AKELEY WOOD SCHOOL

SIXTH FORM

2019 - 2021

A warm welcome to Akeley Wood Sixth Form

Our Sixth Form offers a perfect blend of academic rigour, enrichment and support. We welcome students who have a strong work ethic and who will make a positive contribution to life in this community.

As is the case throughout Akeley Wood School, we are an inclusive Sixth Form and proud to be so.

The choice of A level subjects is extensive and from September 2019 this academic offer will be enhanced by the introduction of BTECs / CTECs in Applied Science, Business, Sport and Digital Media.

We will guide you towards the pathway and subjects that you both enjoy and in which you have the optimal prospect of personal high achievement.

Outside the classroom, our co-curricular and careers programmes are exceptional. We encourage students to embrace every opportunity afforded to them.

I hope that you will want to join us for a taster day in the Sixth Form - we look forward to welcoming you.

Mrs Lotty Dee-Andrew

Head of Sixth Form

We offer over twenty A level subjects and four vocational courses.

Option blocks are formulated following the submission of subject choices so that the wishes of the upcoming Year 12 students can be met as far as possible. For this reason, we advise students to indicate their choices by March 8th 2019.

We uniquely tailor the curriculum to meet the individual needs of our learners so our offer may be subject to change.

Students are expected to have achieved a grade '6' or higher in the subjects they wish to pursue at A level. A grade 8 in Mathematics is required to pursue Further Mathematics.

For BTEC/CTEC options, entry requirements are dependent on subject and are looked at on an individual basis.

A level subjects

- Art
- Biology
- Business Studies
- Chemistry
- Computer Science
- Design Technology
- Drama & Theatre Studies
- Economics
- English Literature
- French
- Geography
- History
- Mathematics
- Further Mathematics
- Media Studies
- Music
- Music Technology
- Photography
- Politics
- Psychology
- Physical Education
- Physics
- Religious Studies
- Spanish
- Textiles (Fashion & Textiles)

BTECS

BTEC stands for 'Business and Technology Education Council', which used to run the award, first introduced in 1984. BTECs are now awarded by the Edexcel exam board and are taken in more than 100 countries at all levels, from pre-GCSE to Degree equivalent.

With a track record built over 30 years of learner success, BTEC Nationals are widely recognised by industry and higher education as the signature vocational qualification at Level 3.

BTEC equivalents:

BTEC Level 1 & 2 = equivalent to a GCSE

BTEC Level 3 = equivalent to an A-level

BTEC Level 4-5 = equivalent to 1st and 2nd year of an undergraduate degree

BTECs provide progression to the workplace either directly or via study at a higher level. Proof comes from YouGov research, which shows that 62% of large companies have recruited employees with BTEC qualifications. What's more, well over 100,000 BTEC students apply to UK universities every year and their BTEC Nationals are accepted by over 150 UK universities, including Russell Group, and higher education institutes for relevant degree programmes either on their own or in combination with A Levels.

Why are BTECs so successful?

We offer BTECs from Pearson, the UK's largest and most established examination awarding body which awards through Edexcel. BTECs embody a fundamentally learner-centred approach to the curriculum, with a flexible, unit-based structure and knowledge applied in project-based assessments. They focus on the holistic development of the practical, interpersonal and thinking skills required to be able to succeed in employment and higher education. When creating the BTEC Nationals, Pearson worked with

many employers, higher education providers, colleges and schools to ensure that their needs are met. Employers are looking for recruits with a thorough grounding in the latest industry requirements and work-ready skills such as teamwork. Higher education needs students who have experience of research, extended writing and meeting deadlines.

A word to learners - BTEC Nationals are demanding, as you would expect of the most respected applied learning qualification in the UK. You will have to choose and complete a range of units, be organised, take some assessments that Pearson will set and mark, and keep a portfolio of your assignments. But you can feel proud to achieve a BTEC because, whatever your plans in life – whether you decide to study further, go on to work or an apprenticeship, or set up your own business – your BTEC National will be your passport to success in the next stage of your life.

CTECS

Cambridge Technicals are designed with the workplace in mind and provide a high-quality alternative to A levels. They are very similar to BTECs. Whereas BTECs are awarded through Edexcel, CTECs are awarded by the examination board OCR. The benefits are akin to the BTEC qualification.

Vocational education is about educating people in the knowledge and skills required for employment and for the community as a whole. It's also about developing the behaviours and attributes needed to progress and succeed in education and in work.

UCAS

For each BTEC/CTEC course you can calculate the UCAS points based on a Merit to Distinction on the UCAS tariff calculator.

https://www.ucas.com/ucas/tariff-calculator

UCAS Tariff points are allocated to qualifications generally studied between the ages of 16 to 18. The main purpose of the UCAS Tariff is for universities to report data to government bodies.

We are offering BTEC Level 3 qualifications, each equivalent to one A level in Applied Science, Business and Sport. We are offering a CTEC qualification in Digital Media which is equivalent to one A level.

A distinction is equivalent to a grade A at A level.

As entry to university and the workplace becomes increasingly competitive for young people, participation in our huge range of extra-curricular activities helps our Sixth Formers to stand out from the crowd during the application and interview process.

Our careers programme includes specialist external advisors offering 1:1 support and advice. Students have access to the bespoke on-line platform 'eCLIPS' to support their research into options beyond Akeley, whether these are in education or employment.

The Extended Project Qualification (EPQ)

Year 12 students may undertake the EPQ, choosing a topic of interest for extensive study, culminating in a 5,000 word dissertation, musical or dramatic composition, or report or artefact, backed up with comprehensive evidence. Worth half an A-level (up to 70 UCAS points), the EPQ helps to develop independent learning and research skills, and is a valuable asset for university entry.

An Enhanced Educational Offer

English Speaking Board

Throughout their school careers, we support every student in finding their distinct voice, buoyed by the confidence and freedom to fully express themselves. The English Speaking Board is a great way of doing this, through discussion, debate and presentation. Our Sixth Formers are encouraged to undertake an Advanced Certificate in Spoken English to reflect their newfound skills, accredited by the ESB and recognised by universities and employers.

Sports Leadership

Sixth Formers showcasing enthusiasm for collaboration and a particular aptitude in the sporting arena have the opportunity to assist teachers in coaching younger students, and work towards the Community Sports Leadership Award. Not only does this programme help young people become more active and community-minded, but it also instils coaching and leadership skills that prove invaluable at university and in the workplace.

We place high expectations on our Sixth Form students, in terms of their academic achievement, their contribution to school life and in identifying and fulfilling their future prospects.

Recognising the huge importance of pastoral care, good communication and in-depth understanding of all our individual students, we dedicate ourselves to a three week cycle of focused tracking and monitoring of their progress, signposting any need for intervention in order to sustain development.

Individual students meet fortnightly with an assigned academic mentor who will support them in ensuring their work ethic is good and their progress is in line with expectation. These catch-ups also offer a forum to discuss their personal well being and address any concerns they may have.

Our flourishing Sixth Form is proven time and again to turn out academically and creatively successful, resilient and confident young people, ready to embrace their chosen path of university, an apprenticeship or the workplace.

Academic Rigour & Support

Through our Exceptional Potential programme and our Oxbridge preparation group, we are able to identify and support our academic stars, while our tailored teaching and mentoring extends to all Sixth Form students the valuable chance to reach new heights, discovering potential they may not have known they were capable of hitting.

