




Outwood Academy Newbold
Post 16 Prospectus
2023-24



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#OutwoodFamily

Ten Reasons to Join Outwood Academy Newbold for Post 16

- Supportive and Experienced Teaching Staff
- A Culture of High Standards and Ambitions
- Excellent Pastoral Care
- Oxbridge Access Routes and Support
- Small Class Sizes
- A Guidance Program to Develop Life Skills
- Cafe in the P16 Common Room
- Work Experience
- Bespoke Careers Advice
- Ability to Reach Your True Potential

Welcome to Outwood Academy Newbold Post 16

Students first, raising standards and transforming lives.

The Post 16 at Outwood Academy Newbold provides a great education with unrivalled opportunities and experiences for personal growth. It builds on the success of Key Stage 4 to develop high level life-long learning skills including: collaboration, resilience, reliance and independence. For students aiming to secure the highest possible A-level qualification, its studious ethos and relentless focus on personal development means everyone is able to excel, securing grades that reflect the talents they have, the knowledge they've gained, and sets them on the path to the future they deserve.

GREAT RESULTS

The determination of our students over the last few years or so has been nothing short of inspirational. Despite the additional challenges, they have continued to engage positively with their studies. We are extremely proud of their achievements. In the summer of 2023 students achieved an overall pass rate of 94.8% where 60.8% of grades were A*-C.

OUTSTANDING PROGRESSION

As in previous years, the majority of our students continued with their education having gained a place at university. We also saw a rise in the percentage of students who were successful in gaining an Apprenticeship or full time employment. This is a reflection of their hard work and dedication during their time as Post 16 students.

GOOD by OFSTED

In November 2022 Outwood Academy Newbold was awarded 'Good' by Ofsted in every category. Ofsted quotes about Outwood Academy Newbold include:

"Pupils are proud to attend Outwood Academy Newbold. One described how the school had made him 'a better person'. This comment summed up how others feel. "

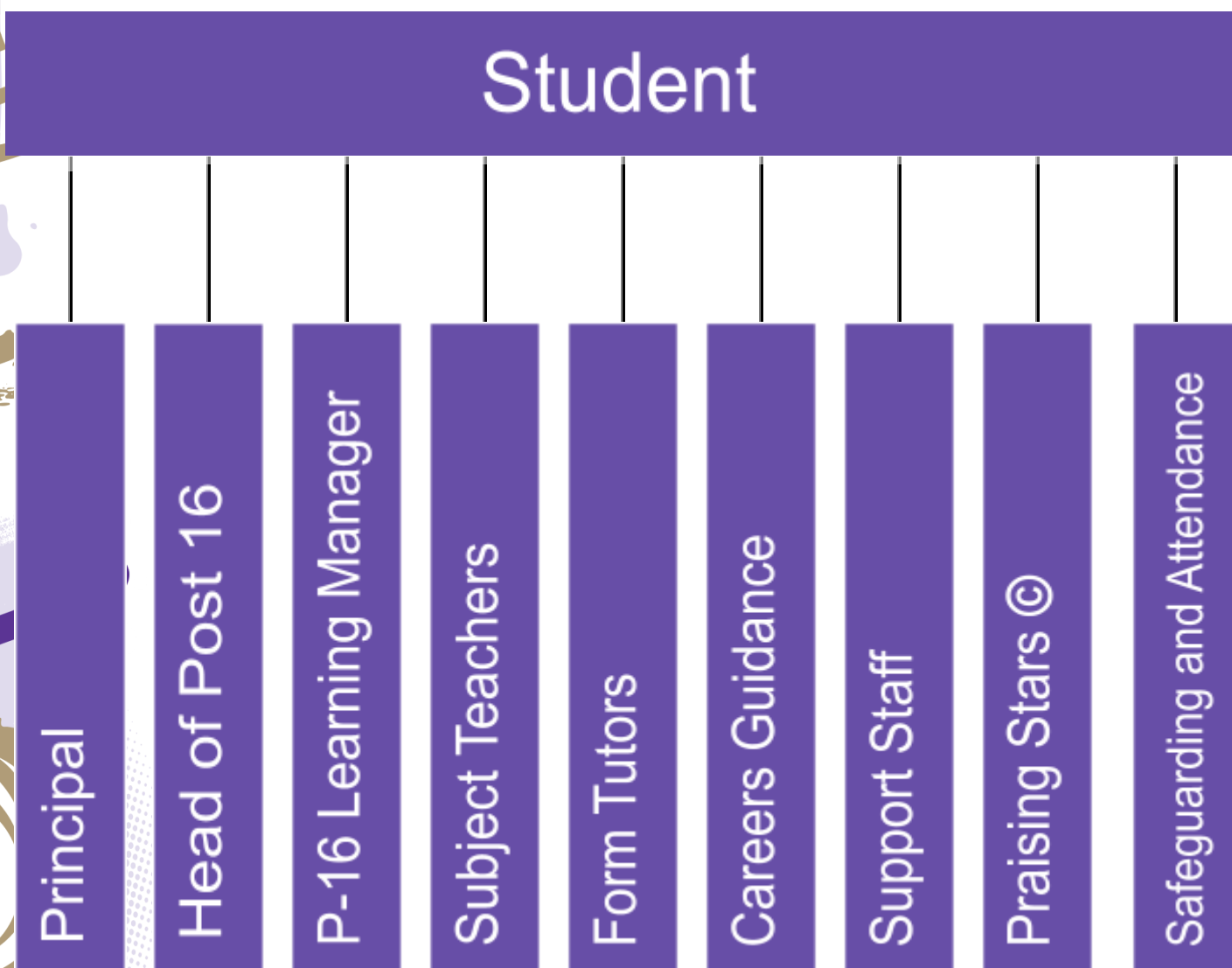
"Students in the sixth form describe their teachers as 'super nice and supportive'. They appreciate the efforts that teachers take to help them. "

"Students explained how leaders have acted on feedback from the student voice groups to improve support for mental health. Students were keen to explain how they have supported each other; for example by creating a playlist of mood-lifting songs."

OUTSTANDING STUDENTS

Regardless of their starting point, we ensure that all students achieve and are given the best possible chances of reaching their goals. Throughout this prospectus students will learn about the subjects we offer to help them make the right choices to start their journey with Outwood Academy Newbold Post 16.

Post 16 Support Network



Student Support and Wellbeing

Outwood Academy Newbold is committed to supporting its students in achieving their full potential, both in terms of qualifications and their future opportunities. We will:

- Care for your son/daughter's safety and happiness.
- Support them to achieve their full potential.
- Provide a balanced curriculum and meet the individual needs of your son/daughter.
- Achieve high standards of work and behaviour through building positive relationships and developing a sense of responsibility.
- Keeping parents informed of matter within the centre and particularly your child's progress.
- Provide opportunities for them to discuss their futures with experienced impartial careers staff .

LEARNING MANAGER

A student's time in Post 16 can be extremely demanding and they need someone to help in supporting, guiding and tracking their progress. Outwood Academy Newbold Post 16 has a dedicated 'Learning Manager'. This is a non teaching member of staff who is solely dedicated to the pastoral care and well-being of students in Post 16. They act as the first port of call for both parents/carers and students regarding progress, attainment and behaviour.

In addition to monitoring student progress and well-being in lessons, the Learning Manager analyses student progress data at least five times each year to assess whether students are on track. They also work very closely with all teaching staff to help provide effective, swift intervention to get students back on track as soon as possible.

PRAISING STARS©

Praising Stars© is a core element of Post 16 and it ensures that there is a consistent and regular reporting of student performance with any necessary interventions for students. A minimum of five times a year, individual teaching staff, Heads of Departments, Learning Managers and the Senior Leadership Team collaboratively review the progress of each individual student towards meeting their targets and learning goals. Parents/carers also receive a Praising Stars© report outlining progress to date. Students are often invited to the Praising Stars© Awards evening to celebrate their achievements.



CAREERS GUIDANCE

The Outwood Grange Family of Schools recognise that all students require expert advice in planning their future and therefore are proud to work in partnership with Progress Careers to provide guidance from qualified and experienced advisors. All students within our Post 16 will be provided with opportunities for one-to-one guidance sessions with a member of the Progress Careers team.

