A PERSONALISED APPROACH TO
ACADEMIC SUCCESS.

STOKESLEY SIXTH FORM

PROSPECTUS

2022/23

Stokesley Sixth Form College
Being the best we can be

Part of:
Areté Learning Trust
Being the best we can be

CONTENT

“Staff have high expectations of the students they teach and care for.”

OFSTED **2018**

www.stokesleyschool.org

WELCOME

Welcome to our sixth form prospectus which gives a small insight into our fantastic post-16 provision here at Stokesley School.

We have always enjoyed a positive reputation in the local community and our recent Ofsted inspection in 2018 also judged the sixth form 'good' stating that 'relationships are strong in the sixth form. Staff have high expectations of the students they teach and care for. Such high expectations benefit students, as they motivate them to be their very best and aspire to leave the sixth form to be makers of change in society.' This encapsulates what makes our sixth form so special: not only do we have a long tradition of academic success and sending students to top universities, we also prepare our students for life. They have a wealth of opportunities to be student leaders and ambassadors; savvy students recognise that being part of a sixth form attached to a school gives them a chance to mentor and lead that stands them apart from the rest when it comes to competing for university places and securing the best employment opportunities.

We are proud of our inclusive and personal approach, and how we couple that with academic rigour. We sincerely hope you want to join us to be part of what makes us so great.

MRS H. **MILLETT**
HEAD TEACHER

SCAN ME

I joined Stokesley school as head of maths in 2009 and one of the main things that drew me to Stokesley was the success of the sixth form and the fantastic reputation it has held for a long time. We are very proud of our sixth form here at Stokesley and I am very proud to now be leading it. That reputation in the local community has been earned over many years of outstanding academic achievement. For example, looking at the last set of external examinations in 2019, Stokesley ranks first amongst local colleges and sixth forms in many different headline measures*, including: average grade per entry; average point score per student and the proportion of students achieving at least AAB, including two facilitating subjects, those subjects that are recognised as being able to open doors to study at the most prestigious universities. In the latter measure, our proportion of 29% of students achieving those grades in those subjects is almost 65% higher than the second place institution. These figures have continued to improve since 2019 too. This is a big factor in the great success we have in our students' successful applications to the most demanding universities and degree courses, including Oxbridge, Medicine, Veterinary science and Dentistry, as well as degrees at other Russell Group universities.

We do have a mainly academic offer of traditional A Level subjects, but we have widened that offer considerably in the last few years using our partner trust schools to collaborate on joint delivery of courses, with a particular focus on level 3 vocational subjects. We now have the right courses on offer for the majority of Y11 students looking to continue their education post 16. In the last two years, we have started to offer A levels in law, sociology and politics, as well as Level 3 certificates equivalent to an A Level in applied science and business studies.

You can see the full range of courses on offer and read about them in more detail in the rest of this prospectus, including links to videos of our subject teachers talking about the courses we offer. We hope that you find this information useful and look forward to welcoming you to Stokesley sixth form in September.

**data available to view on DfE performance tables website at this link*
https://www.compare-school-performance.service.gov.uk/

MR **R. MCGREAL**
SENIOR ASSISTANT HEADTEACHER

SCAN ME

We pride ourselves on our personalised approach to supporting each individual student as best we can.

Our staff view building good relationships with everybody as a priority - we have existing good working relationships with our students that are built on further when they remain in our school community.

Student surveys consistently show that our sixth formers acknowledge and really value the support they receive from their teachers and tutors.

They feel that this has not only helped them to bridge the gap between GCSE and A level study, it has also had a significant positive effect upon their academic progress and their sixth form experience generally.

They welcome the structures we have in place for our younger students to support any special needs and services they may need to call upon.

We welcome both year 11 Stokesley School leavers, as well as students from outside of the area and the friendships that form are a strong feature of our college culture

One of the advantages of a sixth form college of this scale is that we get to know each individual student well, nurturing a real sense of mutual respect, support and purpose amongst our students.

It is a privilege each year to observe our sixth form students mature into very capable young adults, with our tutor time programme designed to help them be ready for the world beyond Stokesley, ready to face the challenges ahead, and take their next steps toward fulfilling their ambitions.

We hope that this prospectus has given you a greater understanding about what to expect as a student in our sixth form, and we very much hope you will join us next September.

MRS J. JEAL
HEAD OF SIXTH FORM

SCAN ME

ONLINE LEARNING

Being part of the Arête trust has made it possible to collaborate with the other schools to widen our curriculum offer by having courses delivered across more than one school. The pandemic has taught us a great deal about delivering great lessons online, and we've used what we learnt worked best to design a delivery method that ensures these lessons are taught in the same way they would be face to face, using the technology available to support this. This has allowed us to run courses that wouldn't be viable and give a broader choice to our students.

The courses currently on offer across the trust include law, applied science and applied business (all delivered by Northallerton staff), further maths, economics and sociology (all delivered by Stokesley staff) and MFL (jointly delivered by Richmond and Stokesley staff). Students in the host school attend the lesson in the room with the teacher, students in the other schools are timetabled into a classroom in their school and join the lesson remotely, using a chromebook or similar device. Students are expected to have cameras on throughout the lessons so that the teacher delivering the lesson can see them, and they will be expected to be an active part of any discussion. Work will be set using google classroom, with completed work uploaded so the teacher can give feedback and help students improve.

SCAN ME


KESLEY SIXTH FORM

COURSES 2022

Did you know... in the last set of external examinations, 29% of our students achieved at least AAB in two or more facilitating subjects (those required by the most prestigious universities), the next best of any college or sixth form in a 20 mile radius was 17%?

SCAN ME

A LEVEL

BIOLOGY

ENTRY REQUIREMENTS:

Entry Requirements Students should have a minimum of 5 grade 4 passes including English and Maths. A grade 6 in maths, biology and chemistry (or double science) GCSE is preferred.

AIMS OF THE COURSE

- Develop essential knowledge and understanding of different areas of biology and how they relate to each other
- Develop and demonstrate a deep appreciation of the skills, knowledge and understanding of scientific methods
- Develop competence and confidence in a variety of practical, mathematical and problem-solving skills
- Understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society

CONTENT

Year 1

1. Biological molecules
2. Cells
3. Organisms exchange substances with their environment
4. Genetic information, variation and relationships between organisms

Year 2

5. Energy transfers in and between organisms
6. How organisms respond to changes in their internal and external environments
7. Genetics, populations, evolution and ecosystems
8. The control of gene expression

ASSESSMENT

There are two components to assessment - practical endorsement which is teacher assessed throughout the course.