Global Perspective

Each year, Sixth Formers gain the memorable opportunity to participate in an overseas volunteer programme. In 2018 our students visited Sri Lanka and there are great things planned for 2019. Students participated in fundraising over the course of the academic year for their travel and then spent their summer holiday working to assist local communities with building and renovation, social care, education and training projects, as well as taking their chances on the cricket field against local teams.

We emphasise throughout Sixth Form the many benefits of participating in and driving charity and community schemes around Akeley Wood, and many of our students eagerly take up the challenge, volunteering and supporting projects within the local community and nationally.

Being part of an international group of schools opens up further opportunities for our students. There are Cognita wide careers and UCAS conferences and networking between Cognita schools. This year we are welcoming students from a Cognita School in Chile and there are regular inter-school Skype based teaching opportunities.

With Privilege Comes Responsibility

Empowering our students with new responsibilities serves to build their confidence, improve courtesy and crucially, to fine-tune their communication skills. There are numerous opportunities including being Prefects, Heads of School, Subject Ambassadors, School Council members, Sports Leadership and coaching, placements at Bardwell SEN School, assisting at Akeley Junior School after school club and mentoring and coaching of younger students.

Indeed, by the end of Sixth Form, our students have truly found their unique voice, and will be ready to progress into the wider world with a very real sense of identity.

A level options

Art

Why study Art at A Level?

This is an exciting, vibrant, explorative course which will enable you to create a personal investigation (coursework project). It is a two-year linear course culminating in a 15-hour examination based upon an externally set assignment - the examination time is used to create a final piece for the exam project. Students will produce practical, experimental and critical/contextual work, which incorporates drawing, painting, mixed media, sculpture, photography, ceramics, printmaking and installation. The work created should demonstrate use of the formal elements and creative skills, and will give form to student's own thoughts, feelings and ideas. Students will be encouraged to experiment and be inquisitive, as well as to explore the world in a variety of ways.

What skills, interests and academic qualifications are required to study Art at A Level?

The challenges presented by the course are both with independent working and a passion for the creative arts and ways of expression. Students will be expected to write an accompanying essay to support their personal study and therefore communication through literacy is important as well as having a clear commitment to the subject, a creative background of some type (art, photography, textiles) and an understanding of visual literacy.

Where will studying Art at A Level take you in the future?

This course can lead to a university degree in many subjects, an art related 18+ course such as an Art Foundation Course or employment. Typical fields include fine art, graphics, history of art, fashion, product design, architecture, theatrical design, textiles, modelling, animation, education, travel and tourism.

Course Specifications

Exam Board: Edexcel

Biology

Why study Biology at A Level?

A Level Biology gives you a unique opportunity to develop biological knowledge and understanding across many areas. The first year is designed to build your understanding of foundation concepts, such as biological molecules, enzymes, exchange surfaces, transport in plants and animals, biodiversity, evolution and communicable diseases.

Year 2 enables the application of these foundation concepts to genetics, ecosystems, and communication in plants and animals. The course will help to develop practical and analytical skills, including fieldwork, and you work towards a practical skills endorsement that is awarded alongside your final A Level grade. The course will complement studies in other A Level subjects such as Chemistry, Physics, Maths, Physical Education and Geography.

What skills, interests and academic qualifications are required to study Biology at A Level?

- Practical/investigative skills such as problem solving.
- Communication – the ability to reason clearly, communicate complex ideas, and work with others.
- Application of number – presentation and analysis of data using statistical techniques.
- A fascination with the living world.
- A willingness to carry out further reading, including an interest in topical issues.

Where will studying Biology at A Level take you in the future?

There are a huge range of further education opportunities and careers associated with A Level Biology. These include:

Agriculture: Animal husbandry; Farm management; Veterinary science; Agricultural product testing; Agricultural engineering; Agricultural sales and marketing.

Biomedicine - Medicine; Dentistry; Clinical science; Physiological measurement; Pharmaceutical industry; Radiography and radiotherapy.

Communications - Information science; Journalism; Publishing; Broadcasting; Film and video; Museum work; Science promotion.

Education - Teaching and lecturing; Laboratory support; Educational resources; Psychology; Sport and fitness training; Health and safety.

Environment - Ecology; Environmental protection; Waste management; Nature conservation; Environmental health; Town and country planning.

Food and Drink - Brewing; Food quality assurance; Food product development; Catering technology; Pest control; Food and drink retailing.

Course Specifications

Exam Board: OCR

Business Studies

Why study Business Studies at A Level?

Students are introduced to Business in Themes 1 and 2 through building knowledge of core business concepts and applying them in context to develop a broad understanding of how businesses work. Students are encouraged to use an enquiring, critical and thoughtful approach to their studies, to understand that business behaviour can be studied from a range of perspectives and to challenge assumptions.

Business Studies is a linear A Level examined through 3 standalone papers at the end of Year 13 (of 2 hours each).

The two-year course is split into four themes. We aim to cover themes 1 and 2 during year 12 and themes 3 and 4 during year 13. We try to invite guest speakers from the world of work and wherever possible go out to visit businesses in person.

Theme 1: Marketing and People
Theme 2: Managing Business activities
Theme 3: Business Decisions and Strategy
Theme 4: Global Business

Paper 1: Marketing, people and global businesses (35%) 100 marks. Written Examination 2hrs

In this theme, students are introduced to the market, explore the marketing and people functions and investigate entrepreneurs and business start-up.

This theme enables students to understand how businesses identify opportunities and to explore how businesses focus on developing a competitive advantage through interacting with customers. Students will explore marketing and marketing strategy and will consider how effective this can be. They will also look at the market and market forces and look at the influence of customer demand and business supply. Students develop an understanding of how businesses need to adapt their market to operate in a dynamic business environment.
This theme also considers people, exploring how businesses recruit, train, organise and motivate employees, as well as the role of enterprising individuals and leaders.

Paper 2: Business activities, decisions and strategy (35%) 100 marks. Written Examination 2hrs

In this theme, students explore the finance and operations functions, and investigate external influences on business. This theme enables students to develop an understanding of raising and managing finance, and measuring business performance.

The theme also outlines the importance of using resources efficiently within a business to ensure that goods or services can be delivered effectively and efficiently, and to a high quality. Students also consider the external influences that have an impact on businesses, including political economic and legal factors.

Paper 3: Investigating business in a competitive environment (30%) 100 marks. Written examination (based on pre-release case study)

In this theme, students develop their understanding of the concepts introduced in previous themes and explore influences on business strategy and decision-making. This theme moves from functions to strategy, enabling students to develop their

understanding of the core concepts and to take a strategic view of business opportunities and issues on a wider scale. Students analyse corporate objectives and strategy against financial and non-financial performance measures and how businesses grow. They will develop an understanding of the impact of external influences. The theme covers the causes and effects of change and how businesses mitigate risk and uncertainty.

Where will studying Business Studies at A Level take you in the future?

A level Business Studies is a highly regarded qualification which is an excellent grounding for future university study or students wishing to go into the world of work. Business opens doors to many jobs such as: Accountant, Lawyer, Finance/Financial services, Management consultancy, Marketing/Advertising, Retail, Distribution/logistics, Insurance, Banking, Trading, Teaching, Personnel/Human resource management, Market research, Public Relations (PR), Sales. However, did you know that all of the following studied business? Arnold Schwarzenegger, Andrew Strauss, Cate Blanchett, Danny Glover, Ed Miliband, Russell Howard, Lionel Ritchie, Kevin Costner.

Chemistry

Why study Chemistry at A Level?

Chemistry helps us to understand the world in which we live and underpins a wide range of science-based degree courses and careers. This course is designed to be stimulating, enjoyable and challenging. We want you to develop a passion for the subject and understand its practical relevance, as well as learn from the experiences of those already in the industry.

