



THESIXTHFORM
at Southmoor Academy

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Welcome

Why choose this sixth form?

The Sixth Form at Southmoor is committed to providing the highest quality of education and giving young people the personal support, rigour, focus, aspiration and freedom to develop as responsible young adults.

The Sixth Form is very popular across Sunderland and we attract a significant number of students from the MAT and from other schools.

All students are welcomed warmly and we pride ourselves on our induction programmes for new Sixth Form students and the continuing support they receive.

- ▶ *We are committed to our students. They are at the heart of everything we do at the Sixth Form.*
- ▶ *We have more face-to-face teaching time with our students - six taught 1-hour lessons per week per subject. More contact time, means more success.*
- ▶ *We have many supportive mechanisms in place to tailor academic/pastoral programmes to ensure every student fulfils their individual potential.*

We welcome you!

“

Students in Years 12 and 13 are making good progress on their chosen courses because teaching is consistently good and members of staff are on hand to support them every step of the way.

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**Ofsted report:
Teaching, Learning
& Support**



Academic Record & Progression

It was another successful year for academic performance and progression, we are very proud of the students' achievements and, as ever, it is great to see all their hard work and commitment rewarded.

Academic Achievement

- ▶ *100% pass rate at A-Level*
- ▶ *Average grade per entry of grade B*

In 2021...

- ▶ *Over 75% of our students made significant levels of progress*
- ▶ *Over 83% of students gained a Level 4 or Level 5 in GCSE Maths resits.*

2021 Outcomes & Destinations

STEM based courses and Business courses are currently amongst the most competitive courses. 4 of our students are heading to study Business courses and 23 to courses in STEM areas including Chemical Engineering, Biomedical Science, Computer Science and Physics.

In addition to the destinations above, the courses chosen by our students are representative of the diversity of interests that our students hold, with other members of the year group progressing to courses including Clinical Psychology, Interior Architecture, Dietetics, Art History, Speech and Language and Accounting and Finance.

Individual Success Stories



Charlotte Blackery
A*A*A*

Heading to Edinburgh University
to study Medicine



Lucy Bulmer
A*A*A*

Heading to Newcastle University
to study Medicine



Jeremy Hendricks
AAA*

Heading to Durham University
to study Law



Rowin Baldwin
A*AA

Heading to Manchester University
to study Maths & Computer Science



Alexander Barszczewska
A*AA*

Heading to Northumbria University
to study Interior Design



Eve Cuming
AA*A*A

Heading to Warwick University
to study Physics



Emily Flett
AAAA*

Heading to Newcastle University
to study Maths & Psychology



Lucy Giles
AA*A*

Heading to Sunderland University
to study Medicine



Alexander Baker
A*A*A*

Heading to Northumbria University
to study Fine Art



Rowin Baldwin
A*AA

Heading to Manchester University
to study Maths & Computer Science



Destination Data 2021

- ▶ **79% of students** in Year 13 progressed on to higher education.
- ▶ **Over 40%** of those going to University gained a place at a Russell Group University.
- ▶ **3 students** are starting **Medicine courses** (Edinburgh, Newcastle, Sunderland)

Financial Support

Moving into Further Education can be a difficult time for anyone, and we want to ensure that everyone has exactly the same opportunities. **There should be no barriers to learning**, particularly financial barriers, and we help to eliminate these as far as possible. We offer a range of tailored financial support up to £1200 depending upon personal circumstances.

If you are concerned at all about any financial barriers to learning, please do not hesitate to speak to us and we can discuss eligibility and the level of support that may help you.

Call us on 0191 594 9991
or email: southmoor6th@southmoormat.co.uk

Free School Meals

Sixth Form students may also be eligible for Free School Meals. Here that would simply mean that your account was automatically and confidentially topped up.

To find out more about Free School Meals follow the link below.

<http://www.direct.gov.uk/en/Parents>

Transport

We offer a free bus from Thorney Close directly to the Sixth Form each morning and we are looking to expand our transport provision. If you have any questions regarding this please contact us on:

0191 594 9991

or email: southmoor6th@southmoormat.co.uk



Life in the Sixth Form

Every student is given a personalised timetable on their first day in Sixth Form. We know that some students may want to change subjects within the first few weeks of Year 12. We will always provide support and encouragement to students - but we will also be honest and realistic and provide students with a programme, which supports them in fulfilling their individual potential.

**Ofsted report:
Leadership of
the Sixth Form**

“

Good leadership and management of the 16 to 19 study programmes ensure that students are placed on suitable courses and that they have every opportunity to succeed.

”



How is it organised?

With more face-to-face teaching time with our students – we will ensure your learning is bespoke. In the six hours per subject, per week that you spend with your teacher – we will make sure your learning is underpinned by our six core learning principles.

Each and every week:

- ▶ You will connect and consolidate prior learning.
- ▶ Your work will be assessed.
- ▶ You will complete your individual 'next steps'.
- ▶ You will be given differentiated work in class to isolate any learning gaps.
- ▶ You will be set personalised homework and independent tasks to complete outside the classroom.
- ▶ Your teacher will help you keep organised by checking and monitoring your learning.

Alongside our face-to-face teaching programme we also offer a comprehensive online tuition programme facilitated by our committed staff and an online provider. Students can receive 1 hour of 1-1 personalised tuition per week.

Monitoring your progress

In order to ensure that students are able to achieve their full potential, the pastoral team and subject teachers will monitor the progress of each Sixth Former, particularly during the first term when Year 12 students are settling in. If we have concerns over effort, deadlines, independent study or other issues then a meeting will be arranged with the student. Teachers and students then agree on an action plan, which may involve extra work to reinforce weak areas, changing a subject, dropping a subject or even repeating the year.

“

Effective tracking of students' attendance and progress on their courses soon identifies any who fall behind or need extra assistance. Leaders do all they can to ensure that students meet their targets and apply for higher education courses.

”

**Ofsted report:
Tracking**



Support & Guidance

We are here to prepare you to move on to the most suitable pathway for you from the day that you leave us.

Our specialist careers team will support you in making decisions and choices for your future. We have a dedicated Careers Hub with a range of careers information, university prospectuses and online resources. Whatever your future plans may be, we have a fully qualified Careers Advisor who is available to discuss your individual career plans. You are guaranteed an individual Careers Guidance interview before you leave the Sixth Form to discuss your progression choices. In addition, we host a number of events throughout your time in Sixth Form to support you to make informed choices about your progression routes:

- ▶ Our Annual Careers Fair, featuring over 45 representatives from Higher Education, Apprenticeship and Training Providers, and local and national employers
- ▶ Specialist seminars and presentations from local and national employers representing different sectors
- ▶ Workshops from ASK (Apprenticeships Support and Knowledge) and local apprenticeship providers
- ▶ In-school and out-of-school Higher education events
- ▶ Trips to universities across the country
- ▶ Visiting speakers from Russell Group universities
- ▶ Opportunities to explore life after Sixth Form through our Personal Development programme
- ▶ A range of talks from inspirational speakers from the world of business, politics, sport and more
- ▶ A range of talks to find out more about Student Finance, gap years, study abroad and more



“

Good careers advice enables students to make the right decisions about the higher education courses they should apply for.

”

**Ofsted report
Careers Advice**

Our tailored programmes include support in the following areas:

University Entry

Achieving a degree from a good university is one of the best ways to secure a successful future career. The key factors in doing this are:

- ▶ Choosing the right A levels
- ▶ Being ambitious and hard-working
- ▶ Developing independent learning
- ▶ Achieving your full potential
- ▶ Being well informed and supported in applying to university.

OxNet Programme

OxNet is a national access and outreach initiative. Its first North East Hub is based at Southmoor Academy, supported jointly by Oxford and other top universities as part of their commitment to widening participation amongst groups under-represented in higher education. Our Raising Aspirations Coordinator will work with high-achieving students with potential for applying to an OxNet programme as part of the Year 12 Honours Programme. This consists of weekly seminars focused around university-style writing and presenting, critical thinking and constructing and de-constructing complex arguments.