The course content is assessed by three 2 hour written examinations at the end of year 13. These are mostly short answer questions with one essay.

PROGRESSION

A level Biology is a highly respected academic A level and it makes an excellent choice, offering you access to a wide range of university courses and careers. You'll need biology for most degrees in medicine, biology, biomedical sciences, dentistry, dietetics, physiotherapy, orthoptics and veterinary medicine. In addition it offers transferable skills such as data analysis and practical work which are useful in many other fields.

SCAN ME

A LEVEL

CHEMISTRY

ENTRY REQUIREMENTS:

Students should have a minimum of 5 grade 4 passes including English and Maths. A grade 6 in maths, biology, physics and chemistry (or double science) GCSE are preferred.

AIMS OF THE COURSE

- Develop essential knowledge and understanding of the fundamental concepts of chemistry and build understanding contextually, using everyday examples
- Develop and demonstrate a deep appreciation of the skills, knowledge and understanding of scientific methods
- Develop competence and confidence in a variety of practical, mathematical and problem-solving skills
- Understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society

CONTENT

Year 1

1. The mole
2. Atomic structure, bonding and The Periodic Table
3. Introducing organic chemistry
4. Radiation and matter
5. Equilibria
6. REDOX
7. Acids and Bases
8. Chemistry and Industry

Year 2

Consolidation and building of all of the key chemical ideas

ASSESSMENT

There are two components to assessment - practical endorsement which is teacher assessed throughout the course and examinations at the end of 2 years.

The course content is assessed by three written examinations at the end of year 13, based upon any content covered throughout the course.

These include a multiple-choice paper, short and extended answer questions with a final paper covering practical chemistry.

PROGRESSION

A level Chemistry is a highly respected academic A level and it makes an excellent companion to the other sciences and mathematics, but compliments many others, including geography and psychology. It provides access to a wide range of university courses and careers, but is a requirement for degrees in medicine, chemistry, biochemistry, biomedical sciences, dentistry, dietetics, physiotherapy, orthoptics and veterinary medicine. In addition, it offers transferable skills such as data analysis and practical work which are useful in many other fields.

*NB Please note that it may not be possible to run some courses if we have insufficient applicants.

SCAN ME

A LEVEL

ECONOMICS

ENTRY REQUIREMENTS:

Applicants must have at least 4 GCSE passes at grade 4 and above, including English Language and Mathematics.

Students will be expected to study core maths alongside their three A level choices to support them with the mathematical and statistical elements of the course. However, this will not be necessary for students who have chosen to study mathematics at A level.

AIMS OF THE COURSE

Economics is the study of how scarce resources are allocated. Students will look at these in both a microeconomic and macroeconomic context. Students develop an understanding of Economic models and through sophisticated analysis will be able to predict the impact of changes in individual markets and the Economy as a whole. Students will learn to evaluate government policy relating to specific markets and the economy as a whole. Economics is a topical subject and all topics are looked at in the context of current affairs both domestic and international.

CONTENT

Year 1

- Economic Methodology and the Economic Problem
- Price Determination in a Competitive Market
- The Market Mechanism, Market Failure and Government Intervention
- Individual Economic Decision Making
- The Measurement of Macroeconomic Performance
- How the Macroeconomy Works
- Economic Performance
- Macroeconomic Policy

Year 2

- Production, Costs and Revenues
- Market Structure
- The Labour Market
- Distribution of Income and Wealth
- Financial Markets
- The International Economy

ASSESSMENT

There are three written exam papers, the first covers the microeconomic elements of the course, the second the macroeconomic elements and the third covers all the content of the course. The papers are equally weighted with each worth 33% of the total marks available. Each exam consists of multiple choice, short answer, applied, and essay type questions.

PROGRESSION

Economics is a prestigious and academically demanding subject that will equip students with a set of transferable skills, which can be applied successfully to a range of academic subjects. It is excellent preparation for higher education and good grounding for a career in Law, Accountancy, Economics, Financial Economics, Marketing, Management, Banking, Business, Local and Town Planning, Financial Services, Insurance, Teaching and Journalism.

*NB Please note that it may not be possible to run some courses if we have insufficient applicants.

SCAN ME

A LEVEL

ENGLISH **LANGUAGE**

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language and Mathematics. It is advised that applicants have at least grade 5 in GCSE English Language.

AIMS OF THE COURSE

The course explores language in a range of different ways. Students will explore and analyse written texts from the past (from 1600 onwards) to the present day and consider the changes in how language is used. In addition, students will explore language variations of gender, geography, class and ethnicity as they evaluate the language we use today. Students will be exploring the practical uses of language as well as the theories which have defined and shaped the field of linguistics.

CONTENT

Year 1

· Language change - meanings and representations from 1600 onwards

· Language and gender

· Language and occupation

· Language and region

· World Englishes

Year 2

· Language discourses - attitudes to language

· Child language acquisition - how children learn to speak, read and write

· Language investigation and independent writing

ASSESSMENT

Assessment is by two exam papers at the end of Year 13, worth 40% each. 20% on NEA portfolio (two pieces: 1 language investigation, 1 independent writing with commentary)

PROGRESSION

The course provides a variety of transferable skills such as report writing, independent research, and can be of benefit to anyone wishing to pursue a career which involves working with people i.e. teaching.

The language skills developed as part of this course are also of benefit to those who wish to go on to study marketing, business, law, politics and a wide range of other professions.

SCAN ME

A LEVEL

ENGLISH **LITERATURE**

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language and Literature.

AIMS OF THE COURSE

Students will explore literature from the Elizabethan period to the present day through the lens of two of the most influential genres in the Western literary canon: Tragedy and Crime. While the set texts all fall within this period, students will explore these genres beyond the boundaries of English literature, reaching back to the classical foundations of tragedy in Ancient Greece. Students will also be able to select their own texts for their Non-Examined Assessment, which involves applying a critical theory to a novel and a collection of poetry.