Class time is supported by trips, spectroscopy workshops with University of Oxford, the Cambridge University Chemistry Challenge, the RSC Chemistry Olympiad and membership to the RSC Chem net.

What skills, interests and academic qualifications are required to study Chemistry at A Level?

- GCSE Science and Additional Science or Chemistry
- An inquisitive mind to find out why chemicals behave in a certain way.
- A willingness to work hard and to carry out further reading, including an interest in topical issues.
- Good mathematical skills. (The maths content of the A level has increased to 20%.)
- The desire to blow things up?!

Where will studying Chemistry at A Level take you in the future?

Success with A level chemistry will prepare you for a future in chemistry, pharmacy, pharmacology, chemical engineering, biochemistry, biomedical sciences, medicine and dentistry.

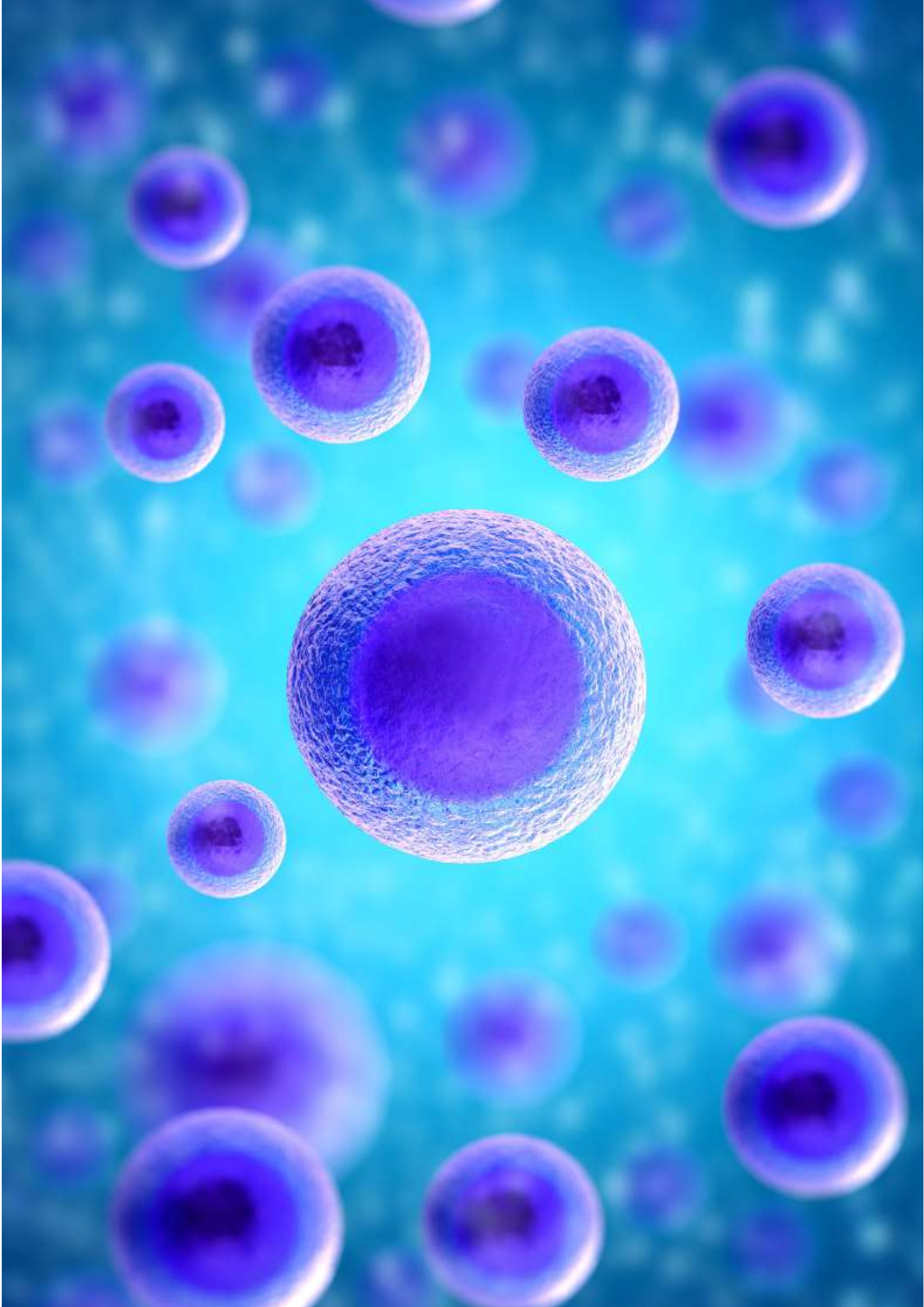
What will you learn?

In the first year we'll develop your GCSE understanding and give you a clear foundational introduction to this higher-level study. You'll learn about physical, inorganic and organic chemistry. You will also undertake a series of practicals to develop your skills and the exam papers will include questions on the theory of practical work and interpretation of both quantitative and qualitative results.

In the second year of the A level course you will take the foundational topics and study them in further depth. Topics will include thermodynamics, rate equations, aromatic chemistry and protein synthesis. You will also have the opportunity to further develop your practical skills and learn how to problem solve and interpret data. This course will teach you problem solving, teamwork, numeracy, communication and practical skills, as well as hugely valuable independent study and reasoning skills.

Course Specifications

Exam Board OCR A



Computer Science

Why study Computer Science at A Level?

We live in a digital age like it or not computer programs have infiltrated every aspect of our lives. Computer Scientists are needed in every type of industry and you are likely to have the opportunity to work with and in a diverse range of cultures. Day in, day out computer scientists are theorising, designing, developing and applying new software and hardware to enable us to better our lives. The job opportunities that exist at the end of your journey probably do not currently exist. This subject gives you the platform to develop the solutions for future opportunities.

What skills, interests and academic qualifications are required to study Computer Science at A Level?

Students should be logical, mathematical and have a willingness to challenge themselves. It is important that you are willing to get involved with a group and be calm in stressful situations. There is no one best method so it is important that you are creative and can be diverse in the sources of help that you can access and utilise. Above all you need to be willing to read and write a lot of code and be able to learn from your failures and move on and maximise the tools at your disposal.

Where will studying Computer Science at A Level take you in the future?

Potential opportunities through Computer Science change every year with improvements in infrastructure and systems providing new careers paths every year. Currently some of the top jobs are:

- Software Developer
- Hardware Design Engineer
- Database Administrator
- Systems Analyst
- Network Architect
- Web Developer
- Cyber Security Specialist
- Computer Programmer
- App Developer
- System Manager
- Project Manager
- Computer Games Designer

Course Specifics

Exam Board OCR A

Computer systems (01)

2 hours 30 mins 40%

Algorithms and programming (02)

2 hours 30 mins 40%

Programming project (03)

Non-exam assessment 20%

Component 01: Computer systems

Students are introduced to the internal workings of the (CPU), data exchange, software development, data types and legal and ethical issues. The resulting knowledge and understanding will underpin their work in component 03.

- The characteristics of contemporary processors, input, output and storage devices
- Types of software and the different methodologies used to develop software
- Data exchange between different systems

Component 02: Algorithms and programming

This builds on component 01 to include computational thinking and problem-solving.

- What is meant by computational thinking (thinking abstractly, thinking ahead, thinking procedurally etc.)
- Problem solving and programming – how computers and programs can be used to solve problems
- Algorithms and how they can be used to describe and solve problems.