Progress Careers provide a menu of careers information and individual advice and guidance (IAG) services for students, including:-

- One-to-one impartial guidance
- Personal coaching, including how to write a CV and practice interview techniques
- Support for both students and their parents/carers on key transition and option choices
- Careers information and advice on all available options, including apprenticeships, work-based learning and traditional pathways at 18+
- Support following exam results, to help students decide on what to do next

FINANCIAL SUPPORT

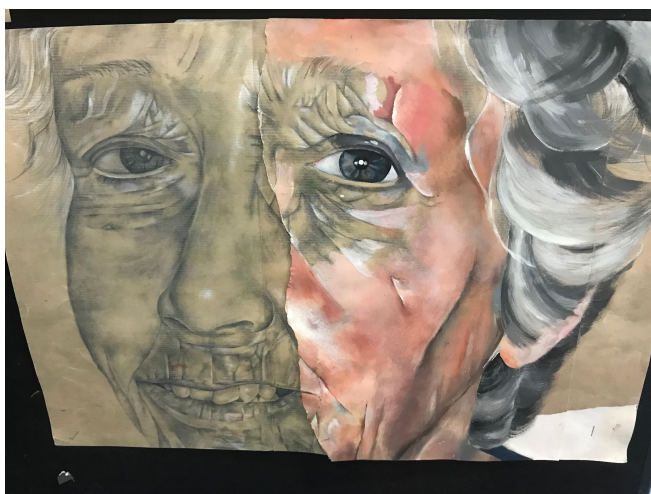
Outwood Academy Newbold recognises that supporting students financially through Post 16 education can be difficult for some families. These needs will vary greatly from student to student, however could include some/all of the following: transport, business dress, educational books and materials, laptops, course related trips, UCAS applications and open day costs, sport activities and professional membership fees.

Entitlement to the bursary is linked to household income, benefits received or for any student who finds themselves in financial hardship. Full details of the 16-19 bursary can be found below and on the Newbold Post 16 website.

16-19 BURSARY

The Post 16 Bursary policy at Outwood Academy Newbold follows the Outwood Grange Family of Schools Post 16 Bursary policy, which can be accessed on our website. This policy has been produced with the aim of helping 16 to 19 year-olds continue in full-time education, where they might otherwise struggle for financial reasons.

The bursary is made up of two parts, a bursary of £1,200 a year, which is allocated to the most vulnerable students, and a discretionary fund for schools, academies and colleges to distribute. Students who believe they fit the criteria to make an application will be able to download an application form or collect them from the Post 16 Learning Manager. Students can submit an application at any point during the academic year as their financial / home situation dictates, but payments will not be back-dated. However, their application will be subject to a review of their performance during the current Praising Stars© cycle. Outwood policy dictates that a student starts a 'clean slate' at the start of each Praising Stars© cycle and a bursary instalment will be paid subject to them meeting the terms and conditions of the 16-19 Bursary Contract in that half term. Eligibility for each of the bursaries is summarised opposite:



16-19 BURSARY - GUIDELINES FOR STUDENTS

In order to ascertain whether a student is eligible for a 16-19 Bursary please follow the guidelines below;

Full Bursary	Eligible to Apply Bursary
<p>If the answer to any of these questions is 'YES' you are automatically eligible to receive a £1200 16-19 Bursary:</p> <ul style="list-style-type: none"> • Student is currently in care (as defined by Social Services) • Student is leaving or has recently left care. • Student is claiming Income Support or Universal Credit (in their own name) • Disabled students receiving both Employment Support and Disability Living Allowance or PIP. 	<p>If the answer to any of these questions is 'YES' you are eligible to apply for a Discretionary Bursary.</p> <ul style="list-style-type: none"> • A household income of below £25,000 • A student currently entitled to Free School Meals • A student whose parents/carers are currently claiming other means-tested benefits including Income Support, Working Tax Credit / Child Tax Credit, Income Based Employment and Support Allowance (ESA), who is not entitled to Free School Meals • At the discretion of the Head of the Centre, any student who does not fall under the categories listed above, but considers themselves to be in financial hardship. • Students who are young carers and are not in receipt of a carers allowance.

- Students must be **under 19 on the 31st August** in the academic year they start their course to be eligible for a Bursary.
- If a student turns 19 during their programme of study they are automatically eligible for a full bursary or are successful in applying for an eligible to apply bursary they will be supported until the end of the academic year or until their course ends whichever is sooner.



CURRICULUM

Outwood Academy Newbold Post 16 offers 18 A-Level courses, 6 BTEC vocational qualifications as well as a range of other qualifications through the enrichment programme. GCSEs in English and Maths are on offer for those students who wish to improve their grade or have not achieved a Grade 4. University entry requirements vary but many require a grade 5 or better in GCSE English and GCSE Maths. Students looking to become nurses or teachers may need a grade 6 in both Maths and English. Employment opportunities that require A levels normally require a grade 5 in GCSE Maths and GCSE English.

A-Level Subjects		BTEC Subjects	
Art	German	Business Studies	
Biology	History	Performing Arts - Acting	
Chemistry	Law	Forensic Investigation	
Computer Science	Maths	Health and Social Care	
Design and Technology	Photography	Human Biology	
English Language	Physics	Sport Science	
English Literature	Psychology		
Further Maths	Sociology		
Geography	Spanish		
Other Qualifications			
Core Maths	Extended Project Qualification	Resit GCSE English	Resit GCSE Maths

Please note:

- We will endeavour to personalise the learning of all students to match their needs.
- Individual A level subjects may have specific minimum GCSE grade requirements.
- The subjects listed will be offered at Outwood Academy Newbold Post 16 subject to sufficient demand and staffing availability.
- We hope to have Year 12 blocks finalised by Spring 2024. Whilst we don't anticipate a change from that point, we reserve the right to make final decisions about course viability and allocation of resources in September.
- Please also note that if our current courses do not meet a particular student's needs, we would very much like to hear what they would like to do.

OUTWOOD ACADEMY NEWBOLD POST 16 ENTRY REQUIREMENTS

- Our overarching criteria for students to join our Post 16 centre is a **willingness to learn.**
- Students must have achieved 5 passes, where a pass is defined as: GCSE 9-4, Pass or better at a level 2 BTEC.
- KS4 Attainment 8 scores will be used to support students in making their overall course choices, including the number of Post 16 courses to study.
- In addition to this minimum entry requirement, it is preferable for students to have achieved at least a pass in any subject that they intend to study at A level, if they have studied it at GCSE.
- All external applicants will be subject to appropriate references from the respective schools.
- All applications will be considered on an individual basis.

We recommend that students choose 3 courses from A-Levels or BTECs. Students may wish to combine these with the EPQ or Core Maths. Please see the guidance below:

PROGRAMMES OF STUDY

GCSE OUTCOMES	PROGRAMME OF STUDY
8 passes including 5 subjects at grade 6 or above and a minimum of a 6 in maths and English	Either 4 x Subjects or 3 x Subjects + Extended Project or 3 x Subjects
5 passes including a grade 4 or above in maths and/or English.	Either 3x Subjects + Extended Project or Core Maths or 3 x Subjects + resit GCSE if required or 3 x Subjects



THE FOLLOWING SUBJECT SPECIFIC ENTRY REQUIREMENTS WILL ALSO APPLY:

Art	5 or above in GCSE Art. If a student has not completed GCSE Art then an individual discussion with the Head of Department looking at your current Art Portfolio work is necessary.
Biology	6 or above in GCSE Biology or 6/6 or above in Combined Science. and 5 or above in GCSE Mathematics.
Chemistry	6 or above in GCSE Chemistry or 6/6 or above in Combined Science. and 6 or above in GCSE Mathematics.
Computer Science	6 or above in GCSE Mathematics.
Design and Technology	GCSE Design and Technology would be a good foundation but isn't essential. An individual discussion with the Head of Department looking at your current Design and Technology work is necessary.
English Language	6 or above in GCSE English Language or English Literature.
English Literature	6 or above in GCSE English Language or English Literature.
Further Maths	7 or above in GCSE Maths.
Geography	6 or above in GCSE Geography.
German	6 or above in GCSE German.
History	6 or above in GCSE History.
Law	6 or above in GCSE English Language.
Maths	6 or above in GCSE Maths.
Photography	5 or above in GCSE English Language. and 5 or above in GCSE Maths.
Physics	6 or above in GCSE Physics or 6/6 or above in Combined Science. and 6 or above in GCSE Mathematics.
Psychology	6 or above in GCSE English Language and 6 or above in GCSE Maths and 6 or above in a GCSE Science (preferably Biology) or 6/6 or above in Combined Science.
Sociology	6 or above in GCSE English Language. 6 or above in GCSE History or Geography.
Spanish	6 or above in GCSE Spanish.

BTEC COURSE ENTRY REQUIREMENTS

Applied Human Biology	4/4 or above in Combined Science. or 4/4/4 or above in GCSE Triple Science.
Business Studies	Level 2 Merit or above at BTEC Level 1 and 2. or 5 or above in GCSE Business Studies
Core Maths	4 or above in GCSE Maths would be advised for this course.
Forensic Investigation	4/4 or above in Combined Science. or 4/4/4 or above in GCSE Triple Science.
Performing Arts - Acting	Level 2 Merit or above at BTEC Level 1 and 2. or 5 or above in GCSE Drama.
Extended Certificate in Sport	Grade 5 or above in GCSE English.
Extended Certificate in Health and Social Care	Grade 5 or above in GCSE English.