This year-long extra-curricular course for Year 12 pupils will give participants a chance to engage with academics conducting world-leading research, culminating in a week-long residential Summer School at the University of Oxford.

Raising Aspirations Programme

The Sixth Form provides students with opportunities all year round, from subject-specific workshops to general widening participation schemes. Sessions include, but are not limited to: Anthony Nolan volunteering, a cybercrime workshop from Teesside University, working with an author as part of the Orwell Youth Prize, an Italian Taster Session from Durham University, bridging the gap with Positively MAD, debating BIG questions with Oxplore, a hands-on experience of sound design with the Northern School of Art, and designing race cars with 'F1 Into Schools'.

In terms of Widening Participation, students access university schemes around the country to support their applications in Year 13, including: Durham Supported Progression, Next Step York, NU Entry, Realising Opportunities, The Social Mobility Foundation, Sunderland First Choice, Sutton Trust UK and Teesside Passport. These often include reduced offers, a chance to attend summer schools, and the potential for sector-specific work experience.

Medical Programme

Aspiring medical students have a tailored programme of support starting from year 12. We run a weekly 'Med Group' where students have the opportunity to discuss current affairs, learn about interviews and admissions tests, and put together a portfolio of experience to make an outstanding application. We have long-standing links with local hospitals, GP surgeries and medical schools, all of which provide students with hands-on experience and access to expert advice

Regardless of what your background or interests may be, we can tailor our support to suit your individual needs.

Enrichment

You will be encouraged to take advantage of a wide range of additional opportunities that enhance your studies and experience. These will both enrich you as a person and help develop key transferable skills and qualities that are so vital in supporting post-18 applications into higher education, apprenticeship or employment.

Sixth Form students play a leading role in many extra-curricular activities such as debating, drama and sport. The Sixth Form Committee consists of the Head Student team, leading students from clubs, societies, and representatives of each tutor group. It is the main discussion and organising body for student activities. Students with interests in subject/career areas and other committees such as Equality and Amnesty International will join our wide range of dedicated sub-committees.

CITIZENS UK



THE DUKE OF EDINBURGH'S AWARD

COMIC RELIEF

Combined Cadet Force



OX?LORE
making geography fun



“

Leaders do all they can to ensure that students have adequate advice on topics such as personal safety, student finance, sexual relationships and potential threats to their welfare from the internet.

”

Ofsted report: Additional Support/Pastoral Support

Transition to Further Education

Choosing Your Courses

This is a big decision and one, which deserves time and attention. We recommend you choose subjects which you find interesting – as you move from ten subjects to three or four and spend six, lessons and four to five hours homework each week on a course it really helps to want to do it.

Secondly, play to your strengths! Universities will offer places based on grades, so look at your progress and results so far, use teachers' advice and look at what the courses involve.

Finally, be aware of the entry requirements of the courses or careers you may be interested in (websites are good for this) and let us know on your application form so we can include it in your interview.

Websites for Choosing

UCAS provides a handy summary on A level choices too:

www.ucas.com/further-education/post-16-qualifications-qualifications-you-can-take/levels

To look directly at university entry requirements go to:

www.ucas.com/students/coursesearch

UCAS



Preparing for Your Courses

You will be given guidance on this throughout the year; you should research carefully your choices and review them as you find out more from mock results etc. The best long-term foundation will be built by paying attention to media items linked to your courses and starting to develop your background reading. It is also important to be aware that GCSE results will go on your applications for University/ apprenticeships and for employment and so you should be working hard from now on.



The Further Education System

Contrasts with Key Stage 4

A levels and their equivalent courses are the building blocks between GCSE and university study. You will learn to be more independent and develop your self-directed study skills. We expect you to prepare for lessons, be fully involved in class and to consolidate your learning afterwards. Work is more demanding, more extended and in most cases develops your decision-making skills, as you have to plan and develop pieces in more depth.

Because you are expected to undertake a weekly average of four hours independent work for each of your subjects in addition to your timetabled lessons, you learn to manage your time. Full time students will therefore not be able to fit in more than 12 hours of paid part-time employment a week.

“

High quality courses on offer: School leaders' vision of high-quality courses, post 16, to enable pupils from the locality, especially the disadvantaged, to have a secure route to university and careers, is firmly being realised.

”

**Ofsted report:
Teaching &
Learning**

Admission & Entry Requirements

Apply online
by scanning here!



At the heart of everything we do at the Sixth Form is personalised learning - we can design individual programmes of study based on different pathway options. We work hard to find you the best courses so you can achieve your full potential and secure the very best destination post 18.

The Admissions Process

Applications start after our Open Evening in late September.

Applications should be received by Friday 10th December 2021 will be processed in January 2022.

Candidates will be invited to an interview in January/February to discuss course choices and future plans.

Applications made after Friday 10th December will be processed in March 2022.

All students will be expected to take an external exam at the end of Year 12. The pastoral team and subject teachers will monitor the progress of each Sixth Former. Students are given a learning agreement and we will meet with students where we have concerns over effort, deadlines, independent study or other issues to discuss a suitable progression route.

Non A-Level Entry Requirements

The entry requirements for BTEC/Applied and Technical courses at the Sixth Form Southmoor may differ - please see the specific entry requirements for individual courses in the relevant course section that follows.

Applied/Technical and BTEC - all our technical/vocational subjects are of equivalent value to A level courses.

A Level Entry Requirements

To study A levels at the Sixth Form - it is recommended that you have a minimum of 5 GCSEs including 3 at Grade 5 and 2 at Grade 4 or better including English Language or Literature and Mathematics.

If this is not the case, a range of Grade 5s or better in other subjects will be considered and there will be an opportunity to resit GCSE English and/or Maths.


Please see guidance in the following course sections for our desired entry requirements - we recommend you work hard to achieve these grades, as they will give you the best possible chance of success at A level.

A Level Entry Requirements Reference

Subject	Entry Requirements	Subject	Entry Requirements
Biology	Grade 6 in GCSE Biology and one other GCSE science or Grade 6-6 in Science (Combined) and Grade 6 at GCSE Mathematics	History	Grade 5 in GCSE History and GCSE English Literature
Business	Grade 5 GCSE English and Grade 5 GCSE Mathematics	Law	Grade 5 in GCSE English Language & Literature
Chemistry	Grade 6 in GCSE Chemistry and one other GCSE science or Grade 6-6 in Science (Combined) and Grade 6 at GCSE Mathematics	Maths	Grade 6 in GCSE Mathematics
Computing	Grade 5 in GCSE Mathematics	Further Maths	Grade 7 in GCSE Mathematics
Drama	Grade 5 in English Literature	Media Studies	Grade 5 in GCSE English Language or GCSE Media Studies
English Language	Grade 5 in GCSE English Language	Music	Grade 6 in GCSE Music or a BTEC Music at Level 2 Distinction and ABRSM Practical Exam Grade 5 and play a musical instrument
English Literature	Grade 5 in both GCSE English Language and GCSE English Literature	Photography	It is desirable but not essential to have 5 at GCSE Photography
Film Studies	Grade 5 in English Language or GCSE Media Studies	Physics	Grade 6 in GCSE Physics and one other GCSE science or Grade 6-6 in Science (Combined) and Grade 6 at GCSE Mathematics
Fine Art	It is desirable but not essential to have Grade 5 GCSE Art	Psychology	Grade 6 in GCSE English Language, Grade 5 in GCSE Mathematics and Grade 5 in any GCSE Science
French	Grade 6 in GCSE French	Sociology	Grade 5 in GCSE English Language
Geography	Grade 5 in GCSE Geography		
German	Grade 6 in GCSE German		
Graphics	It is desirable but not essential to have 5 at GCSE Media/Graphics/Art or Photography		