Component 03: Programming project

Students are expected to apply the principles of computational thinking to a practical coding programming project. They will analyse, design, develop, test, evaluate and document a program written in a suitable programming language. The project is designed to be independently chosen by the student and provides them with the flexibility to investigate projects within the diverse field of computer science. We support a wide and diverse range of languages.

Additional support with development of programming skills runs every week on a Wednesday and Friday lunchtime in IT1.

Opportunity to enter national programming competitions including Bebras, TCS Oxford Computing Challenge and the British Informatics Olympiad.

Design Technology

Why study Design Technology at A level?

If your strengths are in creativity and innovation then Design Technology could be for you.

This is an exciting and challenging curriculum where you will have access to a range of materials and technologies and encouraged to apply your learning to designing your own product while looking at the impact that product design has on society, and learning about industrial processes and practices.

A Level Design Technology equips students with design skills for the future

Students will be able to recognise design needs and develop an understanding of how current global issues, including integrating technology, impacts on today's world. At A level students will have the confidence to innovate and produce creative design solutions as they develop their own design brief with a client/end user.

Progression from GCSE and beyond to HE/ Careers

The GCSE and A level qualifications have been designed together to ensure clear progression of knowledge, understanding and design/making skills so that students will have a coherent experience of moving from the breadth of the GCSE to the specialisation depth of A level and beyond.

This course consists of:

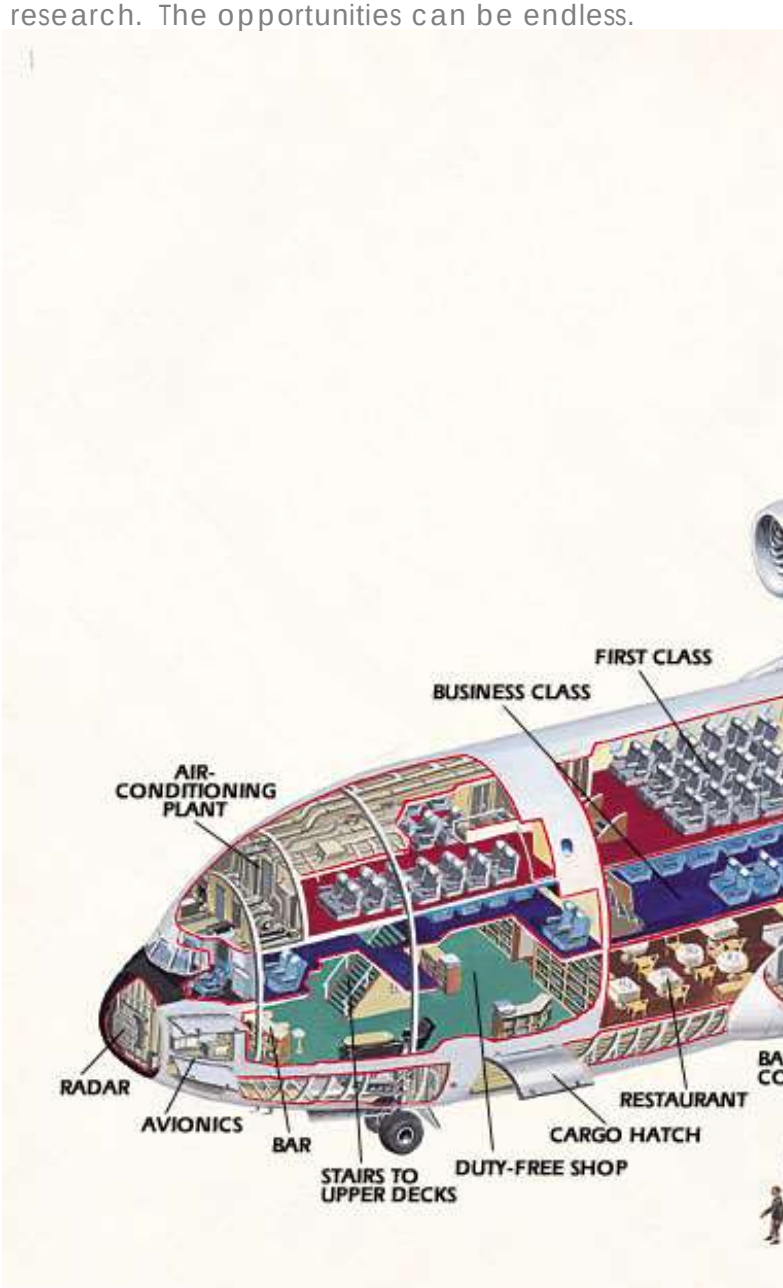
50% coursework

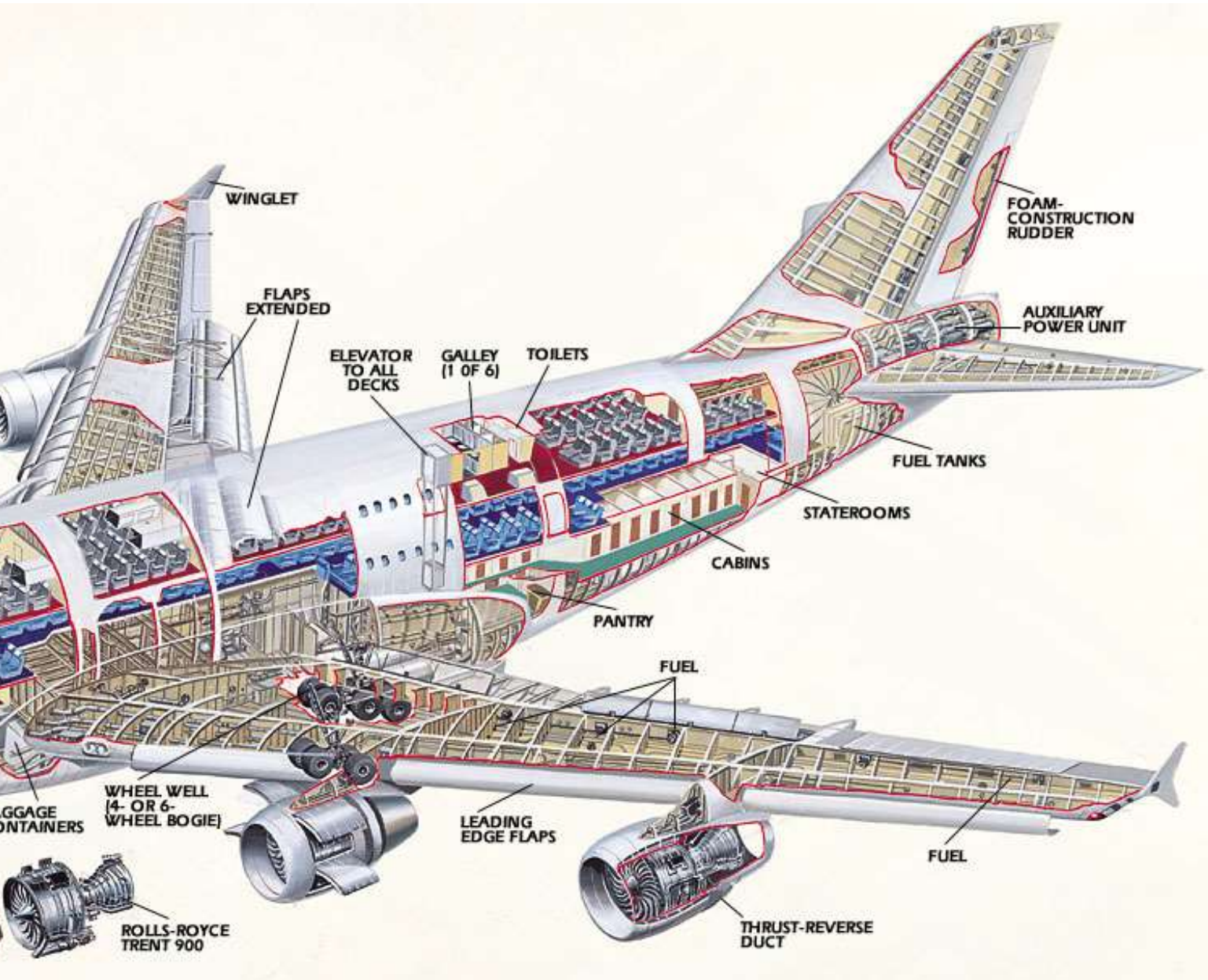
50% written examination

Where will this course lead me?