TIMELINE OF APPLICATION PROCESS

Students attend Open Evening - **23rd November 2023**

Application form deadline - **22nd December 2023 (late applications will be considered)**

Interviews of students who meet application deadline - **January/February and March 2024**

Offer letters sent - **February - March 2024**

Taster Days/Induction Event - **25th and 26th June 2024**

Publication of GCSE results - **22nd August 2024**

PI6 enrolment - **22nd August 2024 (GCSE results day) and Friday 6th September**

First Day of Post 16 and Bridging Work Deadline - **Friday 6th September 2024**



YEAR 13 DESTINATIONS 2023

Our students leave us to take on a range of roles and responsibilities. The majority of our leavers go onto University but others take different routes which reflects the current job market.

Role	%
University	50%
Apprenticeship	26%
Gap Year	8%
Work	5%
Further Education	3%
Degree Apprenticeship	1%

Our 2023 leavers headed to the following University destinations:

 The University of Nottingham	<ul style="list-style-type: none"> • Law with German and German Law • Mechanical Engineering including an Industrial Year
 Loughborough University	<ul style="list-style-type: none"> • Maths
 UNIVERSITY of York	<ul style="list-style-type: none"> • Criminology
 UNIVERSITY OF LIVERPOOL	<ul style="list-style-type: none"> • Psychology
 The University Of Sheffield.	<ul style="list-style-type: none"> • Civil and Structural Engineering
 Sheffield Hallam University	<ul style="list-style-type: none"> • Photography • Business and Marketing • Education with Psychology and Counselling • Sport Coaching • Childhood Studies • Psychology • Law

	<ul style="list-style-type: none"> • Primary Education (5-11) with QTS • Sport Coaching • Electrical and Electronic Engineering • Automotive Engineering
	<ul style="list-style-type: none"> • Adult Nursing • Nursing with a Foundation Year • Special Educational Needs and Disabilities
	<ul style="list-style-type: none"> • Sport and Exercise Therapy
	<ul style="list-style-type: none"> • Media, Communication and Culture • Real Estate and Property Management • Educational Psychology • Marketing with Advertising Management
	<ul style="list-style-type: none"> • Psychology with Forensic Psychology • Law • Biology • Biomedical Science
	<ul style="list-style-type: none"> • Law
	<ul style="list-style-type: none"> • Sport and Exercise Science
	<ul style="list-style-type: none"> • Early Childhood Studies
	<ul style="list-style-type: none"> • Visitor Attraction and Resort Management
	<ul style="list-style-type: none"> • Computer Science
	<ul style="list-style-type: none"> • Law

And gained Apprenticeships or Jobs with a range of companies and organisations including:

HM Revenue and Customs

NHS

Cathelco Engineering

LIFE IN POST 16:

The wider package of resources at Outwood Academy Newbold plays an important part in developing independent learners:

- Study rooms with access to computers.
- A common room with its own canteen
- Access to other Post 16 spaces for quiet study.
- Fully resourced Careers and Reference Library.

Students are expected to be involved in other aspects of Academy life. There are a range of opportunities on offer and a sample of these can be seen below:

Enrichment Opportunities	Work experience	Guidance Programme
PI6 Student Voice	Charity Fundraising	Leadership Opportunities
Mental Health Support	International Trips	Sporting Opportunities

SUPPORT INTO LIFE AFTER POST 16:

When it comes to applications to university or apprenticeships, students will be invited to join in a range of opportunities run by specialist staff to help you make progression choices appropriate to their ability and aspirations. All students will be given specific, individual advice, guidance and information to support their application. We have partnered with a number of organisations to help provide more bespoke advice and they can be seen below:

The logo for UCAS, consisting of the letters 'UCAS' in a bold, black, sans-serif font. The letter 'A' is stylized with a red triangle pointing upwards.

We are a UCAS registered centre



Art

WHY SHOULD I STUDY THIS COURSE?

Art and Design at A Level is a subject that recognises that individuals need to be able to express their creativity & develop a range of problem solving skills in practical situations. The course is designed to develop personal responses to observations, experiences, environments and cultures, celebrating their individuality and strengths. It encourages personal learning through inquiry into Art and Design and enjoyment of its application in the real world, along with the acquisition of lifelong learning and thinking skills. This is done through careful guidance and individual target setting.

Visits- we aim to take students out about three times in each of the years, these trips might include a visit to Sheffield, city and art galleries, the Yorkshire Sculpture Park, Chesterfield College, Chatsworth, London, Liverpool, Bristol depending what exhibitions are on.

We have devised and developed specialist workshops after school in printmaking, photography and image manipulation, oil-painting and ceramics. Students will be expected to put up their own exhibitions at the end of Year 1 & 2 in the gallery space in preparation for marking.

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

Creatively minded individuals with enthusiasm for creative thinking and pushing your own boundaries. You must be enthusiastic, prepared to really explore an idea or concept and be able to work with determination and perseverance. You will have timetabled lessons and will also be encouraged to come and use the space in your free periods, an equal amount of time is expected to be spent on your studies out of lessons as in lessons.

Course Title: A Level Art & Design (Fine Art)

Awarding body: AQA

Contact: Mrs M Tice

Email: m.tice@newbold.outwood.com

COURSEWORK BREAKDOWN

Year 1 - Portfolio of work exploring skills & processes with the theme of identity.
Year 2 - Portfolio of work exploring a theme such as Twisted & Tangled.
Exam - Externally assessed assignment.

HOW IS THE COURSE EXAMINED?

Year 1 - Internally assessed a regular intervals throughout the year to prepare students for work being externally moderated
Year 2 - Work will be assessed at regular intervals.
Exam - March/April Year 13

HOW IS THE COURSE ASSESSED?

Year 1 - Extended project with coherent preparatory studies, leading to an appropriate conclusion. Marked internally - some work may be used to support students' year 2 portfolios but Year 1 is purely about building skills, confidence and understanding for year 2. There is no formal qualification gained at the end of this year.
Year 2 - Extended project with coherent preparatory studies leading to an appropriate conclusion. 3000 words supporting written study. Marked internally / externally moderated
Exam - Paper issued 1st of February in initial preparatory period of about 8 weeks, 10 hour exam (final piece) 10 hours consecutively over 2 days. Marked internally / externally moderated.

Biology

INFORMATION ABOUT THE COURSE CONTENT

During the first year of the course you will study 4 topics, with 6 required practical activities. These practical skills must be carried out by the student with assessment of the acquired skills.

Year 2 of the A Level follows a similar structure with the study of 4 topics and a further 6 required practical activities. The linear exams (at the end of year 13) will examine all the topics from year 1 and year 2 content along with all 12 required practical activities. There are 3 two hour written examination papers for the A Level qualification.

KEY FEATURES OF THE COURSE

As part of the new linear A Level course all students will gain a certificate in practical skills based on the 12 required practicals. This practical endorsement is now essential for study of a science based degree at most top universities.

WHAT KIND OF STUDENT IS THIS COURSE SUITABLE FOR?

You will need a good, practical mind for Biology and a desire to learn about the chemistry of biological molecules and biological pathways and be able to work independently.

Course Title: Biology – 7402

Awarding body: AQA

Contact: Miss S Phillips

Email: s.phillips@newbold.outwood.com

COURSE BREAKDOWN	WHAT COULD THIS COURSE LEAD TO?
<p>Topic 1: Biological Molecules</p> <p>Topic 2: Cells</p> <p>Topic 3: Organisms exchanging substances with their environment</p> <p>Topic 4: Genetic information, variation & relationships between organisms</p> <p>Topic 5: Energy transfer in and between organisms</p> <p>Topic 6: Organisms respond to changes in their internal and external environments</p> <p>Topic 7: Genetic populations evolution and ecosystems</p> <p>Topic 8: Control of gene expression</p> <p>12 required practicals (6 in year 1 and 6 in year 2)</p> <p>Exams</p> <p>Paper 1 (Topics 1-4 from year 1) 2 hours, 35% of the A-Level</p> <p>Paper 2 (Topics 5-8 from year 2) 2 hours, 35% of the A-Level</p> <p>Paper 3 (Synoptic- All content) 2 hours, 30% of the A-Level</p>	<p>Did you know that Biology is one of the most popular A-Level subjects in the country and it helps you to develop many skills that are essential for any career.</p> <p>Such as: Health and clinical professions, such as medicine, dentistry, veterinary science, physiotherapy, pharmacy, optometry and nursing as well as zoology, marine biology, environmental sciences, ecology, forensic science, biochemistry, and genetics.</p> <p>It is also a good stepping stone into a career in teaching.</p>

BTEC in Business

WHY SHOULD I STUDY THIS COURSE?

Have you ever thought that you might own your own business one day? Have you ever thought that you might want to manage people in the future? Are you an ideas person?

