalism.

Sociology has many transferable skills and will allow you to develop your critical reasoning, debating, analytical and collaborative learning skills; all vital for progression to Higher Education and employment.

### Future Prospects:

The course will support access to degree courses in a wide range of subjects as listed above and as such will open doors into a wide range of professions and careers, ranging from a social worker to a journalist. In short any career which involves working with, and supporting people would be open to you.

### What type of student is this course suitable for?

This course is suitable for anyone interested in understanding society and people. It requires an inquiring and critical mind and an interest in current affairs, as being able to apply your knowledge to the real world is a crucial skill. Sociology students need to be highly literate as there is a lot of reading and essay writing involved.

Sociology complements other subjects such as Criminology, Psychology and Health & Social Care.

	Title	Style of Assessment
Paper One	Education with Theory and Methods	2 hour External Examination (33.3% of overall grade)
Paper Two	Topics in Sociology	2 hour External Examination (33.3% of overall grade)
Paper Three	Crime and Deviance with Theory and Methods	2 hour External Examination (33.3% of overall grade)



## Course Details

Awarding Body: AQA      Website: <https://www.aqa.org.uk/>  
Staff Contacts: Mrs H. Cooper ([hcooper@quarrydale.notts.sch.uk](mailto:hcooper@quarrydale.notts.sch.uk))



## A-Level Drama and Theatre

### Key Features of the Course:

A-Level Drama and Theatre offers students the opportunity to explore drama as a practical art form in which ideas and meaning are communicated to an audience through choices of form, style and convention.

Students will:

- Create, perform and respond to drama and theatre
- Develop the creativity and independence to become effective theatre makers
- Explore the relationship between theory and practice in a range of theatrical styles and periods and historical, social and cultural context
- Learn how relevant research, independent thought and analysis of live theatre production can inform decision making in their practical work and put this understanding into practice
- Experience the ways in which theatre makers collaborate to create theatre.

In Year 12, you will study Component One in which you will study and explore practically two set plays enhancing your knowledge and understanding of drama and theatre. You will also have a trip to watch a live theatre performance in order to learn how to analyse and evaluate the work of live theatre makers. (This will all contribute to your written exam in year 13).

Along with this, you will study Component Two which is a process of creating devised drama, performance of devised drama along with a written working notebook.

In Year 13, the focus will be on Component 3 where you will practically explore and interpret three extracts, each from a different play. You will then perform extract 3 applying the methodologies of one prescribed practitioner. Along with this you will be required to write a reflective report analysing and evaluating theatrical interpretation of all three extracts.

The final term will be a return to Component One in which you will pull on learnt knowledge from year 12 to revise for your written exam.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including English Language.

Ability to perform in front of an audience.

### What could this course lead on to?

Higher education institutions helped to develop the Drama and Theatre specification so value and respect the skills drama and theatre qualifications give students as it prepares them for university.

Drama students are found in many walks of life but usually in a career that centres on working within the arts industry.

This could be as an Actor, Director, Stage Manager, Theatre Manager, Lighting Designer, Costume Designer, Sound Designer, Set Designer and many more roles besides these.

This A-Level can also lead to a teaching career in drama or performing Arts.

Drama has many transferable skills and will allow you to develop your analytical and collaborative learning skills; all vital for progression to Higher Education and employment. It will also make you stand out in an interview as your confidence will grow immensely during the course as will your communication skills.

### Future Prospects:

The course will support access to degree courses in Drama or Theatre Studies. Possibly leading to one of the career areas listed above.



## What type of student is this course suitable for?

This course is suitable for anyone interested in understanding Drama and Theatre. We look into the theories of practitioners and then in performance we apply those theories learnt. The course requires an inquiring and imaginative mind and an interest in the theatre, as being able to apply your imagination and knowledge to the components learnt is a crucial skill. Drama students need to be highly literate as there is a lot of reading, research and writing involved.