You could go onto university to study a wide range of degree courses in areas such as medicine, veterinary science, pharmacology, chemical engineering, biochemistry and environmental science.

You could have a starting point in careers in aerospace engineering, medicine, dentistry, veterinary medicine, forensic science, and chemical engineering, the food industry, nursing, radiography, pharmacy, and research. The opportunities can be endless.




WINGLET
FOAM-
CONSTRUCTION
RUDDER
FLAPS
EXTENDED
AUXILIARY
POWER UNIT
ELEVATOR
TO ALL
DECKS
GALLEY
(1 OF 6)
TOILETS
FUEL TANKS
STATEROOMS
CABINS
PANTRY
FUEL
WHEEL WELL
(4- OR 6-
WHEEL BOGIE)
LEADING
EDGE FLAPS
FUEL
THRUST-REVERSE
DUCT
ROLLS-ROYCE
TRENT 900

Drama and Theatre Studies

Why study Drama and Theatre Studies at A Level?

Drama and Theatre Studies we look at plays from the point of view of a director, designer, performer and critic. The course combines the activities of exploring and performing plays, creating and analysing theatre, and the critical evaluation of all of these elements. Students completing the course successfully will have strong analytical and creative skills, gain a thorough understanding of drama and theatre and have an ability to communicate effectively with others.

Studying Drama will develop your understanding and appreciation of the significance of social, cultural and historical influences on the development of drama and theatre. You'll experience a range of opportunities to develop a variety of dramatic and theatrical skills, enabling you to grow creatively and imaginatively in both devised and scripted work. The course is designed to give you a thorough understanding of drama and theatre, including critical concepts and specialist terminology that will enable you to integrate theory and practice.

What skills, interests and academic qualifications are required to study Drama and Theatre Studies at A Level?

You will need to have a keen interest in Drama of many forms. The course is both theoretical and practical.

Where will studying Drama and Theatre Studies at A Level take you in the future?

The course can be successfully combined with a wide range of subjects and provides a suitable foundation for the study of Drama or a related area through a range of higher education courses. (e.g. a degree course in university, a practical training in drama/ stage school) or direct entry into employment. In addition, the course provides a coherent, satisfying and worthwhile course of study for candidates who do not progress to further study in this subject.

Course Specifications

AQA A Level Drama and Theatre Studies

Economics

Why study Economics at A Level?

- Debating economic issues such as inequality, immigration and how we should pay for healthcare
- Using and interpreting data to analyse economic problems and discussing alternative courses of action
- Keeping up to date with national and international trends

What skills, interests and academic qualifications are required to study Economics at A Level?

It doesn't matter if you haven't studied economics before. You might have an interest in economics and want to know more about the impact economics has on the world around you. You might want to investigate some of the stories you hear in the news – Why do some economies grow and others don't? Will the Eurozone survive? Why didn't economists predict the Global Financial Crisis?

Where will studying Economics at A Level take you in the future?

What could I go on to do at the end of my course? There are degrees in pure Economics or courses which combine Economics with other subjects such as Business, Management or Politics. Economics is useful for careers in business management, banking, finance, accountancy, journalism and for anybody who wishes to understand the society we live in and the world around us.

Course Specifics

If you are interested in studying A Level Economics you should start to find out more about the subject by visiting the Edexcel website:

www.edexcel.com

Exam Board: Edexcel

There is a lot of useful information about what you will be studying and how you will be assessed

Talk to Mrs Wicks and Mrs Cuthbert who will be able to describe the course in detail and advise you of what you need to do next when it comes to your options

Find out what is happening in the world of economics by watching the news and relevant TV programmes or by visiting the business sections of websites such as the BBC

English Literature

Why study English Literature at A Level?

- Discover new worlds, people and stories.
- Understand how Literature has been inspired by and created the world in which we live.
- Experience new genres and discuss writers who move the boundaries of everyday fiction.

Literature will inspire you to unlock your own voice in response to the texts you study, encouraging you to become more critical and independent in your reactions as a reader. It will develop your understanding of the historic, social and political contexts in which a range of writers received their influence and which inspired them to put their experiences on to paper for others to enjoy.

What skills, interests and academic qualifications are required to study English Literature at A Level?

The main skill that you should possess for studying A Level English Literature is an appreciation of the written word and of how this can be interpreted in a number of ways. Unsurprisingly, a desire to read widely both for interest and to fulfil elements of the course will be of key importance for this subject.

Academically, a keen interest in the subject of literature in all its forms and an enquiring mind which is ready and willing to challenge the conventional is recommended when choosing this course of study.

Where will studying English Literature at A Level take you in the future?

A Level English Literature is a highly regarded academic subject. University admissions require students to convey a level of academia in their choice of subjects which will ensure that the students to whom they open their doors are prepared for the demands of graduate study – English Literature will certainly prepare you for this eventuality.

Moreover, English Literature is a subject which is invaluable when applying for a range of courses, such as Law, History, Business and PPE. Indeed, people who have studied English Literature at tertiary level have included film directors, play wrights, publishers, politicians, actors and musicians – this course of study opens many doors.

If a university education is not for you, then the working world will certainly appreciate an individual who can express their opinion in a structured way, who can understand a range of interpretations on a topic and who can support the ideas of others by considering the wider implications of those ideas.

Department Support:

- Theatre Trips will be organised to experience live performances of the set play texts
- Visits to local and national Literary Events and Festivals will be organised for the students

Course Specifics

Exam Board: OCR

Geography

Why study Geography at A Level?

A Level Geography is not only an intensely exciting and contemporary subject, but it encompasses so many different subjects which students will have experienced during GCSE.

There are elements of mathematics, biology, chemistry and even psychology within the new A Level and therefore, it uses a range of different skills such as statistics, essay writing, cartographical, graphical and analytical skills making it one of the most valuable subjects for universities and employers. Geography is one of the most diverse qualifications available, this is due to the breadth of topics which we study from natural hazards to urbanisation in world cities.

What skills, interests and academic qualifications are required to study Geography at A Level?

To study Geography, students must take an active interest in the world around them and should have a good basic understanding of both physical and human geographies. Students will have to be able to work independently as, the majority of homework tasks are independent wider reading tasks.

Where will studying Geography at A Level take you in the future?

At Akeley Wood we study AQA A Level Geography which comprises of three units;

- Physical Geography (Water and the Carbon Cycle, Coasts and Hazards)
- Human Geography (Global Systems and Global Governance, Changing Places and Contemporary Urban Environments)
- Non Examined Assessment

As part of the A Level course students are taken to Slapton and Plymouth for 4 days of residential field work where they will collect the data for their NEA.