Studying BTEC Business, students will gain a genuine grasp of many areas of business. By completing the full BTEC course, each student will have completed 4 units of work. This means students will have a foundation into the world of business, marketing, finance and customer service.

The course is ideal for anyone thinking of setting up their own business, for those who aspire to be the managers of the future and for those who would like to use their organisation, communication and time-management skills further. BTEC Business has been designed to provide a broad educational basis for further training, further education, or for moving on to employment within the business sector. This course is equivalent to an A – Level.

Course Title: BTEC Level 3 National Extended Certificate in Business

Awarding body: Edexcel

Contact: Mrs L Warrington

Email: l.warrington@newbold.outwood.com

COURSE BREAKDOWN

YEAR 12

Unit 1 (Assignment) *Exploring Business*

Purposes of different businesses, their structure, the effect of the external environment, and how they need to be dynamic and innovative to survive.

Unit 2 (Exam) *Developing a Marketing Campaign*

You will gain skills relating to, and an understanding of, how a marketing campaign is developed.

YEAR 13

Unit 3 (Exam) *Personal and Business Finance*

You will develop the skills and knowledge needed to understand, analyse and prepare financial information.

Unit 2 (Assignment) *Work Experience in Business*

Benefits of work experience in business. You will reflect on your practical workplace skills by completing forty hours of appropriate work experience.

WHAT COULD THIS COURSE LEAD TO?

Typically students who have studied BTEC Business have followed the following progression routes:

- Honours Degree in Business/Economics
- BTEC Foundation Degree in Business
- BTEC National Diploma in Business
- Apprenticeship

In addition, this qualification enables the student to have the required foundation of knowledge to establish their own business and engages them with an entrepreneurial spirit.

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

Students should have a real passion for business. It is expected that students will take an interest in television programmes such as *Dragons Den* and *The Apprentice*. In addition, students should enjoy using ICT and be independent workers with a hard-working ethos.

Chemistry

WHY SHOULD I STUDY THIS COURSE?

Studying A-Level Chemistry will be challenging, fascinating and very hard work.

You will develop essential knowledge and understanding of the Periodic table, chemical concepts and trends and patterns in data. There will be an opportunity to develop an understanding of advances in modern methods of analysis and also to solve problems related to solids, gases and solutions.

You will also get the opportunity to make your own

Paracetamol drug in the prestigious labs at Sheffield University.

WHAT KIND OF STUDENT IS THIS COURSE SUITABLE FOR?

You will find this course challenging and enjoyable if you want to know more about the structure, properties and reactions of chemicals that make up the living and physical world around us and if you are excited by abstract concepts such as atoms and their interactions.

Course Title: A Level Chemistry

Awarding body: AQA

Contact: Mrs Biggar

Email: k.biggar@newbold.outwood.com

COURSE BREAKDOWN	WHAT COULD THIS COURSE LEAD TO?
<p>Paper 1 Physical chemistry, inorganic chemistry and practical skills (35%)</p> <p>Paper 2 Physical chemistry, organic chemistry, practical skills (35%)</p> <p>Paper 3 Any content (30%)</p>	<p>Chemistry can usefully be combined with a number of subjects for example: Physics, Maths, Biology and Geography, and can lead to degrees in Forensics, Medicine, Biochemistry, Materials Science, Pharmacology and Genetics.</p> <p>Chemistry is a fantastic way to get ahead in careers involving science, technology, environmental science, engineering, toxicology, metallurgy, cosmetics, food and even law. Further information about Chemistry and future careers can be found at www.rsc.org</p>

KEY FEATURES OF THE COURSE

There are four units that explore and develop the key areas of chemistry:

Organic chemistry, which is the chemistry of carbon and hydrogen based compounds

Physical chemistry, which is the study of atomic and molecular interactions

Inorganic chemistry, which is the behaviour and study of all compounds not based on C-H bonds.

There are also practical assessments of skills developed during the course.

Computer Science

WHY SHOULD I STUDY THIS COURSE?

Computer Science is a practical subject where students can apply the academic principles learned in the classroom to real-world systems. It's an intensely creative subject that combines invention and excitement, and can look at the natural world through a digital prism. OCR's A Level in Computer Science will value computational thinking, helping learners to develop the skills to solve problems, design systems and understand the power and limits of human and machine intelligence.

WHAT SKILLS WILL I DEVELOP?

- An understanding and ability to apply the fundamental principles and concepts of computer science, including: abstraction, decomposition, logic, algorithms and data representation
- The ability to analyse problems in computational terms through practical experience of solving such problems, including writing programs to do so
- The capacity to think creatively, innovatively, analytically, logically and critically
- The capacity to see relationships between different aspects of computer science
- Mathematical skills

Course Title: Level 3

Awarding body: OCR

Contact: Mr L Priestley

Email: l.priestley@newbold.outwood.com

HOW IS THE COURSE ASSESSED?	WHAT COULD THIS COURSE LEAD TO?
Computer Systems (01) – Exam 40%	Application analyst
Algorithms and Programming (02) – Exam 40%	Business analyst
Programming Project (03) – NEA 20%	Data analyst
	Database administrator
	Games developer
	Information systems manager
	IT consultant
	Multimedia programmer
	Systems analyst
	UX analyst
	Web designer
	Web developer

Core Maths

WHY SHOULD I STUDY THIS COURSE?

Students should select this course if they intend to study a course at university with a high maths content but have not chosen AS/A2 Maths. This ensures that students do not have a learning gap from GCSE Maths to the Maths covered in their degree.

Degree courses with a high maths content are: Physics, Chemistry, Biology, Geography, Business, Psychology, Sociology, Computer Science. Students often have to take an enrichment maths course to support their Higher Education studies if they have not done Level 3 Maths.

This course is a two year course designed to complement Physics, Chemistry, Biology, Business, Psychology, Sociology, Computer Science A-Level courses. It builds on the knowledge from GCSE Maths.

Course Title: Maths (Core)

Awarding body: OCR - MEI

Contact: Mr. M Livingstone

Email: m.livingstone@newbold.outwood.com

HOW WILL I BE ASSESSED?

100% external assessment comprising two timed written examination papers worth 50% each at the end of the two years.

WHAT SKILLS WILL I DEVELOP?

This course is all about developing skills rather than knowledge. Core Maths allows students time to develop their problem solving skills and encourages the students to investigate different solutions.

WHAT COULD THIS COURSE LEAD TO?

This course is designed to support careers, particularly related to Physics, Chemistry, Biology, Geography, Business, Psychology, Sociology, and Computer Science.

For students who wish to study Maths, Engineering or Medicine you are likely to need to take A-Level Maths.

BTEC in Performing Arts

Acting

WHY SHOULD I STUDY THIS COURSE?

BTEC Level 3 Performing Arts is designed to provide a balance across a range of learning activities. This qualification combines the activities of exploring plays and creating theatre, the analysis of theatre and the critical evaluation of all these elements. Students completing this qualification successfully will have a thorough understanding of Acting and Performing Arts, highly toned analytical and creative skills and an ability to communicate effectively with others.

WHAT SPECIFIC SKILLS DO I NEED?

- You will need to have a good starting level of technical performance ability in Drama
- You will need to be very good at cooperation and collaboration, with very good communication skills
- You will need the ability to describe, analyse and evaluate Performing Arts
- You will need to be open minded, creative and committed

Course Title: Performing Arts

Awarding body: Edexcel

Contact: Mrs S Jenkins

Email: s.jenkins@newbold.outwood.com

COURSE BREAKDOWN	WHAT COULD THIS COURSE LEAD TO?
Investigating Practitioners' work – 90 guided learning hours Developing skills and techniques for live performance – 90 guided learning hours Group Performance Workshop—90 guided learning hours Acting Styles—90 guided learning hours	After this qualification you would be well-prepared to go to university to study a degree in Drama related courses. This could lead to employment in a range of arts related jobs, PGCE course or vocational courses, e.g. Drama school. The course will also provide a wide range of transferable skills, including working in and leading a team, and excellent communication and presentation skills.

Design and Technology

HOW WILL I BE ASSESSED?

This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers, especially those in the creative industries. It places a greater emphasis on understanding and applying iterative design processes. Students will use their creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants and values. They will gain a critical understanding of the wider influences on design and technology, including cultural, economic, environmental, historical and social factors, whilst enjoying opportunities to put their learning in to practice by producing prototypes of their choice. Students will gain a real understanding of what it means to be a designer, alongside the knowledge and skills sought by higher education and employers.

Component 1: Principles of Design and Technology

How it's assessed:

- Written exam: 2hrs & 30 mins – The paper includes calculations, short-open and open-response questions, as well as extended-writing questions .
- 50 % of A-Level

Component 2: Independent Design and Make Project - Non-exam assessment (NEA)

How it's assessed:

- Students will produce a substantial design, make and evaluate project which consists of a portfolio and a prototype.
- The portfolio will contain approximately 40 sides of A3 paper (or electronic equivalent).
- There are four parts to the assessment:
 - **Part 1:** Identifying and outlining possibilities for design **Part 2:** Designing a prototype
 - **Part 3:** Making a final prototype **Part 4:** Evaluating own design and prototype
- 50% of A-Level
- Written or electronic portfolio with photographic evidence of final outcome.