Drama complements other subjects such as Music, Dance, Art and Health & Social Care.,

Component	Title	Style of Assessment
C1	Drama and Theatre	3hr Written exam 80 Marks 40% of A-Level
C2	Creating Original Drama	Working Notebook (40 marks) Devised Performance (20 marks) 60 Marks 30% of A-level
C3	Making Theatre	Performance of Extract 3 (40 marks) Reflective Report (20 Marks) 60 Marks 30% of A-Level

### Course Details

Awarding Body: AQA

Website: <https://www.aqa.org.uk>

Staff Contacts: Miss S. Brown

Email: [sbrown@quarrydale.notts.sch.uk](mailto:sbrown@quarrydale.notts.sch.uk)



## A-level English Language

### Key Features of the Course

This course involves reading and analysing a wide variety of texts from a range of genres, both fiction and non-fiction, and will involve the study of web-based texts and those found in chatrooms, as well as more traditional texts such as newspapers.

The course explores the relationship between language and the individual and examines the way in which various social groups use language to construct and enrich their identities. In particular gender, social class, geography, age, sexuality, race and occupation are all considered as factors which influence individuals' use of English.

In Year 13 you will learn about the processes by which children acquire language and the theories surrounding these process. Both the speech and writing of young children will be analysed and you will develop an understanding of the various factors that influence this process. You will also study the history of the English language, learning about its evolution over the last two millennia and the attitudes various commentators have about the aspects of English that continue to change at the present time, such as the increase in slang and use of Americanisms.

You will also select an area of language about which you will create a hypothesis and you will conduct an investigation to prove or disprove this. You will also produce a text of your own, emulating the style of a text model of your choice.

### Entry Requirements:

Minimum of five GCSEs at Grade 6 including English Language.

### What could this course lead on to?

Students of English Language go on to pursue careers in a wide range of fields. Some of the most popular are journalism and other areas of the media, teaching, publishing, law, copywriting, arts administration, HR, marketing and public relations.

English Language has a range of transferable skills, including critical reasoning, debating skills, constructing an argument and analysing complex and varied materials. These will be valuable for a range of degree courses and potential careers.

### Future Prospects:

Any subject that requires students to read lengthy material and to write substantial responses in a traditional essay format will consider an A level in English Language as good preparation. Degrees in English, history, law, and a range of social sciences and humanities subjects, as well as media focused courses, are all popular among students with A levels in English Language.

### What type of student is this course suitable for?

This course is suitable for anyone who enjoys reading and, most importantly, analysing what they have read in minute detail, even some texts that may appear to be relatively straightforward. A willingness to learn a range of theories and studies related to the various topics is also a requirement. You will need to be able to discuss your opinions about texts and society in small groups, and to convey your ideas in an appropriately academic written style. An interest in society and current affairs is also an advantage; this will inform your responses to the theories studied and enhance your ability to evaluate them effectively.

	Title	Style of Assessment
Unit One	Language, the Individual and Society	Terminal examination of 2.5 hours. 40% of the final grade.
Unit Two	Language Diversity and Change	Terminal examination of 2.5 hours. 40% of the final grade.
Unit Three	Language in Action	Coursework: an investigation of 2500 words and a creative piece with commentary of 1500 words. Combined these pieces amount to 20% of the final grade.

### Course Details

Awarding Body: AQA

Website: <https://www.aqa.org.uk/>

Staff Contacts: Ms C Lovell; Miss R Fletcher and Mr C Walker



## A-Level History

### Key Features of the Course:

History is a subject that involves learning about past events and people in order to gain a better understanding of the future.

It is an academic subject, which enables you to develop a wide range of skills and helps prepare you for study at undergraduate level. A-level History will typically develop your research skills, how to evaluate archive and source material and develop your writing skills.

Prospective A-level History students should be aware that this is a subject which depends on the person having good independent learning skills as the amount of reading and general research will be extensive.

A-level History at Quarrydale Academy offers a rich, broad and varied programme of study. Students will study Alfred the Great and the Anglo-Saxons, the American Civil War and a history of Russian rulers in the 19<sup>th</sup> and 20<sup>th</sup> centuries. Each student will choose their own coursework topic, which is subject to authorisation from OCR.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including History.

### What could this course lead on to?

History is a good A-level to study because it encompasses a wide variety of transferable skills, which can be applied to a wide range of degree courses and careers. The skills include communication skills, critical thinking, analytical skills, research skills and project management.

Students who study A-level History often go into the following areas of employment:

- Teaching
- Law
- Journalism
- Research
- Sales and marketing
- Management
- Finance

### Future Prospects:

The course will support access to degree courses in History, English, Politics, International Relations, Economics, Sociology and Biology.