Course Specifics

Exam Board: AQA

History

Why study History at A Level?

As a history student, you will never experience the events that you study; instead you have to build up a picture from the evidence that has been left. You have to become skilled at asking questions, sometimes awkward questions; you have learned not to take everything at face value.

Historians are trained to look for bias and prejudice in all the evidence they study. They know that human beings often have strong views on many subjects, which may affect the statements they make. Imagine believing everything you read in the papers, or believing every statement that politicians make! History helps you to make decisions about other people and to decide if you trust what they say.

What skills, interests and academic qualifications are required to study History at A Level?

You need to be able to master a lot of factual information quickly and accurately to build your argument; to use books effectively to pick out relevant information and to understand relatively academic language; to analyse, evaluate and explain events and problems; and develop sufficient linguistic skills to write a clear and logical essay. If you have a natural interest in society around you and are interested in current affairs, then you will almost certainly enjoy studying History.

If reading, acquiring knowledge about societies in the past, discussion, playing with ideas and arguments, and analytical writing appeal to you, then you will almost certainly love studying History. It is not essential to have studied it for GCSE, but success in English GCSE may well be a good guide as to your likely aptitude for the subject

Where will studying History at A Level take you in the future?

You have to develop empathy and understanding of the actions and achievements of others; you have to be prepared to put your case and argue it well; you have to use evidence to draw conclusions and make judgements. These skills are highly desirable in many different careers and A -Level History is excellent training for any career where you have to use evidence or make decisions, especially where those decisions affect other people.

History students are not just limited to "becoming another history teacher" (unless they want to of course!) Nor are they destined to gather dust in a museum or library (again unless they want to!) There are so many careers out there that require the skills that a study of history can bring; law, medicine, business, finance, accountancy, tourism, town planning, politics, journalism, research to name but a few!

Exam Board: AQA

Course Code: 7042

Year 12:

Unit Code	Unit Content	Assessment
Y107	Option A: Medieval and Early Modern **1035-1642**	Written examination based on source and essay questions . (1 hour 30mins)
Y221	Option B: Modern **1774-1975** Dictatorship and Democracy in Germany **1919-1963**	Written examination based on questions. (1 hour)

Year 13:

Unit Code	Unit Content	Assessment
Y100	Coursework which requires candidates to understand, analyse and evaluate the ways in which the past has been *interpreted* in debates between historians and appreciate the conflicting information presented from a range of primary evidence.	One 3000-4000 word independently studied essay on a topic of your choice. No set word limit. Question will be authorised by OCR. Guidance and support given. Weighting: 20% A Level
Y312	Popular Culture and the Witchcraze of the 16th and 17th Centuries. This theme focuses on the nature and development of popular culture as well as the circumstances surrounding the growth, extent and decline of the Witchcraze in the 16th and 17th centuries.	Thematic essay based examination: Written examination (2hours 30 Mins). Weighting: 40% A Level

Mathematics

Why study Mathematics at A Level?

- Develops your analytical, research and problem-solving skills.
- Gives you the knowledge to tackle scientific, mechanical, coding and abstract problems.
- Develops the logic to tackle everyday issues like planning projects, managing budgets and even debating effectively.
- Fits in well with many other subject combinations.
- Well respected by universities and employers.

What skills, interests and academic qualifications are required to study Mathematics at A Level?

- Enjoyment of Mathematics and applying mathematical knowledge to problem solving.
- Interest in increasing the depth of understanding by being able to undertake independent study to solve various styles of questions not just those taught in lessons.
- Exceptional algebra and number work involving surds and indices.
- Grade 7 or above at GCSE in order to be able to access the topics being taught.

Where will studying Mathematics at A Level take you in the future?

- Accounting
- Medicine
- Engineering
- Forensics
- Finance
- Business
- Consultancy
- Teaching
- IT
- Games Development
- Scientific Research
- Programming
- Design
- Construction

Course Specifics

Exam Board: Edexcel

We subscribe to Pearson online resources:

www.pearsonactivlearn.com

We use MyMaths for additional teaching resources:

www.mymaths.co.uk

Further Mathematics

Why study Further Mathematics at A Level?

For Further Mathematics students study the entire A level in Year 1 and the Further Mathematics in Year 2.

- Develops your analytical, research and problem-solving skills.
- Gives you the knowledge to tackle scientific, mechanical, coding and abstract problems.
- Develops the logic to tackle everyday issues like planning projects, managing budgets and even debating effectively.
- Fits in well with many other subject combinations.
- Well respected by universities and employers.

What skills, interests and academic qualifications are required to study Further Mathematics at A Level?

- Enjoyment of Mathematics and applying mathematical knowledge to problem solving.
- Interest in increasing the depth of understanding by being able to undertake independent study to solve various styles of questions not just those taught in lessons.
- Exceptional algebra and number work involving surds and indices.

Where will studying Further Mathematics at A Level take you in the future?

- Accounting
- Medicine
- Engineering
- Forensics
- Finance
- Business
- Consultancy
- Teaching
- IT
- Games Development
- Scientific Research
- Programming
- Design
- Construction

Course Specifications

Exam Board: Edexcel

Exam Board Edexcel

https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html

We subscribe to Pearson online resources:

www.pearsonactivlearn.com

We use MyMaths for additional teaching resources:

www.mymaths.co.uk

A grade 8 or above is required at GCSE to study this A level subject.

Media Studies

Why study Media Studies at A Level?

Media Studies is an academic subject that combines theoretical analysis, contextual understanding, critical debate with practical application. Learners develop critical, analytical, and creative skills, along with improving communication, and their ability to work independently. They also develop their skills of self-reflection.

Contemporary media is a powerful influence on our lives, encoding key messages, themes, values, and ideologies. Studying Media Studies gives pupils the opportunity to learn about culture and society, enabling a deeper understanding of values, beliefs, and identity, and assesses the effect of advances in digital technology on individuals and organisations.

What skills, interests and academic qualifications are required to study Media Studies at A Level?

The Media Studies A Level course comprises the close study of a wide range of media texts, together with a component of practical coursework. Successful candidates usually enjoy engaging with contemporary issues and debates, and applying close analysis to a range of different media forms, such as Newspapers, TV, Music Videos, Video Games, Radio, and Film. Students should enjoy participating in class discussions, sharing new ideas, and debating media and audience theory. Students should also enjoy the creative process, with a desire to create their own print media and audio/visual sequences. A good grade in English Language or Literature GCSE is desirable. Pupils do not need prior media or practical production experience.

Media Studies can be taken with any combination of subjects, and works well alongside A Levels in: English, Art, Business, Economics, Politics, Philosophy, Sociology, Psychology, Photography, History, Drama,

Where will studying Media Studies at A Level take you in the future?

Many leading universities provide undergraduate and/or postgraduate courses in Media, Media Communication, TV and Film Production. Pupils choosing Media Studies go on to a wide range of universities, including many of the Russell Group Universities, with Warwick, King's College London, Cardiff, Leeds, Newcastle, Exeter, and Sussex ranked in the top 10. The choice of courses is diverse, ranging from the theoretical to the wholly practical including, and not exhaustive: Media Studies, Film studies, Film and TV Production, PR, Advertising, Journalism, Education, Art, Drama, and English. However, a Media Studies A Level is also valued on non-related subject courses because of the strength of critical and analytical skills developed in students.

A Level Media studies also provides an excellent understanding of issues, production processes, and debates in preparation for a level 4/5 apprenticeship route, through industry providers such as: BBC, CH4, Sky, Guardian Newspaper, ITV, and many other smaller media production companies.