CONTENT

Paper 1
- The History of Tragedy
- Othello
- Tess of the D'Urbervilles/The Poetry of John Keats
- Death of a Salesman

Paper 2
- The History of the Crime Genre
- Atonement
- Brighton Rock
- The Rime of the Ancient Mariner/The Poetry of Crabbe, Browning, and Wilde

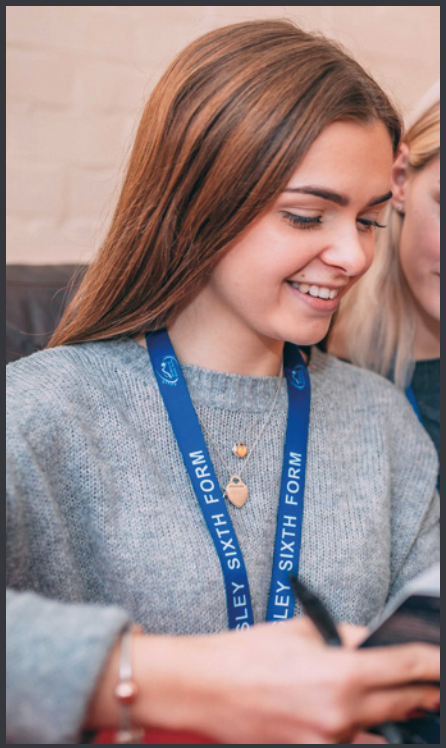
ASSESSMENT

There are two written exams, one on Aspects of Tragedy and one on Elements of Crime Writing. Each paper is worth 40% of the total marks available. The Non-Examined Assessment consists of two 1,500-word essays (one on a collection of poetry, one on a novel) worth a combined 20% of the total marks available.

CAREER PROGRESSION

The course develops a variety of transferable skills such as textual analysis and interpretation, independent research, critical writing, and debating skills. It is of great benefit to anybody wanting to pursue a career directly involving literature, but also for professions which require related skills linked to communication and textual interpretation.

An A Level in English Literature provides the foundation for a wide range of careers, including law, politics, management, marketing and sales, research, media and journalism, publishing, communications technology, and many more.



*NB Please note that it may not be possible to run some courses if we have insufficient applicants.

SCAN ME

A LEVEL

FRENCH

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above including English Language, Mathematics and grade 7 in French.

AIMS OF THE COURSE

To use French in a wide range of situations and acquire a high level of fluency by the end of the course. The topics are really varied to enable you to improve your linguistic ability and include materials relating to different cultures, history and society.

AIMS OF THE COURSE

AQA Core content is studied by all candidates and is worth 50% of the final grade.

This includes:

· Aspects of French-speaking society: current trends

· Aspects of French-speaking society: current issues

· Artistic culture in the French-speaking world.

· Aspects of political life in the French-speaking world

· Grammar specified for A level

Literature and Film

Film - "Entre les Murs"

Novel - "No et Moi"

ASSESSMENT

Core content = 50%

Literature and Film = 20%

Speaking Assessment includes an unplanned discussion of an element of the core content as well as a presentation and discussion relating to an independent research project chosen by the student in Year 12 worth 30% of the overall grade.

PROGRESSION

Jobs which directly relate to a language degree include a career as an interpreter, translator or journalist. Other possible career paths could also include the Diplomatic Service, international law, international aid or the Intelligence Service. Language skills are highly sought after by employers. The Confederation of British Industry estimated that the UK economy loses over £48,000,000,000 per year due to a lack of language skills amongst the British workforce. Take your place in the wider world with an international language!

SCAN ME

A LEVEL

GEOGRAPHY

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language and Mathematics. Although it is not essential that you have a GCSE in Geography, a Grade 5 / 6 in Geography, and/or a Humanity is desirable.

Students will be expected to study core maths alongside their three A level choices to support them with the mathematical and statistical elements of the course. However, this will not be necessary for students who have chosen to study mathematics at A level.

AIMS OF THE COURSE

The course is designed to have a balance between physical and human geography and we draw links between them. You will develop an understanding of the changing world and how different people and processes can impact on these changes.

This is a contemporary, relevant Geography course for the 21st Century. It is designed to address key ideas and debates in our world today such as climate change, globalisation, urban regeneration and management of the world's resources. You will explore a range of issues identifying the key players involved, the actions they have taken as well as possible futures that could be faced.

CONTENT

Year 1
· Tectonic Hazards and Processes

· Coastal Landscapes and Change

· Globalisation

· Regenerating Places

Year 2
· The Water Cycle and Water Insecurity

· The Carbon cycle and Energy Security Superpowers

· Migration, Identity and Sovereignty

ASSESSMENT

There are three exam papers worth 80% of the A Level

Paper 1
Physical: Dynamic Landscapes (30% 105 marks)

Paper 2
Human: Dynamic Places (30% 105 marks)

Paper 3
Synoptic Investigation (20% 70 marks)

Non Examined assessment (20% 70 marks)

You choose a part of the specification that interests you and carry out an investigation into it. It should be approximately 4000 words in total.

PROGRESSION

The course provides a variety of transferable skills such as report writing, independent research, and can be of benefit to anyone wishing to pursue a career which involves working with people i.e. teaching. The course is made up of human and physical topics so you can go on to study Geography arts or science at degree level. Environmental studies and politics are also very popular. It's a course that works well with Biology, Economics or Politics. You could move into jobs working with the environment with the government; for example the Environment Agency or join Non Governmental Organisations like WaterAid. One of our past geographers is working for the Ministry of Defence in London on their mapping teams!

*NB Please note that it may not be possible to run some courses if we have insufficient applicants.

A LEVEL

GERMAN

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above including English Language, Mathematics and grade 7 in German.

AIMS OF THE COURSE

To use German in a wide range of situations and acquire a high level of fluency by the end of the course. The topics are really varied to enable you to improve your linguistic ability and include materials relating to different cultures, history and society.

CONTENT

AQA Core content is studied by all candidates and is worth 50% of the final grade.

This includes:

· Aspects of German-speaking society

· Artistic culture in the German-speaking world.

· Multiculturalism in Geman-speaking society

· Aspects of political life in the German-speaking world

· Grammar specified for A level

ASSESSMENT

Core content = 50%
Literature and Film = 20%

Film - "Das Leben der Anderen"
Novel - "Der Vorleser"

The Speaking Assessment includes an unplanned discussion of a core content theme as well as a presentation and discussion relating to an independent research project chosen by the student in Year 12 worth 30% of the overall grade.