Course Details: Design & Technology

Awarding body: Edexcel

Contact: Mr Combe

Email: i.combe@newbold.outwood.com

WHAT CAN I DO AFTER THIS COURSE?

This qualification is accepted at all institutions of higher education relating to design and manufacture.

What careers would this be useful for?

Product Designer, Design Engineer, Architecture, CAD Draughtsperson, Automotive Design, Graphic Designer, Manufacturing and Engineering.

WHAT WILL I LEARN ON THIS COURSE?

This course is designed to:

- Develop a broad view of Design and Technology.
- Develop the capacity to design and make products.
- Appreciate the complex relations between design, materials, manufacture and marketing.

English Language

WHY SHOULD I STUDY THIS COURSE?

Language is all around us and is constantly changing and evolving, which makes it an interesting focus for study. This course will challenge you to question the foundations of English Language and explore the acquisition of language and how we use it on a day to day basis - whether that be texts, tweets, adverts or more formal levels of discourse. This course develops creativity and the ability to critically deconstruct and analyse the world around you.

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

English Language A-Level is perfect for those students who have an interest in our language and enjoy communication in all of its forms. Students who choose this course need to be creative thinkers, who can interpret the world, whilst still employing the critical analysis skills needed to delve deep into the words around us.

Course Details: English Language

Awarding body: AQA

Contact: Mrs Hedges

Email: j.hedges@newbold.outwood.com

WHAT COULD THIS COURSE LEAD TO?	WHAT WILL I STUDY?
As well as leading to further, degree-level study, success in English Language demonstrates skills of accurate, subtle and sophisticated communication skills. These skills are in demand by employers in almost any field where effective communication is required.	<p>Language and the Individual <u>How is language used to represent meaning in the world around us?</u> Graphology, lexis and semantics, pragmatics, grammar, discourse theory and phonetics.</p> <p>Language Varieties <u>What influences how we speak?</u> Regional dialects, national varieties, occupation, gender, age, sexuality. Our own identity.</p> <p>Child Language Acquisition Language acquisition and development from pre-birth to 11 years old.</p> <p>Language Diversity and Change Language change and development from the 5th Century to today.</p> <p>Year 13 Non-Exam Assessment Language in action: Language investigation in an area of your choice and one piece of original writing or your choice, with analysis – perhaps a script, article or narrative, the options are endless!</p>

English Literature

WHY SHOULD I STUDY THIS COURSE?

Literature deals with the 'big questions': How do we, as a society and as individuals, understand and challenge the world around us? Studying Literature will give you the opportunity to develop analytical and critical thinking skills as well as the opportunity to express your creativity through studying some of the greatest and more inspiring texts of the past couple of centuries.

This course will look at a range of literature texts including prose, poetry, contemporary drama and Shakespeare.

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

This course is ideal for anyone who enjoys reading and exploring language, who is prepared to work at a challenging pace and who has an ability to read beyond the literal text. Students who choose this course need to be effective communicators orally, so that they can share their ideas in class discussions and in writing, so that they can eloquently demonstrate their understanding.

Course Details: English Literature
Awarding body: AQA
Contact :Mrs Hedges
Email: j.hedges@newbold.outwood.com

WHAT COULD THIS COURSE LEAD TO?	WHAT WILL I STUDY?
The study of literature opens doors to a vast range of careers, including journalism, media, law, teaching, business, commerce – in fact, any field in which communication, the presentation of ideas, group discussion and analytical and creative thinking are valued.	<p>Y12 Content</p> <p>In year 12 you will have an introduction to the genre of tragedy through the study prose, poetry and drama, developing understanding of how contexts influence meanings. You will also develop your creative writing skills, thinking critically about the choices you make in your own work.</p> <p>Y13 Content</p> <p>Your study of tragedy will encompass a key Shakespeare text and detailed study of a specific poet.</p> <p>Coursework is a study of two texts, one poetry and one prose, informed by the study of the Critical Anthology.</p>

EPQ

WHY SHOULD I STUDY THIS COURSE?

Universities and employers support and value the EPQ as evidence of a student's ability to use a range of skills that are vital for successful study in higher education and employment.

The EPQ:

- Gives students the opportunity to choose their own topic
- Makes students responsible for their own learning and development
- Inspires and motivates students – completing the project gives you greater confidence and a sense of achievement.
- Teaches new skills, such as, independent research, project management, reflection and self-directed learning
- Awards 28 UCAS points for an A*

COURSE BREAKDOWN	HOW IS THE COURSE ASSESSED?
<p>During the EPQ, students will learn to:</p> <p>Manage – identify, design, plan, and complete a project (or task within a group project), applying organisational skills and strategies to meet their stated objectives.</p> <p>Use resources/research – obtain and select information from a range of sources, analyse data, apply it relevantly, and demonstrate understanding of any appropriate connections and complexities of their topic.</p> <p>Develop and realise – use a range of skills, including using new technologies, to solve problems, to take decisions critically, creatively and flexibly, and to achieve their aims.</p> <p>Review – evaluate the outcome, including their learning and performance.</p>	<p>Choose an area of interest and draft your project title and aims.</p> <ul style="list-style-type: none">• Plan, research and carry out their project.• Keep a production log of all stages of the project production, reviewing and evaluating their progress.• Complete a 5,000 word project.• Prepare and deliver a presentation.• Review the outcome of their project and presentation.• All these elements are assessed by the school and then moderated by the exam board. There is no written examination.

WHAT COULD THIS COURSE LEAD TO?

The EPQ is an excellent opportunity for students to become more effective, independent, learners. Students will develop areas such as self-confidence, self-esteem, team working skills and will receive valuable preparation for study at Higher Education and employment.

BTEC in Forensic Investigation

COURSE DESCRIPTION

This qualification enables students to acquire substantial cross-sector scientific knowledge and practical scientific skills, as well as forensic evidence collection and analysis skills, an appreciation of the application of psychology in forensic profiling and an understanding of the criminal justice system. (Equivalent to 1.5 A-Levels)

Everyone taking this qualification will study four mandatory units, covering the following content areas:

- principles and applications of science
- practical scientific procedures and techniques
- physiology of human body systems
- environmental forensics
- science investigation skills
- forensic investigation procedures in practice.

Students choose two option units from a group. The option units have been designed to support progression to the range of sector-related courses in higher education, and to link with relevant occupational areas. The option units cover content areas such as:

- forensic traffic collision investigation
- forensic genetics
- forensic photography
- forensic fire investigation.

GOOD COMBINATION SUBJECTS

A-Level Chemistry; A-Level Biology; WJEC Medical Science; Criminology; Law; Psychology; Sociology;
BTEC Health & Social Care; Business Studies, Computing and Photography
Future opportunities

Course Title: Forensic Investigation
Awarding body: Pearson
Contact: Mrs Walters
Email: r.walters@newbold.outwood.com

HOW WILL I BE ASSESSED?	WHAT COULD THIS COURSE LEAD TO?
1 external exam, 1 external controlled assessment and 4 coursework units.	This qualification is primarily designed to support progression to employment after further study at university. However, it also supports students who choose to progress directly to employment, as the transferable knowledge, understanding and skills will give successful students an advantage when applying for a range of entry level industry training programmes and/or Higher Apprenticeships in areas such as laboratory technician or forensic technician.

Geography

COURSE DESCRIPTION

A Level Geography is a course for students who want to develop a real understanding of our world, and their place within it. There has never been a better or more important time to study A level Geography. Dealing with vital issues such as climate change, migration, environmental degradation, social issues and natural hazards, A level Geography is one of the most relevant subjects you could choose to study. Students enjoy the scope of the material they cover in geography, the insights it can provide into the world around us and the highly contemporary nature of the issues it tackles. The A level Geography course is split into human and physical geography even though geography is a very fluid subject with some of the issues overlapping. Many topics such as urbanisation and globalisation are very good for generating debate and allow students to apply their knowledge to a worldwide context. Physical geography looks at topics such as natural hazards and investigates how hazards occur, what can be done to predict them and the management that is in place if one occurs. Overall, A-level geography is an enquiry into our world and our management of it. This course develops critical thinking and problems solving skills, which often makes geographers a very good choice for a range of university courses post-18. Geographers are among the most employable university graduates if further study is a goal.