### What type of student is this course suitable for?

This course is suitable for anyone interested in learning about past people and events. It is ideal for someone who enjoys learning independently, has an inquisitive mind and relishes a challenge. Prospective students need to be well-motivated and highly literate, as the amount of reading and writing will be extensive. An interest in current affairs would also be advantageous.

History complements other subjects such as Politics, International Relations and English.

	Title	Style of Assessment
<b>Unit 1</b>	Alfred and the Making of England, 871-1016	Examination of 1 hour and 30 minutes - 25% of overall grade.
<b>Unit 2</b>	The USA in the 19 <sup>th</sup> Century: Westward Expansion and the Civil War, 1803-1890	Examination of 1 hour - 15% of overall grade.
<b>Unit 3</b>	Russia, 1855-1964	Examination of 2 hours and 30 minutes – 40% of overall grade.
<b>Unit 4</b>	Coursework – subject to be determined by student	Independent study – internally assessed.

### Course Details

Awarding Body: OCR Website: <http://www.ocr.org.uk>

Staff Contacts: Mr M Danylevych (Head of History Department) – [mdanylevych@quarrydale.notts.sch.uk](mailto:mdanylevych@quarrydale.notts.sch.uk)



## Applied A-Level Criminology

### Key Features of the Course:

Criminology is the study of crime and criminals. It investigates the causes of crime, the social impact of crime and the individuals involved in crime, from those who commit crime themselves to those who work within the criminal justice system.

We study Criminology in an attempt to understand what motivates an individual to act in a criminal manner, giving consideration to individual and situational factors that may have impacted on the decision making process; once this is known, we can study how crime can be managed, controlled and prevented.

In Year 12, you will study the changing awareness of crime, allowing you to identify and understand different types of crime, the perception of crime and the reporting of crime.

You will also study Criminological Theories, exploring Psychological and Sociological explanations for criminal behaviour.

In Year 13, the focus will be on methods of investigating crime and the processes used from crime scene to court room in order to reach a guilty/not guilty verdict. You will also study crime and punishment, examining how effective different types of punishment for criminal behaviour are and the different agencies who work to maintain social control.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including English Language.

### What could this course lead on to?

Criminology students are found in many walks of life but usually in a career that centres on working within the Criminal Justice System such as; Legal services, the Police Force, National Probation Service, Courts and Tribunals Service, Offender rehabilitation, The National Offender Management Service, education and government.

Criminology has many transferable skills and will allow you to develop your critical reasoning, debating, analytical and collaborative learning skills; all vital for progression to Higher Education and employment.

### Future Prospects:

The course will support access to degree courses in Criminology and combined Criminology with Law, Sociology, Psychology, Forensics, Youth Work, Criminal Justice etc. Possibly leading to one of the career areas listed above.

### What type of student is this course suitable for?

This course is suitable for anyone interested in understanding crime and the possible explanations of criminal behaviour. It requires an inquiring and critical mind and an interest in current affairs, as being able to apply your knowledge to the real world is a crucial skill. Criminology students need to be highly literate as there is a lot of reading and essay writing involved.

Criminology complements other subjects such as Sociology, Psychology and Health & Social Care.,

	Title	Style of Assessment
Unit 1	Changing Awareness of Crime	Internally set assignment (Controlled Assessment) 25% of overall grade.
Unit Two	Criminological Theories	90 minute exam 25% of overall grade
Unit Three	Crime Scene to Courtroom	Internally set assignment (Controlled Assessment) 25% of overall grade.
Unit Four	Crime and Punishment	90 minute exam 25% of overall grade

### Course Details

Awarding Body: WJEC

Website: <https://www.wjec.co.uk/>

Staff Contacts: Mr C. Wardle ([cwardle@quarrydale.notts.sch.uk](mailto:cwardle@quarrydale.notts.sch.uk)) Miss L. Straw ([lstraw@quarrydale.notts.sch.uk](mailto:lstraw@quarrydale.notts.sch.uk))



## Level 3 BTEC Applied Science - Diploma

### Key Features of the Course:

BTEC's embody a fundamentally learner-centred approach to the curriculum, with a flexible, unit-based structure and knowledge applied in project-based assessments. They focus on the holistic development of the practical, interpersonal and thinking skills required to be able to succeed in employment and higher education.