Non A Level Entry Requirements Reference

Subject	Entry Requirements	Subject	Entry Requirements
Applied Science	Grade 5 in 2 GCSE Science subjects or Grade 5-5 in Science (Combined) and Grade 5 at GCSE Mathematics	Health and Social Care (<i>Extended Certificate</i>)	GCSEs at Grade 4 or above preferable including GCSE Mathematics, GCSE English Language and GCSE Science
Core Maths	Grade 5 in GCSE Mathematics	Health and Social Care (<i>Diploma</i>)	GCSEs at Grade 4 or above preferably including GCSE Mathematics, GCSE English Language and GCSE Science
Engineering (<i>Extended Certificate</i>)	Grade 4 preferably including English Language, Grade 5 in Mathematics and a Grade 5 Product Design or related GCSE	Sport (<i>Extended Certificate</i>)	GCSEs at Grade 4 preferably including GCSE Mathematics, English Language and Science. It is recommended that you have successfully studied GCSE or BTEC PE or equivalent in KS4 at Grade 4



A Level Course Information



Dan Pull A A A

*Dan has gone on to study
Veterinary Medicine at
Nottingham University*

Biology

Biology is the science of life. Biologists study the structure, function, growth, origin, evolution and distribution of living organisms. The study of Biology allows us to understand the living things in the world around us, and how they interact. This course also considers how modern research and development contribute to our understanding of living processes and ultimately help to improve our lives.

Entry Requirements

Grade 6 in GCSE Biology and one other GCSE science or Grade 6-6 in Science (Combined) and Grade 6 at GCSE Mathematics. You must have maturity, self-discipline, good study skills and the motivation to succeed.

A-Level Year 1

Course Content:

- ▶ Topic 1: Biological molecules
- ▶ Topic 2: Cells
- ▶ Topic 3: Organisms exchange substances with their environment
- ▶ Topic 4: Genetic information, variation and relationships between organisms
- ▶ Practical work will be integrated throughout topics 1-4 but this is not assessed

A-Level Year 2

Three examinations (2 hours each) ranging across topics 1 - 8. No coursework

Content is as topics 1-4 plus:

- ▶ Topic 5: Energy transfers in and between organisms
- ▶ Topic 6: Organisms respond to changes in their internal and external environments
- ▶ Topic 7: Genetics, populations, evolution and ecosystems
- ▶ Topic 8: The control of gene expression Assessed practical work will be integrated throughout topics 1-8. This does not contribute towards your grade.



Zita Carr A B B

Zita has gone on to study Events Management and Marketing at Chester University

Business

A level Business is structured into four themes and consists of three externally examined papers. Students are introduced to business in Themes 1 and 2 through building knowledge of core business concepts and applying them to business contexts to develop a broad understanding of how businesses work.

Breadth and depth of knowledge and understanding, with applications to a wider range of contexts and more complex business information, are developed in Themes 3 and 4, requiring students to take a

more strategic view of business opportunities and issues.

Students are encouraged to use an enquiring, critical and thoughtful approach to the study of business, to understand that business behaviour can be studied from a range of perspectives.

This qualification is a relevant foundation for any future career route and has high credibility with universities, often leading on to business related degree programmes or other academic pathways.

Entry Requirements

Grade 5 GCSE English and Grade 5 GCSE Mathematics

A-Level Course Content

Theme 1: Marketing & people

Students will develop an understanding of:

- ▶ Meeting customer needs
- ▶ The market
- ▶ Marketing mix and strategy
- ▶ Managing people
- ▶ Entrepreneurs and leaders
- ▶ Assessing competitiveness

Theme 2: Managing business activities

Students will develop an understanding of:

- ▶ Raising finance
- ▶ Financial planning
- ▶ Managing finance
- ▶ Resource management
- ▶ External influences

Theme 3: Decisions & strategy

Students will develop an understanding of:

- ▶ Business objectives and strategy
- ▶ Business growth
- ▶ Decision-making techniques
- ▶ Influences on business decisions
- ▶ Assessing competitiveness and managing change

Chemistry

A level Chemistry requires the use of higher GCSE maths skills. All of the assessment for the A level will come from 3 external examinations at the end of Year 13.

Entry Requirements

Grade 6 in GCSE Chemistry and one other GCSE science or Grade 6-6 in Science (Combined) and Grade 6 at GCSE Mathematics. You must have maturity, self-discipline, good study skills and the motivation to succeed.

A-Level Year 1

Course Content:

Physical Chemistry Including atomic structure, amount of substance, bonding, energetics, kinetics, chemical equilibria and le Chatelliers.

Inorganic Chemistry Including periodicity, group 2 the alkaline earth metals, group 7, the halogens.

Organic Chemistry. Including introduction to organic chemistry, alkanes, halogenoalkanes, alkenes, alcohols and organic analysis.

A-Level Year 2

Course Content:

Physical Chemistry Including thermodynamics, rate equations, equilibrium constant (K_c) for homogenous systems, electrode potentials and electrochemical cells.

Inorganic Chemistry Including properties of period 3 elements and their oxides, transition metals and reactions of ions in aqueous solution.

Organic Chemistry Including optical isomerism, aldehydes and ketones, carboxylic acids and their derivatives, aromatic chemistry, amines, polymers, amino acids, proteins and DNA & organic synthesis.



Adam Liddle A* A A* A A*

Adam went on to study Natural Sciences at Cambridge University

Computer Science

Pupils develop the capacity to think creatively, innovatively, analytically, logically and critically. It includes more computer science than traditional ICT. A-level Computer Science is excellent preparation for students looking to take computing studies at degree level, or for anyone considering any kind of career in computing. Complimentary subjects are the more logical and technical subjects such as Maths and Science.

Entry Requirements

Grade 5 in GCSE Mathematics.

A-Level Course Content

Unit: 1 Computer Systems - Examined Unit

It will cover the characteristics of contemporary systems architecture and other areas including the following:

The characteristics of contemporary **processors**, input, output and storage devices

- ▶ Software and software development
- ▶ Exchanging data
- ▶ Data types, data structures and algorithms
- ▶ Legal, moral, cultural and ethical issues

Unit 2: Algorithms and Programming- Examined Unit

This unit consists of two sections.

Sections A and B that cover the following:

- ▶ Elements of computational thinking
- ▶ Problem solving and programming
- ▶ How computers are used to solve problems and programs can be written to solve them?
- ▶ Algorithms
- ▶ What is meant by computational thinking?
- ▶ The use of algorithms to describe problems and standard algorithms

Unit 3: Programming project - Programming Project

Candidates select their own user-driven problem of an appropriate size and complexity to solve.

Through coursework, students gain an understanding of definition, investigation and analysis, system design, software development and testing, documentation, evaluation and how to produce written reports covering these topics



Adam Mapstone A A A

Adam is now studying Computer Science at Newcastle University



Drama

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. To do this, student will create, perform and respond to drama and theatre.

Entry Requirements

Grade 5 in English Literature

A-Level Course Content

Unit: 1 Drama and Theatre

- ▶ Knowledge and understanding of drama and theatre.
- ▶ Study of two set plays
- ▶ Analysis and evaluation of the work of a live performance

How it's assessed

- ▶ Written exam: 3 hours

Unit 2: Creating Original Drama (practical)

- ▶ Process of creating devised drama
- ▶ Performance of devised drama (students may contribute as performer, designer or director)

How it's assessed

- ▶ Working notebook (40 marks)
- ▶ Devised performance (20 marks)
30% of A-level

Component 3: Making theatre (practical)

- ▶ Practical exploration and interpretation of three extracts each taken from a different play
- ▶ Reflective report analysing and evaluating theatrical interpretation of all three extracts

How it's assessed

- ▶ Performance of Extract 3 (40 marks)
- ▶ Reflective report (20 marks)
30% of A-level



Ella Jackson A B C

Ella is now studying Set Design at Bristol Old Vic Theatre School

Ellie Taylor A Dis* B

Ellie is now studying Speech and Language at Newcastle University



English Language

We use language - written, spoken and electronic all of the time, but do we stop to consider HOW language is used and question it? Effective study of language requires curiosity, a keen eye and ear, a questioning approach and awareness of key concepts. The A level units will provide you with the opportunity to explore contemporary language, branching out from your own language use to wider social implications.