KEY FEATURES OF THE COURSE

- Balanced understanding of physical/human geography
- Focus on inter-relationships between people/environment and questions, issues & problems
- Fieldwork built into Y12 and Y13.
- 80% exam based, 20% Non-examined Assessment

Course Title: Geography

Awarding body: AQA

Contact: Mr T Witts

Email: t.witts@newbold.outwood.com

COURSE BREAKDOWN	WHAT COULD THIS COURSE LEAD TO?
AQA A level Geography Component 1: Physical Geography: Water & Carbon Cycles, Coastal systems and landscapes, Hazards. Component 2: Human Geography: Global systems and governance, Changing places, Resource security. Component 3: Non-examined Assessment: Independent Fieldwork Enquiry	University courses in: Geography; European Studies; Law; Business; Travel and Tourism; Education; Environmental Management and Sciences/Planning.
OTHER USEFUL INFORMATION	
The A-Level Geography course includes fieldwork at Y12 and Y13, both in human and physical Geography. In the past students have conducted urban studies in Sheffield and Chesterfield, with river study in the Peak District. In Y13 there is also the opportunity to take part in a field work residential in The Lake District.	

German

WHY SHOULD I STUDY THIS COURSE?

Language is not a genetic gift; it is a social gift and languages undoubtedly provide endless opportunities and open many doors for learners. If you enjoyed GCSE German, enjoy talking, expressing your opinions and learning about other cultures then A-Level German could be for you!

The course aims to further develop the understanding of and increase confidence in the use of both the spoken and written forms. Students will use increasingly complex and accurate language when communicating. They will develop their critical insight into, and contact with, the contemporary society and cultural background of the countries where German is spoken. Throughout the course students must be prepared to spend time on reading as much as possible, listening to the language on the radio, internet and TV and learning vocabulary and grammar.

You will need to be hard-working, well-organised, enthusiastic and willing to communicate in German.

Course Title: German

Awarding body: AQA

Contact: Mrs A Foster

Email: a.foster@newbold.outwood.com

HOW IS THE COURSE ASSESSED?	COURSE BREAKDOWN
<p>Paper 1 – Listening, Reading and Writing Written exam: 2 hours 30 minutes, 160 Marks and 50% of A level.</p> <p>Paper 2 –Writing Written exam: 2 hours 90 Marks and 20% of A level.</p> <p>Paper 3 –Speaking 60 Marks and 30% of A level.</p>	<p>3.1 Social issues and trends: e.g. The digital world, youth culture and family.</p> <p>Multiculturalism in German-speaking society e.g. immigration, integration and racism.</p> <p>3.2 Political and artistic culture: e.g. festivals, art, cultural life in Berlin</p> <p>Aspects of political life in the German speaking world e.g. Germany since reunification.</p> <p>3.3 Grammar</p> <p>3.4 Works</p> <p>Book: Der Vorleser</p> <p>Film: Goodbye Lenin.</p> <p>3.5 Individual research project</p>
WHAT COULD THIS COURSE LEAD TO?	
<p>Students can go on to study Languages at university or the skills they have acquired will help them in one of the following professions:</p> <p>Teaching; Law; I.T.; Politics; Travel industry; Army; Journalism; Business; Translation & interpreting plus many other professions!</p>	

BTEC in Health and Social Care

WHY SHOULD I STUDY THIS COURSE?

If you want to pursue a career in health care support work, or to move towards a professional career such as nursing or social work, this course could be for you. You will study a range of units which are relevant to anyone wanting to work in this field. This course is suitable for anyone with an interest in health, well being and human growth, development and behaviour. We aim to have Health and Social Care Professionals visit lessons to broaden understanding of the different roles and work done by people in this sector. Placements will be arranged in your free periods to allow you to gain some practical experience. This course is equivalent to one A-Level.

Mandatory Units		Assessment	When?
Unit 1	Human Lifespan	Exam	Year 1
Unit 2	Working in Health and Social Care	Exam	Year 2
Unit 5	Meeting Individual Care and Support Needs	Internally assessed	Year 1
Optional Unit		Assessment	When?
Unit 11	Psychological Perspectives	Internally assessed	Year 2

WHAT COULD THIS QUALIFICATION LEAD TO?

This qualification is generally taken alongside other BTEC or A-level qualifications as part of a 2-year programme of learning. This will enable you to progress to a degree programme chosen from a range of programmes in the Health and Social Care sector.

Course Title: BTEC Level 3 National Extended Certificate in Health and Social Care

Awarding body: Edexcel

Contact: Mr B Winter

Email: b.winter@newbold.outwood.com

HOW IS THE COURSE ASSESSED?

Candidates will be assessed in a range of methods including essays, reports, exams and presentations.

Mandatory content: 83% External Assessment: 58%

Exam: Weighting 58% Course work: Weighting 42%

WHAT KIND OF STUDENT IS THIS COURSE SUITABLE FOR?

You must be able to work both independently and as part of a team, and be prepared to interact and communicate with clients and Health and Social Care Professionals. You must have good organisational skills.

History

WHY SHOULD I STUDY THIS COURSE?

History at A-Level is a highly stimulating and rewarding experience which offers a fantastic opportunity to gain in-depth knowledge and understanding of British and Russian History. Through studying the past, students arrive at a far better understanding of present day issues in the modern world.

History also enables students to develop many of the key skills identified by both University Admissions tutors and the country's leading employers as vital to academic success and career progression. These include independent research, analytical communication and problem-solving skills. Above all, A-Level History enhances students' ability to become life-long learners by not only encouraging continual reflection of their own performance, but also through stressing the importance of working responsibly with others.

KEY FEATURES OF THE COURSE

The course covers Social, Economic and Political change and how people in Britain and Russia have been affected by change in the short and long term. Through source investigation, debate/discussion, presentations and independent enquiry students will acquire excellent historical skills in order to assess the significance of events, individuals, beliefs and movements from that particular time. They will develop their ability to reach substantiated judgements on key questions in history and how to construct an effective balanced argument. The A level course for Y13 will have a breadth study of an significant historical development over a 100 year period, a depth study of a major historical change and a controlled assessment section.

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

History is thriving at A-Level because it gives students the opportunity to understand the big issues behind today's headlines, to ask questions and to express their opinions in a variety of ways. If students enjoy active learning through group work, debates, & problem-solving scenarios, they will certainly enjoy History at this level. It also complements many other subjects such as English, Geography, Media, Psychology and even Business Studies.

Course Title: History

Awarding body: AQA

Contact: Mrs Griffith

Email: n.griffith@newbold.outwood.com

HOW IS THE COURSE ASSESSED?	COURSE BREAKDOWN
Paper 1: 2½ hour exam Paper 2: 2½ hour exam NEA (Coursework)	A Level Paper 1: 40% Stuart Britain and the crisis of Monarchy 1603-1702 Paper 2: 40% Revolution and Dictatorship: Russia, 1917-1953 NEA (Coursework): 20% The abolition of the transatlantic slave trade

WHAT COULD THIS COURSE LEAD TO?

A-Level History is excellent preparation for the further study of History and indeed many other subjects at degree level. The skills required are very much in demand in education, management and business.

BTEC in Human Biology

COURSE DESCRIPTION

The Pearson BTEC Level 3 National Extended Certificate in Applied Human Biology is intended to be an Applied General qualification for post-16 students wanting to continue their education through applied learning, and who aim to progress to higher education and ultimately to employment, possibly in the health and health science sectors. The qualification is equivalent in size to 1 A Level. This course is for those students interested or enjoy Human Biology and how it links to Healthcare.

KEY FEATURES OF THE COURSE

Everyone taking this qualification will study three mandatory units, covering the following content areas:

- Unit 1: Principles of Applied Human Biology
- Unit 2: Practical Microbiology and Infectious Diseases
- Unit 3: Human Biology and Health Issues.

The mandatory content allows learners to concentrate on the development of their knowledge and understanding as well as essential practical and research skills relevant in applied human biology and health science areas, over an extended period.

Learners will also choose one optional unit, which has been designed to support progression to applied human biology, health and health science courses in higher education. This will allow learners to choose a specific specialist area in which they wish to develop their knowledge and skills, such as:

- Unit 4: Functional Physiology
- Unit 5: Diseases, Disorders, Treatments and Therapies
- Unit 6: Genetics and Genetic Engineering
- Unit 7: Biomedical Science
- Unit 8: Human Reproduction and Fertility.

Course Title: BTEC in Human Biology

Awarding body: Pearson

Contact: Mrs Walters

Email: r.walters@newbold.outwood.com

HOW WILL I BE ASSESSED?	WHAT COULD THIS COURSE LEAD TO?
This course is examined by 2 coursework units, 1 controlled assessment piece of work and 1 examination.	When combined with other qualifications within a two-year study programme, such as A Levels or a BTEC in a complementary sector, learners can progress into higher education, such as: <ul style="list-style-type: none">• BSc (Hons) in Occupational Health if taken alongside, for example, a Pearson BTEC Level 3 Diploma in Health and Social Care• BSc in Nursing or Midwifery if taken alongside, for example, a Pearson BTEC Level 3 Extended Certificate in Health and Social Care.