Employers are looking for recruits with a thorough grounding in the latest industry requirements and work-ready skills such as teamwork. Higher education needs students who have experience of research, extended writing and meeting deadlines.

The assessment of the course consists of internally assessed assignments (that might include projects, reports or investigations), externally assessed practical investigations and externally assessed exams.

The course covers a wide range of topics within biology, chemistry and physics.

A Level 3 BTEC Applied Science – Diploma is the equivalent of two A levels in terms of UCAS points for university applications.

### Entry Requirements:

5 GCSE's at grade 4 or above (including English and Maths) and Separate Sciences Grade 4 or above or Combined Science Grade 5 - 4 or above

### What could this course lead on to?

Many universities accept BTEC Applied Science for entry on to degree courses, for example - Biological Sciences, Applied Chemistry, Applied Physics, Astronomy, Electrical Engineering, Nursing among others

Level 3 BTEC's are also an excellent qualification for acceptance onto higher level apprenticeships.

### Future Prospects:

Many careers within science are opened up with a Level 3 BTEC in Applied *Science*; research assistant, conservation work, biomedical research, animal care and zoology, pharmacology, pharmacy, marine biology, radiology, midwifery and nursing

### What type of student is this course suitable for?

This course is suitable for students who have an interest in all three Sciences; who are fascinated by understanding the world around them and wish to pursue a career within a science or technical field.

	Title	Style of Assessment
Unit 1	Principles and Applications of Science 1	Exam (12.5% of the final grade)
Unit Two	Practical Science Procedures and Techniques	Assignments (12.5% of the final grade)
Unit Three	Science Investigation Skills	Externally set investigation (17% of the final grade)



<b>Unit Four</b>	Lab Techniques and their Application	Assignments (12.5% of the final grade)
<b>Unit Five</b>	Principles and Applications of Science II	Exam (17% of the final grade)
<b>Unit Six</b>	Investigative Project	Assignments (12.5% of the final grade)
<b>Units Seven and Eight</b>	Optional Units	Assignments (17% of the final grade)

### Course Details

Pearson Level 3 BTEC Applied Science - Diploma

Head of Science; Mr S Dewhurst      Email: [sdewhurst@quarrydale.notts.sch.uk](mailto:sdewhurst@quarrydale.notts.sch.uk)



## Level 3 BTEC Applied Science – Extended Certificate

### Key Features of the Course:

BTEC's embody a fundamentally learner-centred approach to the curriculum, with a flexible, unit-based structure and knowledge applied in project-based assessments. They focus on the holistic development of the practical, interpersonal and thinking skills required to be able to succeed in employment and higher education.

Employers are looking for recruits with a thorough grounding in the latest industry requirements and work-ready skills such as teamwork. Higher education needs students who have experience of research, extended writing and meeting deadlines.

The assessment of the course consists of internally assessed assignments (that might include projects, reports or investigations), externally assessed practical investigations and externally assessed exams.

The course covers a wide range of topics within biology, chemistry and physics.

A Level 3 BTEC Applied Science – Diploma is the equivalent of an A level in terms of UCAS points for university applications.

### Entry Requirements:

5 GCSE's at grade 4 or above (including English and Maths) and Separate Sciences Grade 4 or above or Combined Science Grade 5 - 4 or above

### What could this course lead on to?

Many universities accept BTEC Applied Science for entry on to degree courses, for example - Biological Sciences, Applied Chemistry, Applied Physics, Astronomy, Electrical Engineering, Nursing among others

Level 3 BTEC's are also an excellent qualification for acceptance onto higher level apprenticeships.

### Future Prospects:

Many careers within science are opened up with a Level 3 BTEC in Applied *Science*; research assistant, conservation work, biomedical research, animal care and zoology, pharmacology, pharmacy, marine biology, radiology, midwifery and nursing

### What type of student is this course suitable for?

This course is suitable for students who have an interest in all three Sciences; who are fascinated by understanding the world around them and wish to pursue a career within a science or technical field.