You will develop your skills as a writer for different audiences and purposes - a rewarding and valuable skill, and build up your skills to research, plan, select and shape materials. You will learn to read as writers and to write as readers, developing an enquiring and open mind. Language will never be the same again! Language investigation plus original writing and a commentary.

Entry Requirements

Grade 5 in English Language

A-Level Course Content

Paper 1: Language, the Individual and Society

- ▶ 40% of A level
- ▶ Written exam: 2 hours 30 minutes

Section A: Textual Varieties and Representations - two linked texts: one contemporary, one older

Section B: Children's language Development - A discursive essay on language development with a choice of two questions

Paper 2: Language Diversity and Change

- ▶ 40% of A level
- ▶ Written exam: 2 hours 30 minutes

Section A: Diversity and Change - An evaluative essay on either diversity or change

Section B: Language Discourses - One analytical question and one writing question, both linked to diversity and change

Coursework - Language in Action

- ▶ 20% of A level
- Two pieces of coursework:
- ▶ One original writing and accompanying commentary on linguistic choices
 - ▶ One Language Investigation

English Literature

The study of literature provides a fascinating insight into questions that don't necessarily have fixed answers. It is a study of interpretations, of shaded and ambiguous meanings. Most of all, it is a chance to read and understand a variety of wonderful works of literature from a wide range of periods.

English literature is a highly regarded, traditional A level which is accepted for most degree courses. It is especially suited to careers in journalism, law, teaching, public relations, and advertising.

Entry Requirements

Grade 5 in both GCSE English Language and GCSE English Literature

A-Level Course Content

Unit 1: Drama and poetry pre-1900'

The first exam 'Drama and poetry pre-1900' is in two parts. In the first section, the topic is Shakespeare's use of language. In the second section, candidates answer on a combination of one drama text and one poetry text.

Unit 2: Comparative and Contextual Study

The second exam 'Comparative and Contextual Study' will consist of a close reading (unseen exercise) and a comparative essay. Students will have free choice of texts (from a list of core set texts and suggested set texts) from within their chosen topic area.

Coursework:

The coursework component requires candidates to study three texts from across the genres of poetry, drama and prose and produce one close analysis and one comparative essay.

James Carney A* A C

James is now studying English Literature at the University of York





Film Studies

Films are a popular art form, an international industry, an influential ideological force, and a source of considerable pleasure. Studying films gives an interesting insight into psychology, culture, society, philosophy, politics and economics, as well as being enjoyable.

A Level film studies uses a combination of analysis, research, theory and creative work to study examples from British, American and world cinema, examining their production, form and reception, and relating these to cultural, social and political contexts. It would be of interest to those who enjoy watching and discussing films and is keen to learn more.

Entry Requirements

Grade 5 in English Language or GCSE Media Studies and a genuine interest in and enthusiasm for all aspects of the film industry would be a distinct advantage.

A-Level Course Content

Component 1: Varieties of film and film-making

- ▶ Written examination: 2½ hours
- ▶ 35% of qualification
- ▶ This component assesses knowledge and understanding of five feature-length films and one compilation of short films.

Component 2: Global film-making perspectives

- ▶ Written examination: 2½ hours
- ▶ 35% of qualification
- ▶ This component assesses knowledge and understanding of six feature-length films.
- ▶ Section A: British film since 1995 (two-film study)
- ▶ Section B: Global film (two-film study)
- ▶ Section C: Film movements - silent cinema
- ▶ Section D: Film movements - experimental film (1960-2000)

Component 3: Production

- ▶ Non-exam assessment
- ▶ 30% of qualification
- ▶ Learners produce either a short film (4-5 minutes) or a screenplay for a short film (1600-1800 words) plus a digitally photographed storyboard of a key section from the screenplay and an evaluative analysis (1250-1500 words)





Daniel Swaine A A A

Daniel has gone on to study Architecture and Urban Planning at Newcastle university



Fine Art

A level Fine Art provides students with opportunities to develop personal responses to ideas, observations, experiences, environments and cultures in practical, critical and contextual forms. This four-unit specification, two at AS level and two at A level, requires students to develop their ability to show a range of skills.

These include:

- ▶ Developing your own ideas leading to individual responses and outcomes
- ▶ Working with a range of media, including traditional and new media
- ▶ An awareness of different roles, functions, audiences and consumers of art and design
- ▶ Researching the work of artists / analyse and evaluate
- ▶ Ability to draw and use art media
- ▶ Creative experimentation and development

The Art and Photography department is a lively and friendly teaching and learning environment where individual ideas, experimentation and risk-taking will be encouraged. As A level students, you will be introduced to a variety of experiences exploring a range of fine art media, techniques and processes. This will include both

traditional and new technologies. As a subject, it stimulates and develops the imagination and critical thinking as well as strengthening problem-solving and critical-thinking skills, which adds to overall academic achievement and school success.

Entry Requirements

It is desirable but not essential to have Grade 5 GCSE Art. Students who can demonstrate an intense interest in the subject/show talent and have not studied at GCSE may be considered.

A-Level Course Content

Component 1: A2 Personal Investigation

- ▶ 60 % of A- level
- ▶ No time limits
- ▶ Personal investigation supported by written element of 1000-3000 words
- ▶ Marked by the centre and moderated by AQA

Subjects Externally Set Assignment

- ▶ 40% of A- level
- ▶ Preparatory period leading to 15 hours supervised time
- ▶ Marked by the centre and moderated by AQA





French

Choosing A level French offers you the opportunity to develop your command of a language, bringing you in close contact with the culture and heritage of the French-speaking world. Pupils have the opportunity to develop a lasting appreciation of language, and language learning, with an ability to understand it in a wide range of contexts. It will allow pupils to communicate confidently for a variety of purposes, and give an insight into cultures, both contemporary and historic, and valuable skills for foreign travel, further education and employment.

Entry Requirements

Grade 6 in GCSE French

A-Level Course Content

- ▶ Level A listening, reading and writing examination worth 35%
- ▶ Speaking exam worth 15%

Areas of study at A level are the environment, the multicultural society, contemporary social issues and two cultural topics, such as a French director, author or dramatist.

Further Maths

Students who have a particular flair for Mathematics and enjoy solving problems will find Further Mathematics to be an enjoyable and rewarding A level subject. The course is specifically designed for the most able mathematicians, allowing them to advance their knowledge of algebra, calculus and other areas of pure mathematics as well as studying applications of decision mathematics, which is not covered in A Level Mathematics.

The course is delivered as a series of 2-hour lectures at Newcastle University and supported by staff in school and undergraduate students at the university where appropriate. Students must be prepared to complete a significant part of the course outside of lectures (with the support detailed above) and so there is a bigger emphasis on independent study than other A level choices.

Entry Requirements

Grade 7 in GCSE Mathematics although the course is particularly demanding so a grade 8/9 is desirable.

A-Level Course Content

Core Pure 1 (worth 50%)

- ▶ Proof
- ▶ Complex Numbers
- ▶ Matrices
- ▶ Algebra and Functions
- ▶ Calculus
- ▶ Vectors

Mathematics (worth 50%)

- ▶ Algorithms and Graphs
- ▶ Critical Path Analysis
- ▶ Linear Programming
- ▶ Game Theory
- ▶ Recurrence Relations



Geography

The Geography A-Level specification will excite students' minds, challenge perceptions and stimulate their investigative and analytical skills. Units build upon the knowledge developed at GCSE and encourage students to engage with current global issues. Content is framed by enquiry questions that encourage an investigative and evaluative approach to learning. A holistic understanding of geography will encourage students to make links between different geographical themes, ideas and concepts through synoptic themes embedded in the taught content.