PROGRESSION

Jobs which directly relate to a language degree include a career as an interpreter, translator or journalist. Other possible career paths could also include the Diplomatic Service, international law, international aid or the Intelligence Service. Language skills are highly sought after by employers; The Confederation of British Industry estimated that the UK economy loses over £48,000,000,000 per year due to a lack of language skills amongst the British workforce. Take your place in the wider world with an international language!

SCAN ME

A LEVEL

HISTORY

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including History, English Language and Mathematics.

AIMS OF THE COURSE

History is, at its most ambitious, the study of everything. It is not only about understanding the past, but about how our present has been shaped and what developments will influence our future. Our course has been designed to help students understand the full significance of historical events, the role of individuals in history and the nature of change over time. Our studies will help them to gain a deeper understanding of the past through a wide range of political, social, economic and cultural perspectives. The engaging topics will provide them with the knowledge and skills they require to succeed at A-level and beyond.

CONTENT

Year 1
1D Stuart Britain and the Crisis of Monarchy 1603-49

- Monarchs and Parliaments, 1603–1629: political, economic and religious conflict between the political nation and the Stuart monarchs
- Revolution 1629-1649: the slide to Civil War and the impact of a decade of conflict on England

2R The Cold War 1945-1963

- To the brink of nuclear war: international relations 1945-1963: the superpower rivalry which emerged from WWII, deepened and widened into a global conflict culminating in the Cuban Missile Crisis

Year 2
1D Stuart Britain and the Crisis of Monarchy 1649-1702

- From Republic to restored and limited monarchy, 1649-1678: the failure of republican government and the return to a monarchy albeit limited politically and practically

- Establishment of constitutional monarchy, 1678-1702: the Glorious Revolution and move to a constitutional monarchy; the beginnings of true democracy?

2R The Cold War 1963-1991

- From Detente to the end of the Cold War: from the attempts at reconciliation in the 60s and 70s to the renewed tension of the 80s and eventual collapse of communism.

Component 3: Historical Investigation

- Was the collapse of Tsarism in Russia the result of Russia's participation in the First World War?

ASSESSMENT

Two written exam papers, each containing one 'Extract' question and two essay questions in 2 ½ hours.
One non-examined assessment of no more than 4500 words dealing with the historical investigation.

PROGRESSION

History is a well regarded subject by top universities as a strong subject choice for any degree, particularly those requiring rigorous academic standards. The analytical, communication, problem solving and literacy skills developed by studying History means that a huge range of careers are made available. From accountant to PR manager, barrister to writer, broadcast journalist to marketing executive or even Prime Minister, there are so many careers which benefit from historical skills and understanding.

*NB Please note that it may not be possible to run some courses if we have insufficient applicants.

SCAN ME

A LEVEL

LAW

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including a grade 5 in GCSE English Language.

AIMS OF THE COURSE

It is unlikely that you will have studied Law before, but don't worry; the course is designed to remove any feelings of uncertainty and confusion that may arise from taking a new subject. When you begin A Level Law you will be introduced to the English Legal System as a whole. This will involve looking at how Law is made, who can make Law and how Judges interpret these laws. You will also study the role of legal personnel, including barristers and solicitors as well as the role lay people have in the Law, such as Juries and Magistrates.

CONTENT

- The English legal system and areas of both private and public law within the law of England and Wales
- Legal method and reasoning as used by lawyers and the judiciary to analyse and offer answers to problems, based on legal principles, legislation and case law
- Constructing conclusions and communicating legal arguments by reference to appropriate legal authorities
- Communicate persuasive legal arguments by reference to appropriate legal authorities
- Critical awareness of the influence and operation of the law in society.

ASSESSMENT

AO1: Demonstrate knowledge and understanding of the English legal system and legal rules and principles.

AO2: Apply legal rules and principles to given scenarios in order to present a legal argument using appropriate legal terminology.

AO3: Analyse and evaluate legal rules, principles, concepts and issues.

PROGRESSION

By learning about legal rules and how and why they apply to real life, students also develop their decision making, critical thinking and problem-solving skills. All these skills are highly sought after by higher education and employers. As such, Law provides an excellent background for university and careers not only in law, but also in journalism, local and central government, public relations, teaching, and a range of management and business areas.

SCAN ME

A LEVEL

MATHEMATICS

ENTRY REQUIREMENTS:

For entrance onto this course you will need at least 5 GCSE passes (grades 4-9) including a GCSE grade 7 or above in Mathematics. However, potential candidates with a GCSE grade 6 in Mathematics may be permitted to study the course but will be required to meet with the Head of Mathematics to discuss their options.

AIMS OF THE COURSE

The course encourages students to understand mathematics and mathematical processes in a way that promotes confidence, fosters enjoyment and provides a strong foundation for progress to further study and to employment in a wide range of disciplines. It builds from GCSE level mathematics and introduces calculus and its applications. It emphasises how mathematical ideas are interconnected and how mathematics can be applied to model situations using algebra, to help make sense of data, to understand the physical world and to solve problems in a variety of contexts, including social sciences and business.

Mathematics is a useful if not essential tool in many areas of study, particularly science and can be stimulating and challenging in its own right.

CONTENT

The Mathematics Faculty at Stokesley School offer AQA course (Specification 7357). In common with all other linear A level maths courses, this consists of:

Pure Mathematics
You will be extending your knowledge and skills in topics such as algebra and trigonometry, as well as learning some brand new ideas such as calculus. Although many of the ideas are interesting, they also serve as an important foundation for the other branches of Mathematics.

Mechanics
Mechanics is essentially the mathematics of force and motion. You will learn the technique of mathematical modelling – turning a complicated physical problem into a simpler one that can be analysed and solved using mathematical methods. Many of the ideas you will meet will form an introduction to such modern fields as cybernetics, robotics, biomechanics and sports science, as well as the more traditional ideas of engineering and physics.

Statistics
Statistics involves the extension of ideas of data handling and probability involved in GCSE Mathematics with a view to being able to draw conclusions or answers to questions such as 'Does drug X reduce heart attacks?'. Many of the ideas encountered have applications in a wide variety of fields such as risk analysis or quality assurance on a production line.

ASSESSMENT

The course consists of three elements, all assessed through examinations. There is no coursework. A scientific or graphical calculator is permitted to use in all three exams.