Law

WHY STUDY THIS COURSE?

Studying law will give you the confidence to form your own opinions, debate and discuss important issues with others and come to well reasoned conclusions based on all the facts. You will be able to look at a scenario and identify the relevant legal issues, and make judgments on whether you believe a person is guilty / liable or not guilty / not liable.

WHO IS IT FOR?

Law is for students who enjoyed English or history at GCSE, who are prepared to analyse legal scenarios and form judgments based on the facts of a case and who want to become more confident in their speaking and presentation skills.

Course Title: A-level Law

Awarding body: AQA

Contact: Miss K Gladwin

Email: k.gladwin@newbold.outwood.com

WHAT COULD THIS COURSE LEAD TO?	WHAT SKILLS COULD I DEVELOP?
<p>Studying law at A-level could lead you to the following careers / further studies:</p> <ul style="list-style-type: none">• Solicitor / Barrister• Paralegal• Police• Politics• Finance sector• Sociology• Teaching	<p>Studying law at A-level could help you develop the following skills to help you with your future education / careers:</p> <ul style="list-style-type: none">• Research skills• Problem solving skills• Negotiation / debating skills• Presentation skills• Analysis skills

COURSE BREAKDOWN

Each exam paper is made up of 25% English Legal System. The remaining 75% of each exam paper is the substantive law and these are criminal, tort and human rights. Each paper has 1 exam which has 100 marks and is 2 hours.

Paper 1 Criminal

Criminal law includes: general elements of liability, non-fatal offences, murder and voluntary manslaughter, involuntary manslaughter, theft and robbery, attempts, general defences.

Paper 2 Tort

Tort law includes: negligence, occupiers liability, psychiatric harm, pure economic loss, nuisance, Rylands v Fletcher, vicarious liability, defences and remedies.

Paper 3 Human Rights

Human rights includes: introduction to human rights, right to life, right to liberty, right to private and family life, freedom of expression, freedom of association, enforcing human rights.

Mathematics and Further Mathematics

WHY SHOULD I STUDY THIS COURSE?

These two courses provide students with an insight into many areas of Mathematics, some already familiar to them but others that will be entirely new. The material studied is suitable for students no matter what other subjects they study but is particularly suited to those studying the sciences, psychology, sociology, economics and geography, all of which have a mathematical component. The analytical skills that are developed by the course complement those in history, music, English literature and languages.

Extensive tutorial support is given to students at P16 in Maths - some students seem to live in the Maths area! Support is given to potential Oxbridge candidates.

KEY FEATURES OF THE COURSE

There are three key areas that will be assessed in Mathematics; Pure maths (algebra, calculus, trigonometry, and coordinate geometry), Mechanics (using maths to describe the physical world around us) and Statistics (including statistical calculations and probability).

WHAT KIND OF STUDENT IS THIS COURSE SUITABLE FOR?

Students who have an enquiring mind, those who are able to and enjoy puzzling things through will thrive on this course. Successful Mathematicians will be industrious and creative. Students will be expected to have a secure grasp of the key aspects of algebra before starting the course. Those students who are thinking about studying Maths, Physics or Engineering at university should seriously consider taking Further Maths.

Course Title: Maths & Further Maths
Awarding body: AQA
Contact: Mr. M Livingstone
Email: m.livingstone@newbold.outwood.com

WHAT COULD THIS COURSE LEAD TO?	COURSE BREAKDOWN
Finance and accountancy, engineering and modelling, statistical work, cryptography, operational research, theoretical physics, mathematical sciences, teaching. In fact, most jobs would value the skills and intelligence developed by mathematics.	MATHEMATICS Mathematics is broken down into; pure mathematics, mechanics and statistics. Students will sit three examinations at the end of year 13 that are equally weighted. FURTHER MATHEMATICS Further mathematics is broken down into; pure mathematics, statistics and discrete. Students will sit three examinations at the end of year 13 that are equally weighted.

Photography

WHY SHOULD I STUDY THIS COURSE?

The course is designed to develop personal responses to observations, experiences, environments and cultures, celebrating their individuality and strengths. It encourages personal learning through enquiry into Photography and enjoyment of its application in the real world, along with the acquisition of lifelong learning and creative thinking skills. This is done through careful guidance and individual target setting.

Visits- we aim to take students out about 3 times in each of the years, these trips might include a visit to Sheffield city and art galleries, London, Chesterfield College, Chatsworth, Liverpool depending what exhibitions and workshops are on.

KEY FEATURES OF THE COURSE

- The ability to work independently
- Good camera skills & editing skills
- A basic knowledge of traditional & contemporary photographers

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

Creatively minded individuals with enthusiasm for creative thinking and pushing your own boundaries. You must be enthusiastic, prepared to really explore an idea or concept and be able to work with determination and perseverance. You will have timetabled lessons and will also be encouraged to come and use the space in your free periods, an equal amount of time is expected to be spent on your studies out of lessons as in lessons.

Course Title: A Level Photography

Awarding body: AQA

Contact: Mrs M Tice

Email: m.tice@newbold.outwood.com

COURSE BREAKDOWN	HOW IS THIS COURSE EXAMINED?
YEAR 1 Portfolio of work exploring a range of skills & techniques. YEAR 2 Portfolio of work exploring an individual theme. EXAM Externally assessed assignment.	YEAR 1 Work will be assessed at regular intervals throughout the year. YEAR 2 March/April Year 13 Work will be assessed at regular intervals throughout the year. EXAM March/April Year 13
HOW IS THE COURSE ASSESSED?	
YEAR 1 Extended project with exploration & experimentation with digital photography & manipulation, leading to an appropriate conclusion. Marked internally - some work may be used to support students year 2 portfolios but Year 1 is purely about building skills, confidence and understanding for year 2. There is no formal qualification gained at the end of this year. YEAR 2 Extended project with coherent preparatory experimentation & explorations of digital photography & manipulation, leading to an appropriate conclusion. 3000 words supporting written study. Marked internally/externally moderated. EXAM Paper issued 1 st of February an initial preparatory period of about 8 weeks, 10 hour exam (final piece) 10 hours over 2 days.	

Physics

WHY SHOULD I STUDY THIS COURSE?

Physics is *EVERYTHING*.

From the very smallest part of an atom, to the edges of the Universe, Physics is at the heart. From mobile phones to microwave ovens, hair dryers to space probes, when you delve deeper, it's all Physics.

Physicists explore the fundamental nature of almost everything we know of. They probe the furthest reaches of the earth to study the smallest pieces of matter. Join us to enter a world deep beneath the surface of normal human experience.

Did you know that people with a Physics related degree (Pure Physics, Engineering or Astronomy) earn an average £20000 more per year than the national average?

Physicists attempt to gain a fundamental understanding of why the universe and its contents behave the way they do.

By studying Physics at Advanced Level you will develop and build on your current knowledge of what everything is made of and how objects move and interact. We will also study some of the phenomena which are not yet fully understood and are at the cutting edge of scientific research today.

Course Title: Physics—7408

Awarding body: AQA

Contact: Mrs Goodacre

Email: m.goodacre@newbold.outwood.com

COURSE BREAKDOWN	WHAT COULD THIS COURSE LEAD TO?
<p>What will I learn in Y12? Measurements and their errors, Particles and Radiation, Waves, Mechanics and materials, Electricity</p> <p>What will I learn in Y13? Measurements and their errors, Particles and radiation, Waves, Mechanics and Materials, Electricity, Further mechanics & thermal physics, Fields and their consequences Nuclear Physics and Option Physics (as yet undecided)</p>	<p>People who have studied Physics at advanced level have progressed to become physicists, geophysicists, aerospace engineers, medical researcher, surgeon, clinical scientist, solicitor, DJ, sound engineer, TV science advisor, TV producer, weather forecaster, jobs in the energy sector, architect, structural engineer, materials scientist, civil engineer, mechanical engineer, computer games designer, poker player, teacher, science journalist, accountant, finance/banking, actuary and many more.</p>
HOW WILL I BE ASSESSED?	
<p>Paper 1: Sections 1 - 5 and 6.1 (periodic motion) How Assessed? Written exam: 2 hours, 85 marks - 34% of A-level questions. 60 marks of short and long answer questions and 25 multiple choice questions on content.</p> <p>Paper 2: Sections 6.2 (Thermal Physics), 7 and 8 assumed knowledge from sections 1 to 6.1 How Assessed? Written exam: 2 hours, 85 marks - 34% of A-level question 60 marks of and long answer questions and 25 on multiple choice content.</p> <p>Paper 3: What's assessed section A: Compulsory section: Practical skills and data analysis. Section B students enter for section 12 How Assessed? Written exam: 2 hours, 80 marks - 32% of A-level questions. 45 marks of short and long answer questions on practical experiments and data analysis. 35 marks of short and long answer questions on optional top.</p>	

Psychology

WHY SHOULD I STUDY THIS COURSE?