The Geography course is designed to develop your subject knowledge as well as a wide range of skills that universities and employers

are look for including data interpretation and analysis, as well as extended writing and informed decision making exercises. Studying the A-Level Geography course will develop you into a well-rounded academic with opportunities to engage and publish work in academic literature and attend international conferences. Fieldwork compliments the taught content and provides an opportunity for students to engage with the world around them. Exams are sat at the end of Year 13.

Entry Requirements

To study the course, you will need to have achieved a grade 5 in GCSE Geography. Students who can demonstrate an intense interest in the subject/show talent and have not studied at GCSE may be considered.

A-Level Course Content

Physical Geography Paper 1 (30 %)

Area of study 1

- ▶ Topic 1: Tectonic Processes and Hazards
- ▶ Topic 2: Glaciated Landscapes and Change or Coastal Landscapes and Change

Area of study 3

- ▶ Topic 5: The Water Cycle and Water Insecurity
- ▶ Topic 6: The Carbon Cycle and Energy Security

Human Geography Paper 2 (30 %)

Area of study 2

- ▶ Topic 3: Globalisation
- ▶ Topic 4: Shaping Places or Regenerating Places

Area of study 4

- ▶ Topic 7: Superpowers
- ▶ Topic 8: Global Development and Connections or Migration, Identity and Sovereignty

Synoptic Investigation of

Geographical Issues Paper 3 (20 %)

Non-Examined Assessment (20 %)

- ▶ Independent Investigation (coursework, internally-assessed)



Millie Johnston A* A* A
Millie is not studying Geography at Durham University



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German

Choosing A level German offers you the opportunity to develop your command of a language, bringing you in close contact with the culture and heritage of the German-speaking world. Pupils have the opportunity to develop a lasting appreciation of language, and language learning, with an ability to understand it in a wide range of contexts. It will allow pupils to communicate confidently for a variety of purposes, and give an insight into cultures, both contemporary and historic, and valuable skills for foreign travel, further education and employment.

Entry Requirements

Grade 6 in GCSE German

A-Level Year 1

Unit 1: Listening, Reading and Writing

Unit 2: Speaking

Course Content:

- ▶ Media - TV, advertising, communication technology
- ▶ Popular culture - cinema, music, fashion and trends
- ▶ Healthy living/lifestyle - sport/exercise, health and well-being, holidays
- ▶ Family/Relationships - relationships within the family, friendships, marriage/partnerships

A-Level Year 2

Unit 1: Listening, Reading and Writing

Unit 2: Speaking

Course content:

- ▶ Environment - pollution, energy, protecting the planet
- ▶ The multicultural society - immigration, integration, racism
- ▶ Contemporary social issues - wealth and poverty, law and order, impact of scientific and technological progress
- ▶ Cultural topics: a region/community, a period of 20th century history, an author, a dramatist, a director, architect, musician or painter



History

History A level encourages you to understand and think intelligently about aspects of modern history, topics are covered at much greater detail than at GCSE level, however, what most students find most rewarding is the attempt to understand, evaluate and analyse the past. Questions at A level are designed to make you think critically about the material and to formulate your own assessments. You will learn to make judgements about the policies of individual leaders and nations, or to analyse the causes of a particular event and evaluate the importance of different factors and write well-organised and clearly explained essays giving your answer.

History is a highly valued and respected subject. Progression to a History or History related degree (for example politics, Archaeology or American Studies) can lead to broad career opportunities, for example: law, television, research, politics journalism, publishing, business and management.

Entry Requirements

Grade 5 in GCSE History and GCSE English Literature

A-Level Course Content

Unit 1: Breadth Study

- ▶ Stuart Britain and the Crisis of Monarchy, 1603-1649

Unit 2: Depth Study

- ▶ Democracy and Nazi Germany, 1918-1933

Non-examined coursework

- ▶ This unit focuses on the Civil Rights Movement in the USA, 1860-1970

Alice Ritchie A* A A

Alice has went on to study History at Kings College London



Law

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

Apart from the obvious careers of solicitor or barrister, law students are well liked by industry, commerce and local government and can be found working in retail management, publishing, journalism, the police force, social services and teaching. The assessment for the A level will come from three external examinations at the end of Year 13

Entry Requirements

Grade 5 in GCSE English Language & Literature. You do not need to have studied law at GCSE.

A-Level Course Content

Unit 1: The legal system and criminal

Exam: 2 hrs

Section A: The legal system focuses on the nature of law, the civil and criminal courts and the legal profession. Students will develop knowledge of the processes and people involved in the law and the changing nature of the legal system.

Section B: Criminal law focuses on the on the rules and general elements of criminal law and non-fatal offences against the person. It introduces criminal liability. Students will develop knowledge and understanding of criminal law and the skills to apply their legal knowledge to scenario-based situations.

Unit 2: Law making and the law of tort - Exam: 2 hrs

Section A: Focuses on law making in England and Wales as well as the EU. Students will study law making methods and concepts. They will develop an understanding of legal method and reasoning as used by lawyers and judiciary.

Section B: Focuses on the rules of tort, liability in negligence, occupiers' liability and remedies. It introduces civil liability. Learners will develop knowledge of the law of tort and the skills to apply their legal knowledge to scenario-based situations and gain a critical awareness of the present state of the law of tort.

Unit 3: The nature of law and Human rights - Exam: 2 hrs

Section A: focuses on law in a wider context and how it interacts with morality, justice and society.

Section B: Focuses on the protection of human rights and freedoms, key provisions of the European convention on human rights and the restrictions and enforcement of human rights law. Students will develop their knowledge and understanding, the skills to apply their legal knowledge to scenario-based situations and gain a critical awareness of the present state of the law.



Mia Stamp A* A* A

Mia is now studying Criminology & Sociology at Northumbria University



Maths

Students who achieved highly and enjoyed Mathematics at GCSE will relish the new challenges this subject can offer at A level. The course allows students to broaden their mathematical skills and understanding in different areas of the subject and see how this applies to the real world. A level Mathematics is focused on solving problems, and will require a lot of perseverance but can offer great rewards for those who are prepared to work hard!

Entry Requirements

Grade 6 in GCSE Mathematics although the course is particularly demanding so a grade 7+ is desirable.

A-Level Course Content

Pure Mathematics

- ▶ Algebra and functions
- ▶ Coordinate geometry in 2-D
- ▶ Sequences and series
- ▶ Basic differentiation and integration
- ▶ The normal distribution
- ▶ Mechanics
- ▶ Quantities and units in mechanics
- ▶ Kinematics
- ▶ Forces and Newton's laws
- ▶ Moments

Statistics & Mechanics

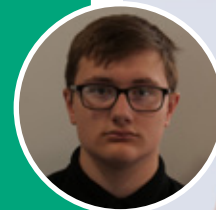
- ▶ Statistics
- ▶ Representing data
- ▶ Probability and random variables
- ▶ Correlation and regression

Assessments

- ▶ Exponentials and logarithms
- ▶ Binomial expansion
- ▶ Radians and trigonometry
- ▶ More differentiation and integration

Ethan MacKenzie A A A*

Ethan is now studying Accounting and Finance Newcastle University







Media Studies

The media are at the heart of the modern world; studying and understanding them is both fascinating and important. This course will allow you to develop a critical and analytical approach to different types of media texts as well as the media institutions, which create and circulate them. You will explore all aspects of today's media world, including newspapers, magazines, TV, film, radio, advertising and the internet. You will also consider the changes and debates surrounding the rise and development of digital media.

Entry Requirements

Grade 5 in GCSE English Language or GCSE Media Studies. A genuine interest in and enthusiasm for all aspects of the media would be a distinct advantage.

A-Level Year 1

30% Coursework 70% External Examination

Unit 1: Investigating the Media Written examination: 2 hours 15 minutes this unit assesses knowledge and understanding of media language, representation, media industries & audiences.