Paper 1: Pure Mathematics
Paper 2: Pure Mathematics & Mechanics
Paper 3: Pure Mathematics & Statistics
The assessment objectives include a greater emphasis on modelling, problem-solving and reasoning, so some questions are likely to be longer with less scaffolding, building on the increase in problem-solving in GCSE Mathematics.

PROGRESSION

An A-Level in Mathematics can enable progression to an extremely wide range of degree courses, depending on subject combinations. Mathematics is essential for many science based courses and Further Mathematics is recommended for many Mathematics / Physics / Engineering degrees.

*NB Please note that it may not be possible to run some courses if we have insufficient applicants.

SCAN ME

A LEVEL

FURTHER MATHEMATICS

ENTRY REQUIREMENTS:

For entrance onto this course you will need at least 5 GCSE passes (grades 4-9) including a GCSE grade 8 or 9 in Mathematics. However, potential candidates with a GCSE grade 7 in Mathematics may be permitted to study the course but will be required to meet with the Head of Mathematics to their discuss options.

AIMS OF THE COURSE

The course has been developed in collaboration with Maths in Education and Industry (MEI). It is designed for students with an enthusiasm for mathematics, many of whom will go on to degrees in mathematics, engineering, the sciences and economics; or to any subject where mathematics is developed further than in A level Mathematics. Further Mathematics B (MEI) is both deeper and broader than A level mathematics. As well as building on algebra and calculus introduced in A level mathematics, the course's core content introduces complex numbers and matrices, fundamental mathematical ideas with wide applications in mathematics, engineering, physical sciences and computing. The non-core content includes different options that can enable students to specialise in areas of mathematics that are particularly relevant to their interests and future aspirations.

A Level Further Mathematics prepares students for further study and employment in highly mathematical disciplines that require knowledge and understanding of sophisticated mathematical ideas and techniques.

CONTENT

The Mathematics Faculty at Stokesley School have chosen the OCR B (MEI) course (Specification H645).

The course consists of:

- **Pure Mathematics** – a common core, comprising half of the course.
- **Mechanics** – comprising about one-sixth of the course.
- **Statistics** – comprising about one-sixth of the course.
- Either extra Mechanics or extra Statistics – comprising the final one-sixth of the course.

Note: we will choose this final part of the course taking into account the interests and future study plans of the students themselves.

ASSESSMENT

The course is examined by 3 examinations at the end of two years of study:

- Paper Y420 : Core Pure Mathematics (2 hours 40 minutes)
- Paper Y421 : Mechanics Major (2 hours 15 minutes) or Y431 : Mechanics Minor (1 hour 15 minutes)
- Paper Y422 : Statistics Major (2 hours 15 minutes) or Y432 : Statistics Minor (1 hour 15 minutes)

There is no coursework. A scientific or graphical calculator is permitted to use in all three exams. There is also the opportunity for students to study the first part of this course (for just one year) and sit an examination in AS level Further Mathematics.

PROGRESSION

An A-Level in Further Mathematics can enable progression to an extremely wide range of degree courses, depending on subject combinations. Mathematics is essential for many science based courses and Further Mathematics is recommended for many Mathematics / Physics / Engineering degrees.

SCAN ME

A LEVEL

PHYSICS

ENTRY REQUIREMENTS:

Students should have a minimum of 5 grade 4 passes including English and Maths. A grade 6 in maths and physics (or double science) GCSE is preferred. It is strongly recommended that students study A Level Mathematics maths alongside A Level Physics to support them with the advanced mathematical and statistical elements of the course. Core Maths is not a sufficient substitute.

AIMS OF THE COURSE

- Develop essential knowledge and understanding of different areas of biology and how they relate to each other
- Develop and demonstrate a deep appreciation of the skills, knowledge and understanding of scientific methods
- Develop competence and confidence in a variety of practical, mathematical and problem solving skills
- Understand how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society

CONTENT

Year 1

1. Measurements and their errors
2. Particles and radiation
3. Waves
4. Mechanics and materials
5. Electricity

Year 2

6. Further mechanics and thermal physics
7. Fields and their consequences
8. Nuclear physics
9. Turning points in physics

ASSESSMENT

There are two components to assessment: teacher-assessed practical endorsement which takes place throughout the course, and three two-hour long examinations taken at the end of the two years of study.

Examination Paper 1 covers Year 1, Paper 2 covers the majority of Year 2, and Paper 3 covers practical skills and the optional unit (Turning points in physics).

PROGRESSION

A level Physics is a highly respected academic A level which can lead to many different university courses and career paths. The most popular courses that A Level Physics students move towards are Mechanical Engineering, Aeronautical Engineering and Physics. Many students move on to work in industry and engineering, but careers in medicine, physical geography and architecture have also proved popular destinations among Physics students.

*NB Please note that it may not be possible to run some courses if we have insufficient applicants.

SCAN ME

A LEVEL

POLITICS

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language/Literature. Although it is not essential a Grade 5 / 6 in a Humanity subject is desirable.

AIMS OF THE COURSE

The course is designed to have a balance between the politics and government of today while understanding the historical context that brought us here both within the UK and globally. You will develop a critical awareness of the changing nature of politics and the relationships between political ideas, institutions and processes; as well as an informed understanding of the influences and interests which have an impact on decisions in government and politics. We will explore the rights and responsibilities of individuals and groups within politics and the factors that influence voters in elections.

We want you to be able to critically analyse, interpret and evaluate political information to form arguments and make judgements.

CONTENT

1. **UK Politics** – You will study political behaviour e.g Voting Behaviour, Pressure Groups and Voting Systems

2. **UK Government** – You will study the institutions of UK Government e.g Parliament, The Executive and the Constitution and how they interact

3. **Political Ideologies** – You will study elements of political thought through Conservatism, Liberalism, Socialism and feminism

4. **Global Politics** – You will study Politics around the world, focusing on relationships between different countries and the role of international organisations.

ASSESSMENT

UK Government and Ideologies – 2 Hours

UK Politics and Ideologies – 2 Hours

Global Politics – 2 Hours

PROGRESSION

The course provides a variety of transferable skills such as report writing, independent research, and can be of benefit to anyone wishing to pursue a career which involves working with people. Studying Politics will develop your understanding of structures of authority and power, how political systems differ, and enable you to interpret, evaluate and comment on the nature of politics and government. You will also develop a range of transferable analytical, debating and communication skills - all of which are valuable in a wide range of careers. It provides an excellent background for careers in law, journalism, the caring professions, teaching, and a range of management and business areas.