	Title	Style of Assessment
Unit 1	Principles and Applications of Science 1	Exam (25% of the final grade)
Unit Two	Practical Science Procedures and Techniques	Assignments (25% of the final grade)
Unit Three	Science Investigation Skills	Externally set investigation (33% of the final grade)



<b>Units Four</b>	<b>Optional Unit</b>	<b>Assignments</b> (17% of the final grade)
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### **Course Details**

Pearson Level 3 BTEC Applied Science – Extended Certificate

Head of Science; Mr S Dewhurst

Email: [sdewhurst@quarrydale.notts.sch.uk](mailto:sdewhurst@quarrydale.notts.sch.uk)



## BTEC LEVEL 3 NATIONAL EXTENDED CERTIFICATE IN BUSINESS

### Key Features of the Course:

The course is run over 2 years, each year 2 units are studied. At the end of the 2 years – the course is equivalent to 1 A Level.

In year 12 – you will be required to carry out independent primary and secondary research of 2 different types of businesses and report on what you have found. The assignment you will be required to produce is split into 3 individual parts. You will be given the opportunity to visit at least 2 different businesses so you can collate the information required at this stage.

For the rest of year 12, you will be preparing for a set controlled task, which will be done in May. This requires you to investigate and do research into a set business or idea and plan a suitable marketing campaign. You are then given time to do some planning in the form of notes and have 3 hours to write a report on what you have found out about this specific business/idea.

In year 13, you will be learning all about personal and business finance through theory and you will be expected to apply this knowledge to an external assessed exam.

After this, you will be back to an assignment where the recruitment and selection process is studied.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including English Language.

### What could this course lead on to?

This qualification, when studied with other level 3 qualifications, is designed primarily to support progression to employment after further study at university. However, it can also support students progressing to employment directly, or via an apprenticeship. It will give the successful student the transferable knowledge, understanding and skills that will be an advantage in applying for a range of industry linked training programmes or apprenticeships in the business or other sector of their choice.

### Future Prospects:

There are many different career paths for those who wish to work within the business sector. These include management, HR, finance, marketing and business information management, with the opportunity to work both in the UK and internationally.

### What type of student is this course suitable for?

Someone that is well motivated and is interested in developing their knowledge and understanding of business from GCSE level. Deadlines are essential to be adhered to and the course requires you to stay organised and be willing to do research and preparation at home, as well as during the school day. There will be a substantial amount of reading to be done and it is necessary to act on feedback given.

	Title	Style of Assessment
Unit 1	EXPLORING BUSINESS	Internally Assessed Assignment
Unit 2	DEVELOPING A MARKETING CAMPAIGN	Externally Assessed Set Task
Unit 3	PERSONAL & BUSINESS FINANCE	Externally Assessed Exam
Unit 8	RECRUITMENT & SELECTION PROCESS	Internally Assessed Assignment

### Course Details

Awarding Body: Pearson Website: <https://qualifications.pearson.com/en/qualifications/btec-nationals/business-2016.html>

Staff Contacts: Mrs L Walton ([lwalton@quarrydale.notts.sch.uk](mailto:lwalton@quarrydale.notts.sch.uk))



## Pearson BTEC Level 3 National Extended Certificate in Computing

### Key Features of the Course:

- Understanding of key hardware and software to a high level
- Calculations related to Binary, Floating Point, Hex and ASCII
- Understanding of different computer architecture models
- Extensive coding in C# and other similar languages
- Creation of graphical user interfaces (as well as command line)
- Investigation and practical experience of security issues, flaws and fixes
- Coding of web based client and server side solutions
- 3D modelling and game design
- Coding of modern game design engines (such as Unity)
- Practical use of and creation of Artificial Intelligence
- In depth solution testing and error debugging
- Practical and theory elements of networks

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including Computer Science and Maths.

### What could this course lead on to?

Computing students are found in many walks of life but usually in a career that centres on :

- Network specialist
- Software coder
- Website developer
- 3D game designer
- SQL/Database developer
- Hardware specialist
- Tester / Debugger
- Multiple platform applications developer

### Future Prospects:

The course will support access to degree courses in Computing, Computer Science, Game Design, Software Design, Network engineering etc Possibly leading to one of the career areas listed above.

### What type of student is this course suitable for?

This course is suitable for anyone that has completed GCSE Computer Science to at least a grade 5. A suitable student should have the ability to complete complex calculations, create code and script to a good standard and be able to test and debug ideas and solutions.