Psychology is an appropriate course for anyone with an interest in understanding human behaviour. Having said this, next time you meet a psychologist don't assume that he or she can solve your problems or read your mind or don't think that he or she is trying to 'figure you out' or judge you. That is NOT the point of psychology.

Psychologists focus on things that have probably happened to you or someone you know. Ever had a word 'right on the tip of your tongue'? Does your cat come running every time it hears you opening a can? When you are driving, why do you stop at the sight of something as flimsy as a red light? Do some songs make you happy and others make you sad? Have you ever had a bad day and taken it out on your dog? Has a smell ever reminded you of an event or place in your past? Psychologists study these and other common phenomena. Psychology also plays an important part in marketing. The fact that more cereal commercials are shown at night than during the rest of the day is no accident! Why should you study this course? Because psychology is a fascinating and rewarding subject!

KEY FEATURES OF THE COURSE

Psychology is a very exciting field of study. It attempts to gain knowledge of how the mind works through the study of behaviour and, increasingly, the functioning of the brain. Psychology pushes us towards greater self-knowledge by making us more aware of our actions and personalities. There are the physiologists, child psychologists, industrial specialists, sports, cognitive and social psychologists – and that's just the tip of a very large iceberg!

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

You need skills associated with a scientific approach, such as those of research, numeracy, analysis and problem solving and information technology. You will also need to have excellent skills of written and oral communication, interpersonal and team skills and the power to learn independently. It is a very demanding course that involves a lot of reading, writing and the need to get your head around a lot of very difficult ideas, concepts, theories and research.

A key feature of the course is that overall, at least 10% of the marks in assessments for Psychology will require the use of mathematical skills, and 25% will be to show research methods.

Course Title: Psychology A-Level

Awarding body: AQA, 7182

Contact: Miss L. Turner

Email: l.turner2@newbold.outwood.com

COURSE BREAKDOWN	HOW IS THE COURSE ASSESSED?
<p>PAPER 1 Introductory topics in Psychology: Memory, Attachment, Social Influence, Psychopathology</p> <p>PAPER 2 Psychology in context: Approaches, Bio-psychology, Research methods</p> <p>PAPER 3 Issues and options in Psychology: Gender, Schizophrenia, Forensic Psychology, issues and Debates</p>	<p>All papers are examined externally. At the end of Y2, they will be worth 33.3% and last two hours each. Internal examinations take place in year 1.</p>

Sociology

WHY SHOULD I STUDY THIS COURSE?

Sociology is the central academic discipline for the study of society; it investigates how we become who we are and focuses on aspects of identity such as gender, class, ethnicity and age. Are you interested in how much these factors impact us as individuals and how this has changed over time and cultures? Are you interested in the role of large business and transnational corporations on society and individuals? Do you wonder if the education system is fair and why some students achieve better than others regardless of how much they try? **If so, then this course will be of interest to you.**

The second year of study builds on this: the Crime and Deviance module focuses on how aspects of our identity make us more or less likely to be a criminal, as well as various ways of dealing with offender behaviour. The media topic investigates the impact of emerging digital communications, such as the internet and social media, has on our identities and relationships and whether it portrays an accurate representation or not.

WHAT KIND OF STUDENT IS THIS COURSE SUITABLE FOR?

This course is suitable for anyone interested in the way our society operates. Sociology requires an inquiring and critical mind; you will need to be able to look at our society objectively and understand the differences between the UK now and in the past and the UK compared to other cultures.

You also need to have an interest in current affairs, as being able to apply your knowledge to the real world is a crucial skill. Sociology students need to be highly literate as there is a lot of reading and essay writing involved. It's a fascinating subject and makes you look at the world and your own place within it in a completely new way.

Sociology compliments other subjects such as Health & Social Care, Psychology, History and English Literature.

Course Title: Sociology

Awarding body: AQA

Contact: Miss L. Turner

Email: l.turner2@newbold.outwood.com

COURSE BREAKDOWN	COURSE BREAKDOWN
<p>Unit 1 - Education with Research Methods in Context Unit 2 - Culture and Identity and Media Unit 3 Crime and Deviance with Methods in Context</p> <p>The A-level is assessed by three x 2 hour exams</p>	<p>Year 1 consists of:</p> <ul style="list-style-type: none">• Education and Methods in Context• Research Methods• Culture & Identity <p>Year 2 consists of:</p> <ul style="list-style-type: none">• Crime and Deviance with Theory and Methods• Research Methods• Media
WHAT COULD THIS COURSE LEAD TO?	
Students can go onto study Sociology at University and are likely to pursue careers in:	
<ul style="list-style-type: none">• Education (Teacher)• Health (Nurse, Doctor)	<ul style="list-style-type: none">• Criminal Justice System• Police Officer, Lawyer

Spanish

WHY SHOULD I STUDY THIS COURSE?

Language is not a genetic gift; it is a social gift and languages undoubtedly provide endless opportunities and open many doors for learners. If you enjoyed GCSE Spanish, enjoy talking, expressing your opinions and learning about other cultures then A-Level Spanish could be for you!

The course aims to further develop the understanding of and increase confidence in the use of both the spoken and written forms. Students will use increasingly complex and accurate language when communicating. They will develop their critical insight into, and contact with, the contemporary society and cultural background of the countries where Spanish is spoken. Throughout the course students must be prepared to spend time on reading as much as possible, listening to the language on the radio, internet and TV and learning vocabulary and grammar.

You will need to be hard-working, well-organised, enthusiastic and willing to communicate in Spanish.

Course Title: Spanish

Awarding body: AQA

Contact: Mrs A Foster

Email: a.foster@newbold.outwood.com

HOW IS THE COURSE ASSESSED?	COURSE BREAKDOWN
<p>Paper 1 – Listening, Reading and Writing Written exam: 2 hours 30 minutes, 160 Marks and 50% of A level.</p> <p>Paper 2 –Writing Written exam: 2 hours 90 Marks and 20% of A level.</p> <p>Paper 3 –Speaking 60 Marks and 30% of A level.</p>	<p>3.1 Social issues and trends: e.g. Cyberspace and equal rights. Multiculturalism in Spanish-speaking society e.g. immigration, integration and racism.</p> <p>3.2 Political and artistic culture: e.g. modern day idols, Spanish identity and cultural heritage. Aspects of political life in the Hispanic world e.g. monarchies and dictatorships. ,</p> <p>3.3 Grammar</p> <p>3.4 Works Study of a book and a film in Spanish.</p> <p>3.5 Individual research project</p>

WHAT COULD THIS COURSE LEAD TO?

Students can go on to study Languages at university or the skills they have acquired will help them in one of the following professions:

Teaching; Law; I.T.; Politics; Travel industry; Army; Journalism; Business; Translation & interpreting plus many other professions!

BTEC in Sport Science

WHY SHOULD I STUDY THIS COURSE?

BTEC sports courses have been a very popular and successful course at Outwood Academy Newbold since their introduction in 2010.

On this course you will develop an understanding of the different body systems and how they work. Learn how to assess someone's lifestyle and fitness levels and learn how to create training programmes tailored to an individual's needs. You will learn to perform and administer fitness tests, assessing an individual's strengths and areas of improvement.

KEY POINTS

The BTEC Level 3 Extended Certificate in Sport is the equivalent to one A-Level and is a 2 year course. Students opting for this course will also be expected to study other A-Level subjects alongside this course. This course has UCAS equivalent points linked to equivalent A-Level grades

WHAT KIND OF STUDENT IS THIS SUITABLE FOR?

This course will appeal to students who are enthusiastic about sport and exercise as a performer, coach, instructor or an analyst. The specification will build on experiences from KS4 and more specifically from GCSE PE or BTEC Level 2 Sport.

Course Title: Level 3 Extended Certificate in Sport
Awarding body: Edexcel
Contact: Mr B Winter
Email: b.winter@newbold.outwood.com

HOW IS THE COURSE ASSESSED?

The course is made up of 4 units:

- Two external assessments 66%
- Two internal assessments 34%

Internal assessments are assignment based and you will be expected to work in groups and on your own, perform presentations, perform and lead practical sessions and complete written work.

WHAT COULD THIS COURSE LEAD TO?

This course would be an ideal option for any individual who would want to pursue sport related courses at degree level. The specification also relates to other courses including, social sciences, health and social care, leisure and recreation. Alternatively, it would also be valuable to those wishing to move directly into employment, particularly within the leisure industry.

KEY FEATURES OF THE COURSE

The course is made up of 3 compulsory units:

- Anatomy and Physiology
- Fitness Training & Programme for Health, Sport and Well-Being
- Professional Development in the sports industry

And one optional unit:

- Application of fitness testing



[Application form
for INTERNAL
candidates
\(currently attend
OA Newbold\)](#)



[Application form
for EXTERNAL
candidates
\(currently attend a
different school\)](#)