The exam consists of three sections.

- ▶ Section A: Selling Images - Advertising and Marketing
- ▶ Section B: News in the Online Age
- ▶ Section C: Film Industries - from Wales to Hollywood

Unit 2: Creating a Media Production Non-exam assessment A media production, including individual research and planning, created in response to a choice of briefs set by WJEC, and applying knowledge and understanding of key concepts, plus an individual reflective analysis of the production.

A-Level Year 2

Unit 3: Media in the Global Age Written examination: 2 hours 30 minutes this unit assesses knowledge and understanding of media language, representation, media industries & audiences.

The exam consists of three sections.

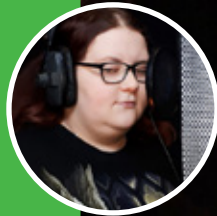
- ▶ Section A: Television in the Global Age
- ▶ Section B: Magazines - Mainstream and Alternative Media
- ▶ Section C: Media in the Digital Age - Video Games

Unit 4: Creating a Cross-Media Production.

A cross-media production, including individual investigative research and development, in response to a choice of briefs set by WJEC, and applying knowledge and understanding of key concepts and digital convergence, plus an individual critical analysis of the production

Katrina Wake A* A C

Katrina has gone on to study Music at Durham University



Music

A level Music will provide students with the knowledge and experience required for all forms of further and higher education. It will give them understanding and encourage appreciation of all music genres in all contexts. Our revised GCSE Music specification will give students a life-long enjoyment and understanding of music as a listener or performer, at any level.

Entry Requirements

Grade 6 in GCSE Music or a BTEC Music at Level 2 Distinction and ABRSM Practical Exam Grade 5 and play a musical instrument

A-Level Course Content

Component 1: Appraising Music 40%

Section A: Listening

Section B: Analysis

This section is based on the compulsory set works.

Areas of Study 1:

- ▶ Western Classical Tradition 1650-1910
- ▶ Baroque Solo Concerto
- ▶ The Operas of Mozart
- ▶ Romantic Piano Music of Chopin, Brahms and Grieg

Component 2: Performance 35%

Component 3: Composition 25%

Photography

A level Photography provides students with opportunities to develop personal responses to ideas, observations, experiences, environments and cultures in practical, critical and contextual forms. As a subject, it stimulates and develops the imagination and critical thinking as well as strengthening problem-solving skills.

This is a four-component specification, two in year one and two in year two. Students need to:

- ▶ Research the work of photographers as a source of inspiration and ideas / annotate and analyse
- ▶ Developing your own ideas leading to individual responses and outcomes
- ▶ Gain an ability to understand the formal elements of composition / the craft of taking a photograph
- ▶ Be willing to experiment and try out ideas to develop their own work
- ▶ Be very willing to work independently of school throughout the course.

Entry Requirements

It is desirable but not essential to have 5 at GCSE Photography. Students who can demonstrate an intense interest in the subject/show talent and have not studied at GCSE may be considered.

A-Level Year 1

Component 1: Portfolio of work

- ▶ Marked by the centre and moderated by AQA

Component 2: Externally Set Assignment

- ▶ Preparatory period leading to 10 hours supervised time
- ▶ Marked by the centre and moderated by AQA

A-Level Year 2

Component 1: A Level Personal Investigation

- ▶ Personal investigation supported by written element of 1000-3000 words
- ▶ Marked by the centre and moderated by AQA

Component 2: Externally Set Assignment

- ▶ Preparatory period leading to 15 hours supervised time
- ▶ Marked by the centre and moderated by AQA

Kiera Simpson A* A* A

*Kiera is now studying Graphics Design
at University of the Arts London*



Physics

Physics is a traditional A level subject. The skills acquired are in great demand in a wide variety of jobs. It is a solid choice for students considering a career in Medicine, Veterinary Science, Dentistry, Computing, Chemistry, Biology, Mathematics, Engineering, Electronics sectors and Environmental Science. Physics allows students to appreciate how fundamental Science works. Humans strive to understand the physical world around us, amongst many others, how things move, what electricity is, what happens inside atoms and how we communicate by sound, students can study optional topics that particularly interest them.

Entry Requirements

Grade 6 in GCSE Physics and one other GCSE science or Grade 6-6 in Science (Combined) and Grade 6 at GCSE Mathematics. You must have maturity, self-discipline, good study skills and the motivation to succeed.

A-Level Course Content

- ▶ A level Physics gives students the opportunity to explore the complexities of the universe and to look at theories that explain what is observed. This subject combines practical skills with theoretical ideas to develop descriptions of the physical universe.
- ▶ We follow the AQA A level Physics course and cover: Particles and Quantum Phenomena, Waves and Optics, Forces, Newton's Laws of Motion, Momentum, Work, Energy and Materials, Electricity and DC Circuits, Circular Motion, Simple Harmonic Motion, Thermal Physics and Gases, Gravitational Fields, Electric Fields, Capacitors, Magnetic Fields and Electromagnetic Induction, Radioactivity and Nuclear Energy and an option topic in year 2 of the course.
- ▶ The practical elements of the course are assessed over the two years across 12 required practical investigations and these are also assessed through the end of course exams. Students studying A level physics will sit 3, 2 hour papers assessing content knowledge, application and practical skills taken from topics across the two year course.



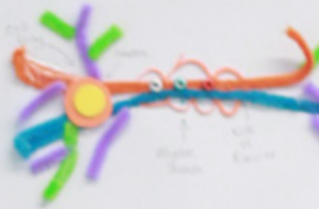
Chloe Pratt A* A A

Chloe has gone on to study Physics at Manchester University





Nervous System



Peripheral NS (The body's link to the outside world)

The Autonomic NS
Regulates (controls) bodily processes, including heart rate, respiration, digestion and pupil constriction. operates automatically without conscious direction.

The Somatic NS
Carries motor information to the CNS and motor information from the CNS to muscles without conscious direction.

The CNS
The brain and spinal cord.

The PNS
The rest of the nervous system.

the Fight or Flight Response



A person enters a stressful/dangerous situation.

The amygdala part of the limbic system is activated which send a distress signal to the hypothalamus.

The hypothalamus activates the sympathoadrenal pathway (SAP pathway) - the pathway running to the adrenal medulla and the sympathetic nervous system (SNS).

The SNS stimulates the adrenal medulla, part of the adrenal gland.

Ross Alder A* A B

Ross went on to study Psychology at Newcastle University



Psychology

A level Psychology develops an awareness of the variety and complexity of the human mind, human behaviour and human relationships. It will promote understanding of self, other people, moral behaviour and thought as well as cultural differences/similarities. Psychology is seen as a science, and studying psychology will give you a real understanding of 'how science works' and will enable you to investigate the causes of human behaviour using various scientific methods and psychological approaches. The emphasis is on applying knowledge and understanding rather than just acquiring knowledge, thereby developing students' transferable skills of analysis, evaluation and critical thinking.

Studying psychology can lead to a wide range of career prospects. At A Level, there is a range of topic-based options, which bring together explanations from different approaches and engage students in issues and debates in contemporary psychology.

Entry Requirements

Grade 6 in GCSE English Language, Grade 5 in GCSE Mathematics and Grade 5 in any GCSE Science

A-Level Course Content

Unit 1: 33.3% of total grade assessed by a 2-hour exam

- ▶ Social Influence
- ▶ Memory
- ▶ Attachment and Psychopathology

Unit 2: 33.3% of total grade assessed by a 2-hour exam

- ▶ Approaches in Psychology,
- ▶ Psychobiology
- ▶ Research Methods

Unit 2: 33.3% of total grade assessed by a 2-hour exam

- ▶ Issues and Debates
- ▶ Gender
- ▶ Forensic Psychology
- ▶ Schizophrenia



Sociology

The study of Sociology focuses on contemporary society and fosters the development of critical and reflective thinking with a respect for social diversity. Students are encouraged to develop their own sociological awareness through active engagement with the contemporary social world.