Computer Science compliments other subjects such as Maths, Science, Media

	Title	Style of Assessment
Unit 1	Unit 1: Principles of Computer Science	Externally set exam.
Unit 2	Unit 2: Fundamentals of Computer Systems	Externally set exam.
Unit 7	Unit 7: IT Systems Security and Encryption	Internally set assignment
Unit 14	Unit 14: Computer Games Development	Internally set assignment

### Course Details

Awarding Body: Pearson Website: <https://qualifications.pearson.com/en/home.html>  
Staff Contacts: Mr A Metcalfe (ametcalfe@quarrydale.notts.sch.uk)



## BTEC Nationals Level 3 Extended Certificate in Health and Social Care

### Key Features of the Course:

In Year 12 you will cover aspects of human growth and development through the different life stages. This will serve as an introduction to health and social care needs. You will be assessed externally through a 90 minute examination.

Later in the same year you will learn about the values and principles of meeting care and support needs and look at some of the ethical issues that arise when personalising care.

Year 13 will see you looking at the range of roles and general responsibilities of people who work in health and social care settings. Here you will learn about the organisations that provide services in this sector, and the different settings in which these services are delivered according to the needs of the service user. You will find out about the ways these services are provided and about the barriers that can prevent people from getting the services they need. This, too, is assessed by a 90 minute external examination.

Finally you will learn about the different psychological perspectives that have been put forward and how these approaches have influenced thinking and practices in meeting and supporting service user needs.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including English Language.

### What could this course lead on to?

This qualification is designed to support progression to higher education or employment. The following careers have their roots in Health and Social Care: Nursing (Adult, Children, Mental Health and Learning Disabilities)/Midwifery Social Work/Social Care Work, Primary School Teaching, Children and Young Peoples Workforce, or Allied Health professions e.g. Occupational Therapy.

These careers require the transferable skills such as communication, teamwork, research and analysis, which are valued in both higher education and the workplace and are developed throughout this course.

### Future Prospects:

This course will support access to a variety of degree courses including, but not exclusively:

BSc (Hons) in Nursing  
BA (Hons) in Primary Education  
BSc (Hons) in Social Work

### What type of student is this course suitable for?

Do you want to work with people? Do you want to provide physical, intellectual, emotional and/or social support to help people live their lives? You will need the ability to build relationships with patients and service users. It is essential that people trust you, and therefore patience, friendliness and fantastic communication skills are needed. Health & Social Care complements subjects such as Sociology, Psychology and Criminology.

	Title	Style of Assessment
Unit 1	Human Lifestyle and Development	Examination
Unit 2	Working in Health and Social Care	Examination
Unit 5	Meeting Individual Care and Support Needs	Controlled Assessment
Unit 11	Psychological Perspectives	Controlled Assessment

### Course Details

58% of this course is assessed through external examination. (Units 1 & 2)  
42% of this course is evaluated via internal controlled assessment. (Units 5 & 11)



## BTEC Level 3 Diploma in Sport and Extended Certificate In Sport

### Key Features of the Course:

The study of Level 3 Sport allows learners to understand about the broad concept of sport and the theoretical elements that are integrated to a large part of our culture and society.

The course starts with the focus of Anatomy and Physiology, this part of the course is very scientific and requires an understanding of the functions of the four major systems in the human body and how they are effected during exercise.

In the diploma option students will study 6 mandatory units which cover:

- Anatomy & Physiology (EC)
- Fitness Training and Programming (EC)
- Professional Development in Sport
- Sports Leadership
- Investigating business in Sport
- Skill Acquisition.

These units will be spread across two years for the diploma course, through a variety of assessments including an examination for the A&P unit in year 12 and an external synoptic assessment for the Fitness Training Unit in year 13 and with several other units being assessment through internal assignment based tasks.

Other units that are covered include – practical sport, outdoor adventurous activities and rules & regulations in sports.

### Entry Requirements:

An expectation of 5 GCSE's of grade 4 or 5.

Students who studied GCSE PE would have a distinct advantage.