Course Specifics

Exam Board: Edugas

Modern Foreign Languages

Why study MFL at A Level?

The broad topic areas covered in the AS course are the changing role of family life, cyber society, charity work, the notion of heritage, the popularity of contemporary music and the variety of cinema.

You will learn how to analyse, evaluate, argue a case, justify and develop arguments, present viewpoints in speech and writing, explore and develop an understanding of the contemporary society and cultural background of the countries where the target language is spoken.

At A2 level the broad topic areas are Current Social Issues, Aspects of Political Life, as well as the study of a film and a novel (literary text).

At AS and A2 level the examination consists of 3 Papers: Listen Read and Write; Speaking – including an individual research project; and the Writing Paper.

What skills, interests and academic qualifications are required to study MFL at A Level?

A grade 6 in the target language but also a passion for learning new language skills and discovering culture. You must be keen to broaden your knowledge on all aspects of life!

We chose to study a language as it gives us life -long skills and the ability to cope in the modern ever-changing society!

Where will studying MFL at A Level take you in the future?

The traditional role of A-level as a gateway to further study gives entry to Further Education to read for a degree. The A-level also offers as evidence to prospective employers your significant level of achievement in all language skills, together with evidence of critical insight and a knowledge of and understanding of another culture and the place of that culture within European development.

We use a variety of materials including the course books as advocated by the examination board and further supplement with various resources. Students are strongly encouraged to read foreign newspapers, listen to target language radio and watch foreign films. The course is challenging and requires dedicated study every day.

Course Specifications

Exam Board: AQA

Music

Why study Music at A Level?

This course caters for a wide range of musicians and focuses on the key areas of listening, performing and composing. Students will study music history through the analysis of set musical works as well as wider listening. Students will need to be able to listen critically to music and be able to appraise and demonstrate an in-depth knowledge of the musical elements, musical contexts and musical language.

A variety of genres and styles will be studied, ranging from the Western Classical Tradition to poplar music styles. Students are also required to perform a recital lasting 10-12 minutes in length. Students are free to choose any instrument(s) and/or voice(s) and perform music in any style. Students are expected to enter the A level music course at a performance level that corresponds to Grade 5/6 of of examination boards such as the Associated Board of the Royal Schools of Music, Trinity Guildhall, Rockschool, and the London College of Music. Students will compose music in a variety of styles and genres, using Sibelius notation software to realise their compositions. Students will complete two compositions, one to a brief set by the exam board, and the other a free choice.

Students are also expected to take a leading role within the music department, participating in ensembles, running a rehearsal or helping with smaller ensembles and clubs. This aspect is vital for the development of the student and their understanding of performance and rehearsal techniques.

What skills, interests and academic qualifications are required to study Music at A Level?

A GCSE Music grade of 6 and above is a requirement. Students who have not taken GCSE music, would be expected to have their Grade 5 theory and enter the course with the ability to perform pieces with a minimum standard of Grade 5/6 on their chosen instrument (or voice). Exceptions may be made on consultation with the Director of Music. It is expected that an A level Music student has a weekly lesson on their solo instrument (or voice) and practices regularly.

Where will studying Music at A Level take you in the future?

The course provides an excellent basis for lifelong learning and for Higher Education courses in Music, and many students who take A level Music continue their studies at university. The three units of the course can lead to studies in performance, composition, musicology, ethnomusicology, conducting, popular music, jazz and music education.

Course Specifications

Exam Board: AQA

Music Technology

Why study Music Technology at A Level?

Students taking Music Technology will be heavily involved with the music department during the course of the year. Not only will they be involved in music performing, but also in setting up recording sessions for GCSE candidates, A level candidates and also school concerts. They will be heavily involved in setting up and running the sound for Akeley Woodfest (our annual music festival). Students will learn about the correct way to mic up drum kits, guitars and vocals. This will lead to producing a Multi-Track recording taken from any style from 1910 to the present day. Not only do they control the recording session but they are required to mix the recording to a professional standard.

Music Technology is one of the fastest growing subjects within the UK. Students will learn a wide range of skills including Midi and Audio Sequencing, Mixing, Audio Editing, Multi-tracking. In addition, the students on the course will develop general musicianship skills in areas such as performance, composition and arranging.

What skills, interests and academic qualifications are required to study Music Technology at A Level?

At the end of the course, all coursework and exam papers will be externally assessed by Edexcel. Students will learn from a variety of teaching sessions and self-motivated study. It is vital that students attend all sessions and are prepared to devote a reasonable amount of time in order to develop their skills. Learning to use the technology creatively is like learning a new musical instrument, it requires practice.

Where will studying Music Technology at A Level take you in the future?

The course provides an excellent basis for lifelong learning. There are many opportunities in Higher Education, and many career possibilities for those proficient in handling music technology. GCE Music Technology has been widely accepted by Higher Education providers and an A level in Music Technology will continue to provide valuable experience and preparation for students aiming for further study in the subject. Study in Music Technology could lead to careers in the record industry, sound engineering, record producing, and music education.

Course Specifications

Exam Board: Edexcel

Photography

Why study Photography at A Level?

Photography develops many creative and practical skills.

Photography is a Creative Art but it is also History, Politics and Social commentary.

Our lives are informed by pictures and Photography gives students the opportunity to refine their visual literacy and develop analytical skills.

The two year linear A level covers image making in the dark room, the studio, and working with Photoshop. Students will choose their own theme for a Personal Investigation and explore the topic through exciting experimentation, research into relevant artists and taking photos. This will be accompanied by an extended essay that will develop communication and literacy skills, and build confidence in expressing opinions.

What skills, interests and academic qualifications are required to study Photography at A Level?

In order to succeed in the Photography A level you should have studied a creative subject and be aware of how to put together a portfolio.

You need to have a keen interest in the Visual Arts, a commitment to work independently, and develop ideas. An enthusiasm for taking photos and taking creative risks will greatly enhance the experience of taking this A level.

Where will studying Photography at A Level take you in the future?

Photography can lead to Foundation courses and Art and Photography degree courses. It has many transferrable skills that can be applied to further study or employment.

Photography contributes to a career in the creative industries, journalism or web design. Studying Photography gives you a lifetime of pleasure honing a craft that is taught to a high standard at A level.

Course Specifications

Exam Board: AQA

Physical Education

Why study Physical Education at A Level?

- Students should choose this subject if they are considering a career in the sports sector.
- The job opportunities in the area of sport are vast and are continuing to grow year on year. The A Level Physical Education course covers a broad area of topics which should instigate the areas of sport that students would like to specialise in at degree level or as a career.

What skills, interests and academic qualifications are required to study Physical Education at A Level?

- Students must be currently performing in at least one sport at club level.
- Students must be able to critically analyse their own and others sporting performance.
- Students must have a keen general interest across a range of sports.
- Students must have taken the GCSE PE course.
- Students must have an interest in the areas of anatomy and physiology, psychology, skill acquisition and the social and cultural influences that impact on sport.
- Students should be competent with numeracy and literacy skills.
- Students must be able to work independently and as part of a group.

Where will studying Physical Education at A Level take you in the future?

- Coaching
- Education
- Sports development
- Sports nutrition
- Physiotherapy
- Strength and conditioning
- Sport and exercise physiology
- Sports psychology
- Sports media
- Performance analysis
- Sports management

Course Specifications

Exam Board: AQA

Physics

Why study Physics at A Level?

You will already be familiar with many of the topics that you will study, including forces, waves, radioactivity, electricity and magnetism. At A-level, you'll look at these areas in more detail and find out how they are interconnected. You will also learn how to apply maths to real-world problems and explore new areas such as particle physics, cosmology and medical physics.