SCAN ME

A LEVEL

PRODUCT **DESIGN**

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language and Mathematics.

AIMS OF THE COURSE

This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of design based and technical careers. Students will be required to apply knowledge and understanding of a wide range of materials; including modern and smart materials, and processes used in product design and manufacture. They will be required to develop an understanding of contemporary industrial and commercial practices applied to designing and manufacturing products, and to appreciate the risks involved. Students should have a good working knowledge of health and safety procedures and relevant legislation. Students must have a sound working knowledge of the use of ICT and systems and control, including modern manufacturing processes and systems, and students will be expected to understand how these might be applied in the design and manufacture of products.

Designers from the past provide inspiration for present and future designing. Students should be aware of the important contribution that key historical movements and figures have on modern design thinking. It is increasingly important that students develop an awareness of wider issues in design and technology, that design and technological activities can have a profound impact on the environment and on society and that these, together with sustainability, are key features of design and manufacturing practice.

CONTENT

Year 1

- Materials
- Designing and modelling skills
- Performance and characteristics of Materials
- Processes and Techniques
- Digital Technologies
- Factors influencing Products
- Effects of Technological Developments
- Potential Hazards and Risks

Year 2

- Features of Manufacturing Industry
- Design for Maintenance and Environment
- Current Legislation
- Information, Modelling and Planning
- Further Processes and Techniques

ASSESSMENT

The Pearson Edexcel Level 3 Advanced GCE in Design and Technology (Product Design) consists of one externally-examined paper and one non-examined assessment component. Both of these units are worth 50%. You will cover 14 topics throughout the two years linked to the key principles of design and technology to help you in your final 2 hour exam. You will also produce a comprehensive NEA design and make task of your own choosing, allowing you to channel your own interests in the subject. You are also expected to find a client or company to work with when completing your NEA. Maths skills are also fundamental to design and technology. These will be embedded within the examination for this qualification. A Pearson A level Revision guide is also available to purchase.

PROGRESSION

This course can lead to a wide variety of career opportunities including; publishing, ICT, advertising, architecture, public works, building, animation, as well as production /manufacturing. Alternatively, this qualification can provide access to a number of university and college courses.

SCAN ME

A LEVEL

PHYSICAL EDUCATION

ENTRY REQUIREMENTS:

Students should have 5 GCSE passes at grade 4 or above including English Language and Mathematics, with a minimum of Grade 6 in GCSE PE and at least a grade 4 for science.

AIMS OF THE COURSE

The course aims to help students optimise their own performance as a sportsman or sportswoman by addressing a variety of sports related to concepts and issues that have a direct influence on sporting performance.

CONTENT

This qualification is linear so students will sit all their exams and submit all their non-exam assessment at the end of the course, which is two years. Areas covered include;

· Applied anatomy and physiology

· Skill acquisition

· Sport and society
· Exercise physiology

· Biomechanical movement

· Sport psychology

· Sport and society and the role of technology in physical activity and sport.

ASSESSMENT

There are two written exam papers and a non-exam assessment which will be a practical performance in a fully competitive physical activity or sport, along with a written analysis of performance.

Paper 1:
Factors affecting participation in physical activity and sport

Paper 2:
Factors affecting optimal performance in physical activity and sport

Both papers will be assessed through a written exam which will last for 2 hours and worth the same weighting

Paper 1 = 105 marks

Paper 2 = 105 marks

Paper 1 = 35% of A-level

Paper 2 = 35% of A-level

Non-exam assessment:
Practical performance in physical activity and sport

Internal assessment, external moderation A written analysis and evaluation of your sport

· 90 marks

· 30% of A-level

PROGRESSION

The course is complemented by psychology and the sciences. It offers progression to students wishing to study sports science, physiotherapy, teaching, coaching or careers in the forces.

A LEVEL

PSYCHOLOGY

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language and Mathematics. It is also desirable that students have GCSE science at grade 4 or above as the course content is very science based.

Students will be expected to study core maths alongside their three A level choices to support them with the mathematical and statistical elements of the course. However, this will not be necessary for students who have chosen to study mathematics at A level.

AIMS OF THE COURSE

Students are made aware of the emergence of psychology as a science and the diversity of human behaviour. The course covers a wide range of psychological research methods and topics providing a depth of understanding of human behaviour, the development of psychological therapies as well as interventions to prevent the onset or progression of psychological illnesses.

Students will also learn how to evaluate the validity of psychological research as well as design and carry out their own research.

Considerable emphasis is placed upon the way in which psychology is applied in the real world, including the development of therapies to help improve the lives of those who experience mental health difficulties.

CONTENT

Year 1

- Memory and forgetting
- Human attachment
- Social Influence including theories of conformity and obedience
- Psychopathology - depression, OCD and phobias
- Approaches in Psychology
- Research methods

Year 2

- Biopsychology
- Schizophrenia
- Gender
- Forensic Psychology
- Issues & Debates

ASSESSMENT

There are three written exam papers covering the content and research methods elements of the syllabus. The papers are equally weighted with each worth 33% of the total marks available. Each exam consists of multiple choice, short answer, applied, and essay type questions.

PROGRESSION

The course provides a variety of transferable skills such as report writing, independent research, and can be of benefit to anyone wishing to pursue a career which involves working with people i.e. teaching.

Psychology can lead to a wide range of professions including: counselling, sport psychology, child psychology, occupational psychology, forensic psychology, ,recruitment, environmental psychology, advertising, clinical psychology, educational psychology, animal psychology and many more.

SCAN ME

A LEVEL

SOCIOLOGY

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above. A grade 5 or above in GCSE English Language would be advantageous.

AIMS OF THE COURSE

Sociology is the scientific study of human behaviour, social groups and society. The study of sociology helps us to look more objectively at problems that confront our society, and enriches students with the skills and knowledge needed for future employment within an increasingly diverse world. It also helps develop a wide range of skills that can be taken into future academic study, including the ability to conduct research, to think critically, and present arguments.

CONTENT

Year 1:
- Education
- Research Methods with Methods in context
- Families and Households

Year 2:
- The Media
- Crime and Deviance
- Theory and Methods

ASSESSMENT

There are three written exams, each 2 hours long. These contain a combination of short answer questions and extended writing.