### What could this course lead on to?

There are a selection of courses this can lead onto, all of which may vary depending on the further education centre:

- BTEC Level 3 extended Diploma in Sport
- BA (hons) in Sports Development and management
- Bsc (Hons) in Sports Management
- BSc (Hons) Sports Science
- BSc (Hons) Physical Education and Youth Sport
- BSc (Hons) in Sport Psychology

See university prospectus' for further courses

### Future Prospects:

Careers in the sports industry include:

- Sports coach
- Fitness Instructor
- PE teacher
- Leisure management
- Sports psychology
- Biomechanics
- Sports Science & Research
- Sports Development
- Outdoor pursuit
- Physiotherapy

### What type of student is this course suitable for?

If you are considering this course, firstly you must have a passion for sport and exercise, the course requires a lot of self-reflection on sports performance and current affairs in the world of sport. This is an essential aspect of learners for this course. Additionally, this course is 90% theoretical therefore a student who is organised, punctual with deadlines and conscientious will be suitable to the course.



	<b>Title</b>	<b>Style of Assessment</b>
<b>Unit 1</b>	Anatomy & Physiology	External Examination
<b>Unit 2</b>	Fitness Training and Programming for Health, Sport and Wellbeing	External Written Assignment (synopsis)
<b>Unit 3</b>	Professional Development in Sport	Internal written assignments
<b>Unit 4</b>	Sports Leadership	Internal written assignments
<b>Unit 22</b>	Investigating business in Sport and Active Leisure industry	External Written Assignment (synopsis)
<b>Unit 23</b>	Skill Acquisition in Sport	Internal written assignments
<b>Unit 25</b>	Rules, Regulations & Officiating in Sport	Internal written assignments
<b>Unit 27</b>	Principles and practices for outdoor and adventurous activities	Internal written assignments
<b>Unit 7</b>	Practical Sports Performance	Internal written assignments

## Course Details

[www.pearson.com](http://www.pearson.com)

aheathcote@quarrydale.notts.sch.uk



## RSL L3 Subsidiary Diploma for Music Practitioners

### Key Features of the Course:

The nature of this course is to develop and broaden a learners' knowledge, skills, ability, interest and passion for Music.

Learners are able to tailor the course to them as an individual, choosing which specific pathway/focus they would like to follow, choosing from Performance, Technology, Composition or Business. As well as a choice of which optional units they would like to study, which cover all areas of music, from music theory and analysis to performance, to music technology, to dance, to music business.

It is a vocational qualification meaning their work always has a 'real world' context, allowing students to gain an understanding of where music can take them in the future. Due to its vocational nature the course requires learners to work independently, including research, coursework, rehearsals etc.

The course requires learners to complete two compulsory core units – one externally assessed linked to the specific pathway they have chosen. The other is internally assessed looking at Careers within Music.

### Entry Requirements:

Minimum of five GCSEs at Grade 5 including English Language.

### What could this course lead on to?

Studying this course could lead learners into careers within the music industry. These could include such careers as performing, production, teaching, music therapy, music journalism etc.

In addition to music related jobs, the course develops transferable skills such as communication, research and analytical skills, collaborative and independent learning, critical reasoning as well as confidence and performance skills. All of these are vital for progression to Higher Education and employment.

### Future Prospects:

The course will support access to degree courses in Music, Music Technology and combined courses, such as Music and Psychology or Music and English. Possibly leading to one of the career areas listed above.

### What type of student is this course suitable for?

This course is suitable for anyone with a passion and interest for music. It requires learners to be able to work independently, with good time management skills. The course is suitable for learners with lots of previous musical experience, including those who have studied music at KS4. However it is also suitable for those who have less musical experience because the units chosen can develop musical understanding and skills in different areas before focussing on more specialist units.

Music Practitioners complements other subjects such as Drama, Dance, Media, Art & Photography and Business etc.

	Title	Style of Assessment
MUSPRA 349	Planning for a Career in Music	Compulsory CORE – Internally assessed coursework – externally moderation (30 credits)
MUSPRA 387/388	Rehearsal Skills & Live Music Performance / Live Sound Recording & Sound Reinforcement	Compulsory CORE – Externally assessed coursework – brief set by exam board, complete between January & March or Yr13. (15 credits)



# Quarrydale Academy

<b>Mixed</b>	Mixed choice of optional units covering all aspects of music depending on learner's individual aspirations and skills.	Internally assessed coursework and externally moderated as a sample (45 credits in total = 50% of course)
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## Course Details

Awarding Body: RSL

Website: <https://www.rslawards.com/>

Staff contacts: Mrs. J. Sutton ([jsutton@quarrydale.notts.sch.uk](mailto:jsutton@quarrydale.notts.sch.uk))