Studying sociology can lead to degree-level study in social sciences, psychology, education and social work. Key skills developed include writing, critical thinking, and argument.

Over the course, you will:

- ▶ Acquire knowledge and a critical understanding of contemporary social processes and social changes
- ▶ Appreciate the significance of theoretical and conceptual issues in sociological debate
- ▶ Understand and evaluate sociological methodology and a range of research methods through active involvement in the research process
- ▶ Develop skills that enable individuals to focus on their personal identity, roles and responsibilities within society
- ▶ Develop a lifelong interest in social issues

Entry Requirements

Grade 5 in GCSE English Language

A-Level Course Content

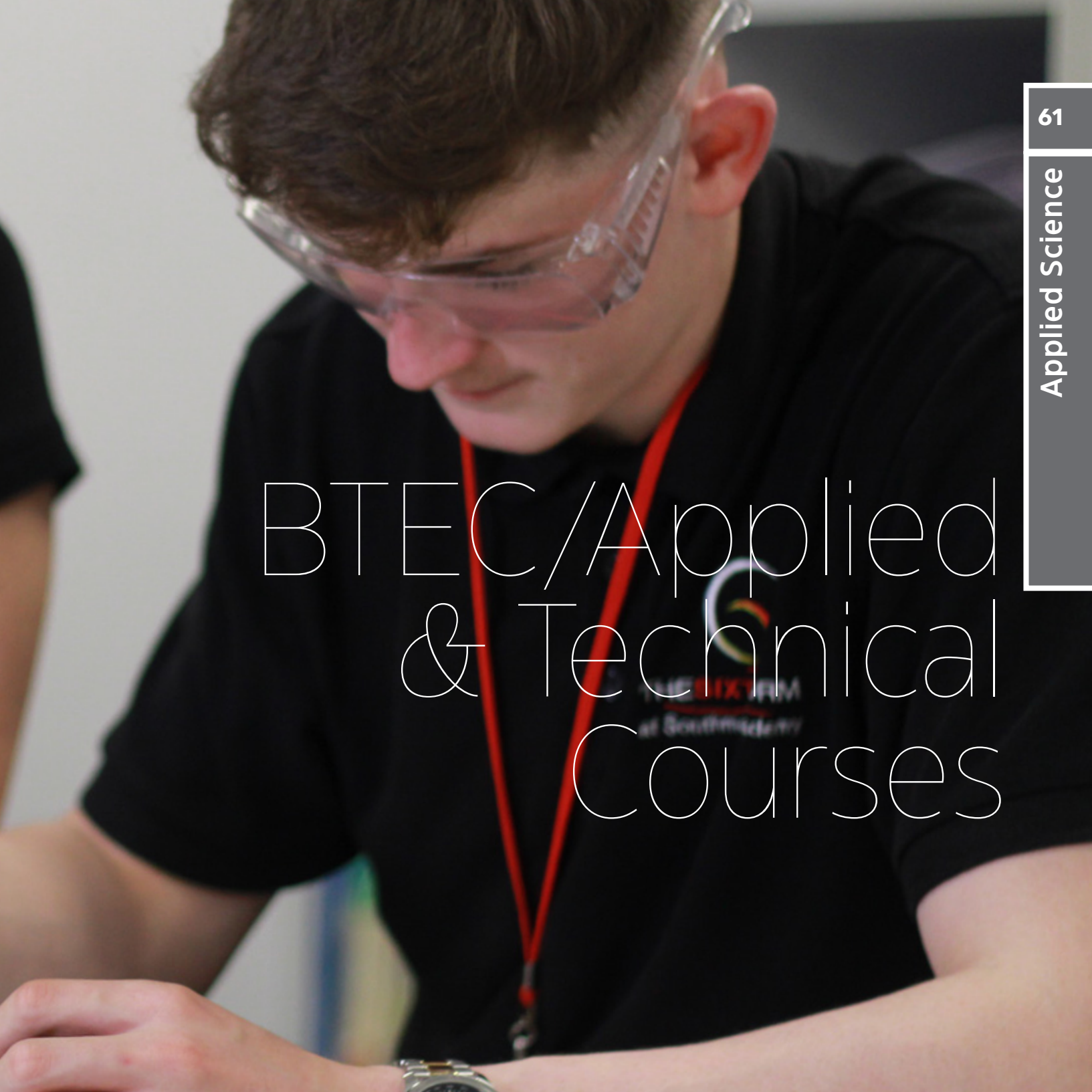
Unit 1: Education with Theory and Methods

Unit 2: Topics in Sociology

Unit 3: Crime and Deviance with Theory and Methods Units

The assessment for the A level will come from 3 external examinations at the end of Year 13.



A young man with short brown hair is wearing clear safety goggles and a black t-shirt. He is looking down, focused on his work. The t-shirt has a logo that says "THE SIXTH FORM at Southmead" with a colorful circular graphic above it. A red lanyard is around his neck. The background is a plain, light-colored wall.

BTEC/Applied & Technical Courses



Applied Science

This course enables students who have studied on the combined GCSE route to further advance their knowledge and understanding of the scientific principles associated with the application of biology, chemistry and physics, they will also study experimental and practical techniques associated with applied science and the roles and skills of scientists, and the public and media perception of science.

This qualification is supported by a range of universities, and taken alongside other qualifications it can fulfil the entry requirements for a number of science-related higher education courses, including biomedical, forensic and sports science, as well as nursing. In addition, the qualification is eligible for UCAS points.

Entry Requirements

Grade 5 in 2 GCSE Science subjects or Grade 5-5 in Science (Combined) and Grade 5 at GCSE Mathematics

Level 3 Certificate in Applied Science Year 1

- ▶ Key concepts in Science - Written Examination
- ▶ Applied experimental techniques - Portfolio of work
- ▶ Science in the modern world - Written Examination with pre-release materials

Level 3 Extended Certificate in Applied Science Year 2

- | | |
|--|---|
| ▶ Key concepts in Science - Written examination | ▶ Investigating Science - Portfolio of work |
| ▶ Applied experimental techniques - Portfolio of work | ▶ Microbiology - Portfolio of work |
| ▶ Science in the modern world - Written examination with pre-release materials | ▶ Medical physics - Portfolio of work |
| ▶ The human body - Written examination | ▶ Organic chemistry - Portfolio |

Core Maths

Core Maths is aimed at students who want to keep up their valuable maths skills but are not planning to take A Level Mathematics. At the end of the course, you will come out with a Level 3 Qualification in either Quantitative Problem Solving or Quantitative Reasoning, which is assessed by final examination, and is similar to an AS Level.

Core Maths has been designed to maintain and develop real-life maths skills. The material studied is not purely theoretical or abstract but can be applied on a day-to-day basis in work, study or life. It will also help with other A-Level subjects, in particular Science, Geography, Business Studies, Psychology and Economics.

Core Maths would be the perfect qualification for students with a grade 6 at GCSE, who will struggle with the pace of A Level maths, but will relish the opportunity to continue to develop their mathematical skills and knowledge and learn more of their applications to everyday life.

Entry Requirements

Grade 5 in GCSE Mathematics

Course Content

- ▶ Quantitative Problem Solving
- ▶ Statistical Problem Solving
- ▶ Critical Maths





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(Total 13 marks)

Engineering

Engineering is the branch of science and technology concerned with the design, building, and use of engines, machines, and structures. It involves the use of techniques and processes used to engineer a solution to a particular problem.

Entry Requirements

Grade 4 preferably including English Language, Grade 5 in Mathematics and a Grade 5 Product Design or related GCSE

Course Year 1

Unit 1: Engineering Principles.

- ▶ Apply mathematical and physical science principles to solve electrical-, electronic- and mechanical-based engineering problems. Two hour externally set written exam.

Unit 2: Delivery of Engineering Processes Safely as a Team.