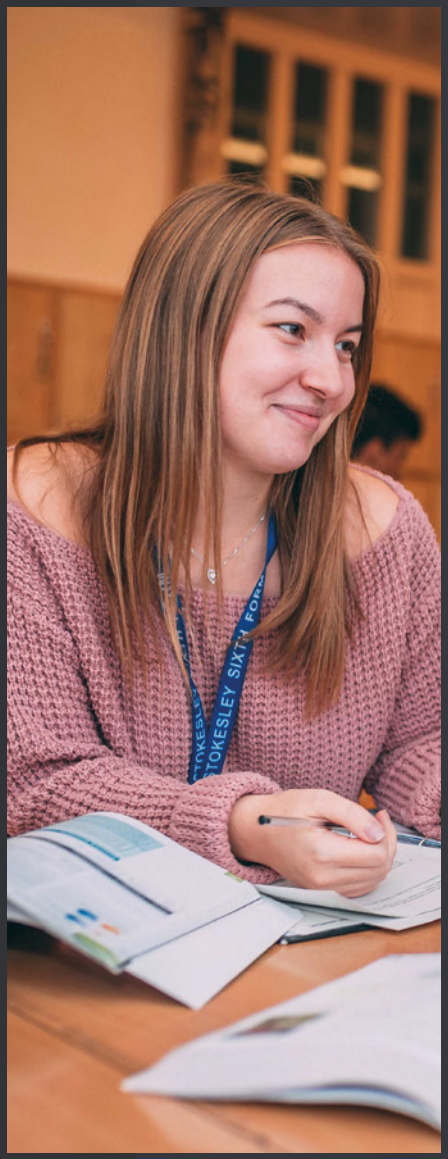
Paper 1: Education with Theory and Methods - 33.3% of A level

Paper 2: Topics in Sociology - 33.3% of A level

Paper 3: Crime and Deviance with Theory and Methods - 33.3% of A level

PROGRESSION

Sociology provides an excellent basis to study a range of subjects such as social sciences, history, humanities, politics, geography, psychology at university. It also offers a sound basis for career paths including Law, politics, criminology (including police work and probation), social research, youth work, social work, nursing and teaching, to name but a few.




STOKESLEY SIXTH FO
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OTHER LEVEL 3 COURSES

In recent years we have extended our curriculum offer to include level 3 vocational courses which are taken alongside and are equivalent to students' chosen A Levels. The EPQ and Mathematical Studies are additional qualifications taken alongside three full A Levels or equivalent, and are worth the equivalent of an AS level (half that of a full A Level).

- **Our average points score per student is the highest of any college or sixth form in a 10 mile radius and significantly higher than the national average.**

- **36% of our grades were A* or A - 10% above the national average.**

SCAN ME

OCR CAMBRIDGE TECHNICALS LEVEL 3 EXTENDED CERTIFICATE

APPLIED SCIENCE

ENTRY REQUIREMENTS:

For entrance onto this course you will need a minimum of trilogy science grade 4/5 or above and four other GCSEs including Maths and English Language grade 4 or above.

UCAS POINTS

The course carries equivalent weighting to one A-level
Distinction* = 56 UCAS points
Distinction = 48 UCAS points
Merit = 32 UCAS points
Pass = 16 UCAS points

AIMS OF THE COURSE

This course will allow you to apply your skills, knowledge and understanding to tasks and activities linked to science in industry. You will develop scientific principles and practical techniques to enable you to carry out experiments safely and accurately, and evaluate analytical techniques in order to improve the quality and collection of data. Over the course of the two years you will gain confidence in many areas including team work, independent enquiry and time management.

CONTENT

There are 5 units of study over the 2 year course across all three disciplines of science, biology, chemistry and physics.

Unit 1 Science fundamentals
Unit 2 Laboratory techniques.
Unit 6 Control of hazards in the laboratory.
Unit 18 Microbiology.
Unit 21 Product testing techniques.

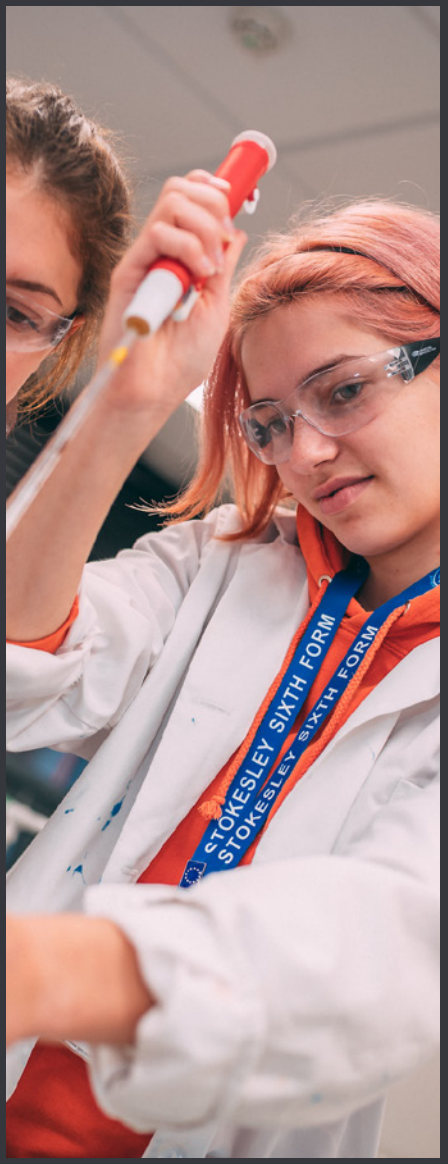
ASSESSMENT

Units 1 and 2 are assessed through external examinations

Units 6, 18 and 21 are assessed through internal coursework, which is also internally and externally moderated and verified.

PROGRESSION

This course offers the opportunity to enter higher education in many fields e.g Laboratory scientist, paediatric and adult nursing, criminology, radiology, teaching and sports science.



SCAN ME

OCR

BUSINESS STUDIES

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language and Mathematics.

AIMS OF THE COURSE

You will study five units in Year 12 and three in Year 13.

Year 12
The business environment and customers and communication.

Year 13
Working in business, human resources and international business.