- ▶ Explore how processes are undertaken by teams to create engineered products or to deliver engineering services safely. Internally set series of tasks.

Course Year 2

Unit 3: Engineering Product Design and Manufacture.

- ▶ A task externally set and marked, and completed under supervised conditions.

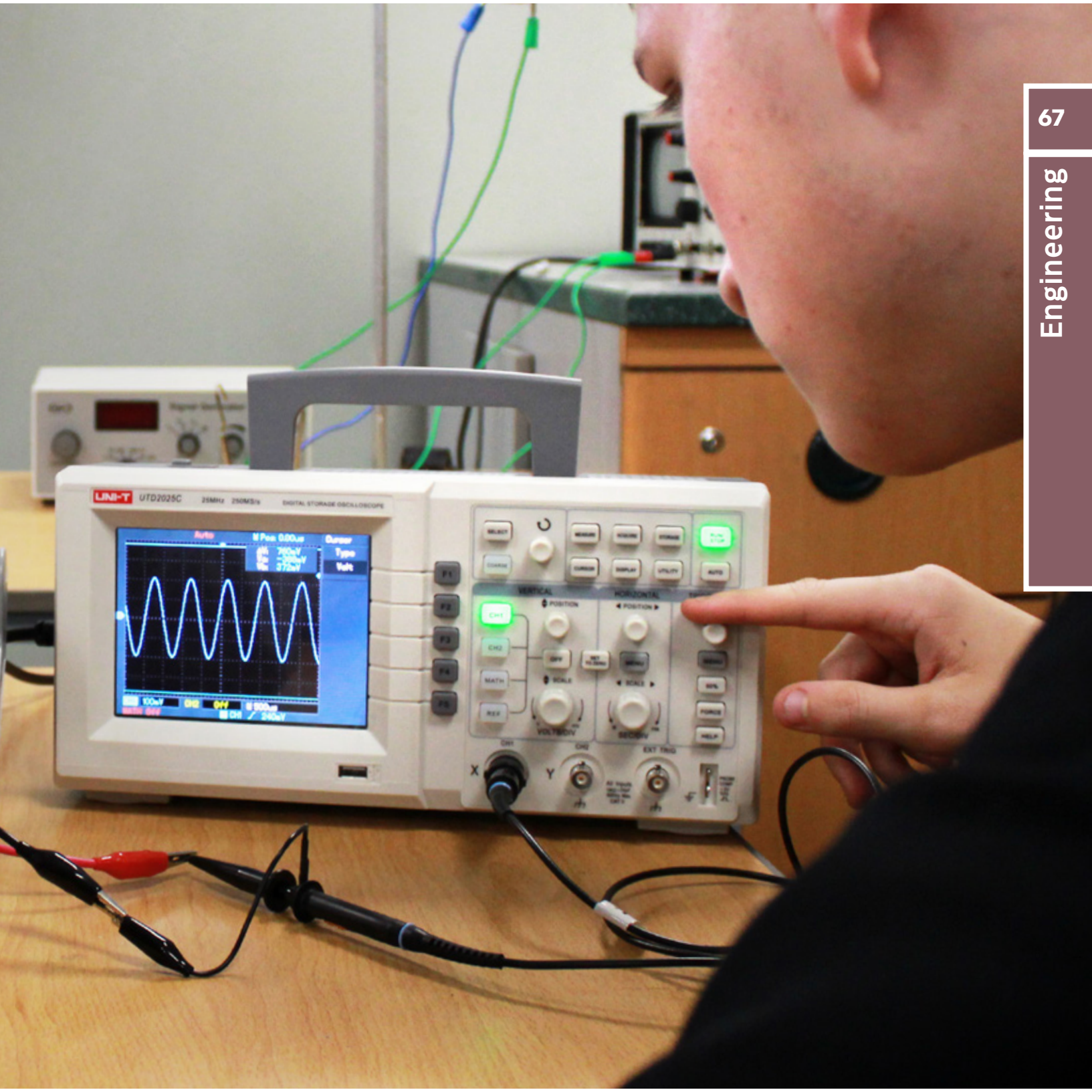
Optional Unit.

- ▶ Internally set series of tasks.

Bart Szykowski Dis A A*

Bart is now studying Automotive Engineering at Newcastle University





Health & Social Care

Health and Social Care represents one of the biggest sectors for potential employment in the North East, and with 100% A/A* last year, our students are perfectly placed to take advantage of this. You will learn a huge range of skills, and equip yourself for degree level study in fields ranging from Nursing and Midwifery to Primary Education. We offer two possible routes in Health and Social Care.

The Extended Certificate is the equivalent of an A-level, and should be taken alongside two other subjects. The Extended Diploma is the equivalent of 3 A levels, and is taken on its own. For both, you will follow a combination internally coursework assessed units and external examined units. This qualification is graded Pass, Merit, Distinction, Distinction*.

Entry Requirements

You must have at least a grade 5 in GCSE English. You must also have good essay writing and time management skills

OCR Level 3 Cambridge Technical Extended Certificate

The Technical Level 3 Extended Certificate in Health and Social Care shares six units, and provides direct progression to apprenticeships, university and employment.

You will study 4 mandatory units:

- ▶ Building positive relationships in health and social care

- ▶ Equality, diversity and rights in health and social care
- ▶ Health, safety and security in health and social care
- ▶ Anatomy and physiology for health and social care

Plus an additional two units from a selection of optional units.

Level 3 Extended Certificate in Applied Science (Year 13):

The Technical Level 3 Extended Diploma in Health & Social Care shares 18 units, and provides direct progression to apprenticeships, university and employment.

You will study 10 mandatory units:

- ▶ Building positive relationships in health and social care
- ▶ Equality, diversity and rights in health and social care
- ▶ Health, safety and security in health and social care
- ▶ Anatomy and physiology for health and social care

- ▶ Infection control
- ▶ Personalisation and a person-centred approach to care
- ▶ Safeguarding
- ▶ Promote positive behaviour
- ▶ The impact of long-term physiological conditions
- ▶ Research methods in health, social care and childcare

Plus an additional eight units from a selection of optional units.





Luke Laws

Luke has gone to America to take up a Tennis Scholarship at Wayne State University



Sport

This qualification builds on the student's experience from Key Stage 4 who have an interest in studying sport, leisure or fitness. The course content is designed to follow on from GCSE Physical Education or an equivalent vocational qualification enabling a smooth transition from one to the other, although it is not a requirement to have studied physical education or sport at Key Stage 4. This qualification is not just about being able to play sport; it will provide learners with the skills, knowledge and understanding to progress into Higher Education on a sport-related programme such as Sport and Physical Education, Sport Science, Sport Coaching and Development or Sport and Leisure Management.

Students will gain an understanding of sport in the wider contexts of coaching and leadership, anatomy and physiology, the body's short - and long-term responses to physical activity and the framework of sport in the UK and the organisations involved.

Entry Requirements

GCSEs at Grade 4 preferably including GCSE Mathematics, English Language and Science. It is recommended that you have successfully studied GCSE or BTEC PE or equivalent in Key Stage 4 at Grade 4.

Course Content

- ▶ **Unit 1:** Body systems & the effects of physical activity
- ▶ **Unit 2:** Sports coaching and activity leadership
- ▶ **Unit 3:** Sports organisation and development
- ▶ **Unit 17:** Sports injuries and rehabilitation
- ▶ **Unit 18:** Practical skills in sport and physical activities



A Final Message from the Team

More than anything else, our passion lies in customising the Sixth Form experience for every student. At the Sixth Form, we believe in a flexible, individual approach, listening to students and engaging them with one to one support.

We are a real community, and the heart of that community is our staff's commitment to helping every student meet life's situations and achieve their target grades, fulfilling their potential.. We give them the strength, resilience and tools to face the challenges ahead - building the future they aspire to.



THESIXTHFORM
at Southmoor Academy

The Sixth Form at Southmoor Academy

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