ASSESSMENT

The business environment and working in business are externally assessed. The other units are assessed internally and externally moderated in the summer term.

PROGRESSION

The course is equivalent to one A Level and will allow you to further your studies in business or a related area. It can be combined with other A Level subjects for study at higher education. Additionally the skills and knowledge obtained will provide a sound basis for employment in a business related profession.

EXTENDED PROJECT QUALIFICATION

EPQ

ENTRY REQUIREMENTS:

Applicants must have at least 5 GCSE passes at grade 4 and above, including English Language and Mathematics. It is highly desirable for applicants to have a strong pass in English Language.

AIMS OF THE COURSE

Students will work independently to produce a 5,000-word researched report or an artefact accompanied by a 1,000-word. They will be supported by a taught course that covers the skills required to complete the project and assigned a supervisor to help them develop the research and production of their report/artefact. Overall, the aim of the course is for students to explore an area of study that interests them and to acquire and demonstrate a wide range of capabilities that will prepare them for further study and the world of work.

CONTENT

Taught course will cover:

- Choosing a topic
- Time management
- Research Skills
- Collecting and Analysing Data
- Conducting Research
- Research methodology
- Referencing
- Academic writing
- Presentation Skills
- Reflection and Evaluation

ASSESSMENT

The EPQ is graded on the same A*-E scale as an A Level and counts for half the UCAS points of a full A Level. Students will be assessed on their 5,000-word report; a Production Log kept across the course; and a presentation to an audience of non-specialists.

PROGRESSION

The EPQ allows students to explore an area of study that is of interest to them and potentially one that fits in with their future career aspirations. The skills that students will demonstrate and develop as part of the EPQ are highly desirable for a wide range of careers in the public and private sectors, and can help prepare students for the demands of independent academic study at University.

SCAN ME

(CORE MATHS) LEVEL 3

MATHEMATICAL **STUDIES**

ENTRY REQUIREMENTS:

For entrance onto this course you will need at least 5 GCSE passes (grades 4-9) including a GCSE grade 4 or above in Mathematics.

AIMS OF THE COURSE

Studying Mathematical studies helps students develop their quantitative and problem-solving skills. This is valuable preparation for the quantitative skills they will need for many A Level/degree courses, particularly subjects such as psychology, business-related courses, sports and social sciences, as well as natural science courses that do not require A-Level Mathematics.

CONTENT

The Mathematics Faculty at Stokesley School follow the AQA course (Specification 1350).

There are two routes to choose from. The route followed is determined each year by the needs of the students in terms of the mathematical requirements of their chosen A level courses.

Compulsory content (on both courses)
· Analysis of data

· Maths for personal finance

· Estimation

· Critical analysis of given data and models

Route 1 - Statistical Techniques
· The normal distribution

· Probabilities and estimation

· Correlation and regression

Route 2 - Graphical Techniques

· Graphical methods

· Rates of change

· Exponential functions

ASSESSMENT

There are two 1 hour 30 minute exams linked to provided preliminary material. Questions are typically more descriptive or text based and require students to mine each question for relevant information so that they can generate an appropriate solution.

The course is 2 hours every week and is delivered over two years.

There is no coursework. A scientific or graphical calculator is allowed in both exams.

PROGRESSION

Many universities have shown their support for mathematical studies, as students having followed this course develop considerable analytical and mathematical skills often required at undergraduate level.

SUPPORT

Our tutor time programme is a big feature of our sixth form. A key feature of this is our Life curriculum, which continues from the main school and is aimed at preparing our Y12 and Y13 students for life at university and beyond. We also offer support in many areas such as:

- Health & Wellbeing Support Services
- Careers Guidance
- University Applications
- Bursary and Financial Support for Eligible Students
- Learning Support
- Oxbridge Application
- Bespoke support for students applying for medicine, veterinary science or dentistry

SCAN ME

"Outcomes are a strength of the provision, and the teaching students receive is highly effective."

OFSTED **2018**

FACILITIES

- Separate purpose built sixth form building, fully refurbished in 2021.
- Access to two study areas as well as our main Open Learning Centre.
- Computer access and use of Chromebooks.
- WIFI Internet access.
- Newly refurbished common room/bistro providing hot and cold food and drinks every day.
- Access to squash courts, gym and swimming pool in the adjoining Leisure Centre.

ENRICHMENT

“Students benefit from a wide range of extra-curricular opportunities, for example working with pupils in the main school as mentors, getting involved in sports teams, drama performances and local community events.”

OFSTED **2018**

VOLUNTEER OPPORTUNITIES

Many of our students take up opportunities offered by the National Citizenship Service as well as within the local community. We also have a wide range of volunteer opportunities within our main school where students may contribute to the school by taking up roles as mentors, teaching assistants, sports leaders, as well as assisting younger students to improve their reading skills as part of our Accelerated Reading Programme.

ORGANISING FUNDRAISING EVENTS

Each year our sixth form students organise a number of charitable events, raising money for charities such as Children in Need and Comic Relief amongst others.

All students are encouraged to assist in some form of charity work.

STUDENT LEADERSHIP MEMBERSHIP

Students are encouraged to affect positive change by joining our Student leadership team which enables them to develop their leadership skills.

CAREER & UNIVERSITY TASTER DAYS

These events are regularly featured on our Sixth Form News bulletins which are updated daily by our Careers Leader.

GUEST SPEAKERS

We invite a number of speakers into college each year from universities, the volunteer sector, industry, members of our own Alumni, as well as other professional bodies to talk to our students.

They provide a comprehensive range of inspirational topics to inform and broaden our students' horizons.

VOLUNTEER OPPORTUNITIES

Many of our students take up opportunities offered by the National Citizenship Service as well as within the local community. We also have a wide range of volunteer opportunities within our main school where students may contribute to the school by taking up roles as mentors, teaching assistants, sports leaders, as well as assisting younger students to improve their reading skills as part of our Accelerated Reading Programme.

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OXBRIDGE PREPARATION EVENTS

These events are arranged annually to ensure our Oxbridge applicants are fully prepared in all areas of the application process.

STUDENT ACTION GROUPS

Many of our students take the opportunity to join various student action groups such as our Environmental Group. Students enjoy introducing new exciting projects each year.

WORK EXPERIENCE

All Year 12 students take up a work experience placement for one week at the end of their first year.

SCAN ME

STOKESLEY SIXTH FORM

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