Perhaps more importantly, you will develop skills that can be transferred to just about any other area of work, from setting up a business to saving the planet. Even if you don't go on to become a physicist, learning to think like one will help you get to the root of any problem and draw connections that aren't obvious to others. Physics won't give you all the answers, but it will teach you how to ask the right questions.

What skills, interests and academic qualifications are required to study Physics at A Level?

- Problem solving and lateral thinking!
- Numeracy - describing physical phenomena with mathematics.
- An intention to study Mathematics at A-level is essential, these two subject support each other.
- Practical/investigative skills, making measurements, recording data and pattern recognition.
- Communication – the ability to reason clearly, communicate complex ideas, and work with others.
- A desire to 'peek behind the scenes' of the Universe.
- A willingness to carry out further reading, including an interest in topical issues.

Where will studying Physics at A Level take you in the future?

Physics probably offers the largest range of potential career paths; everyone loves a numerate problem-solver! As the Institute of Physics have recently said: "Physicists are involved in finding solutions to many of our most pressing challenges – as well as studying atoms or making sense of the extra- terrestrial, physicists diagnose disease, model the climate, design computer games, predict markets and design hi-tech goods. Studying physics opens doors."

Some of the many potential career areas:

Biochemistry, biology, chemistry, medicine, dentistry, engineering (general, aeronautical, civil, electrical, mechanical), nursing and other practice-based medicine courses, architecture, computer science, geography, earth and environmental sciences, maths, materials science, pharmacy, sports science, surveying, psychology, teaching.

Course Specifics

Exam Board: OCR

Politics

Why study Politics at A Level?

Politics studies conflict between people, governments and nations, and the manner in which such conflicts unfold and are resolved. It is a complex and demanding subject that is exciting, rewarding and intellectually stimulating. It is of immediate practical relevance to our lives. What you read in the newspapers and see on the news is directly relevant to the study of politics.

Politics advances our civic awareness. In order to cast your vote wisely, understand the arguments of politicians, be aware of their attempts to persuade or mislead and to participate effectively in defending one's rights as a citizen, one needs to appreciate the nature of the UK democratic system. To be politically ignorant is to be at a disadvantage.

Unit Code	Unit Content	Assessment
Unit 1	**UK Politics** Political Participation - students will study: Democracy and participation, political parties, electoral systems, voting behaviour and the media. **Core Political Ideas - students will study:** Conservatism, liberalism, socialism.	Written examination: 2 hours Weighting: 1/3 of the qualification 84 marks
Unit 2	**UK Government** **UK Government - students will study:** The constitution, parliament, Prime Minister and executive, relationships between the branches. **Optional Political Ideas - students will study:** One idea from the following: anarchism, ecologism, feminism, multiculturalism, nationalism.	Written examination: 2 hours Weighting: 1/3 of the qualification 84 marks
Unit 3	**US Politics (Option 3A)** **US Politics - students will study:** The US Constitution and federalism, US Congress, US Presidency, US Supreme Court, democracy and participation, and civil	Written examination: 2 hours Weighting: 1/3 of the qualification 84 marks

What skills, interests and academic qualifications are required to study Politics at A Level?

There are no formal requirements to study politics, but any potential pupil must be interested in current affairs and highly self-motivated. Success in the subject will be the result of an ability to work independently and the determination to develop a mature essay writing style. The students will be host to distinguished speakers throughout the year and will get the opportunity to visit the Houses of Parliament and UK Supreme Court.

Where will studying Politics at A Level take you in the future?

This course will appeal to those pupils who want a subject that allows them to develop their intellectual skills and are able to question the reasoning behind the status quo. Politics can be combined with many other academic disciplines. It is also a useful choice for a wide range of careers. Many students take Politics in conjunction with History, Economics, Philosophy, and English. Those with a genuine interest in current political events in the UK and/or USA are highly likely to excel.

Course Specifics

Exam Board: Edexcel

Psychology

Why study Psychology at A Level?

The human mind is an abstract and intangible concept. Psychology attempts to investigate this concept in a scientific way. Psychology is a fascinating subject to study, we discuss different theories for human behaviour and learn about interesting experiments that have challenged the way people think. When you study psychology you will develop a holistic understanding of human behaviour.

What skills, interests and academic qualifications are required to study Psychology at A Level?

A-level Psychology involves skills predominantly linked to Maths, English and Biology. We study biological mechanisms and the effect biology plays on human behaviour. This includes neural, hormonal mechanisms and genetics therefore a good understanding of biology is important. There is mathematical content in psychology, we study how psychologists analyse their data and the statistical tests they use to interpret their results. We also look at correlations in data so an interest in maths and an understanding of numerical values is also important. You will be expected to discuss abstract and intangible concepts in the form of essays therefore a high level of written articulation is essential.

Where will studying Psychology at A Level take you in the future?

The great thing about studying psychology is the breath of topics we cover. From mental health to social influence, psychology could lead you into a multitude of professions. Some students decide to take the clinical route and work with patients in an institutional setting whereas others may choose to take a criminology route and work with the police in offender profiling. There are many other avenues psychology could take you down, it depends on the area that you are interested in.

Course Specifications

Exam board AQA

Religious Studies

Why study Religious Studies at A Level?

Some of you may choose this because you want to study Theology, Religious Studies, or Philosophy at university. However, most students do not want to do this so what can it offer you? Firstly, this is a very widely respected course for university applications and is provides a good foundation for many degrees such as Law, Medicine, and Social Sciences. However, more important than this is the skills that you will develop whilst studying. These include skills of analysis, evaluation, interpretation, critical thinking. You will also spend time developing skills that help you to produce extended evaluative pieces of work, so compliments course's such as English and History. You will debate and argue your views and these skills are essential in both the work place and university.

But ultimately this is a fascinating course, expanding what you know about the world around you and delving into ideas that you may never have considered.

What skills, interests and academic qualifications are required to study Religious Studies at A Level?

There are three clear elements of this course and this variety is refreshing. You should be interested in the study of religion – specifically the history, the impact of religion on daily life, how religion has changed and developed, and philosophical views on the existence of God. You should also be interested in how people make ethical decisions as you will be debating the rights and wrongs of various issues and weighing up the logic behind people's decision making.

You will need a good standard of written English and be prepared to write essays that clearly explain, analyse and evaluate.

What you do not need to have is a GCSE in Religious Studies. Whilst this would be helpful (the A Level builds on the study of Judaism at GCSE) it is not a requirement as the basics will be covered during the course. Nor do you need to be religious: in the past far more atheist students have chosen to study Religious Studies at A Level.

Where will studying Religious Studies at A Level take you in the future?

This is NOT all about becoming a vicar! This subject will give you a better understanding of the world around you. It will also provide a good basis for entry into university, if that is where you are planning on going. All of the Russell Group universities consider Religious Studies to be a good foundation of study and in the past the percentage of people accepted for a degree at these universities who have A Level RS has been consistently high (higher than some more traditional subjects). Of course you can also go on to study Theology, Religious Studies, and Philosophy (as some of our students have after discovering a love for the subject that they didn't know they had).

In the work place you can put the skills you have developed into use and they are frequently listed among the personal skills that employers are looking for. It can provide a good basis for the following career areas: legal, education, social welfare, retail, catering, hospitality, business, HR, finance, healthcare, marketing and PR. The opportunities are endless!

Course Specifications

Exam Board: EDUQAS

Textiles

Why study Textiles at A Level?

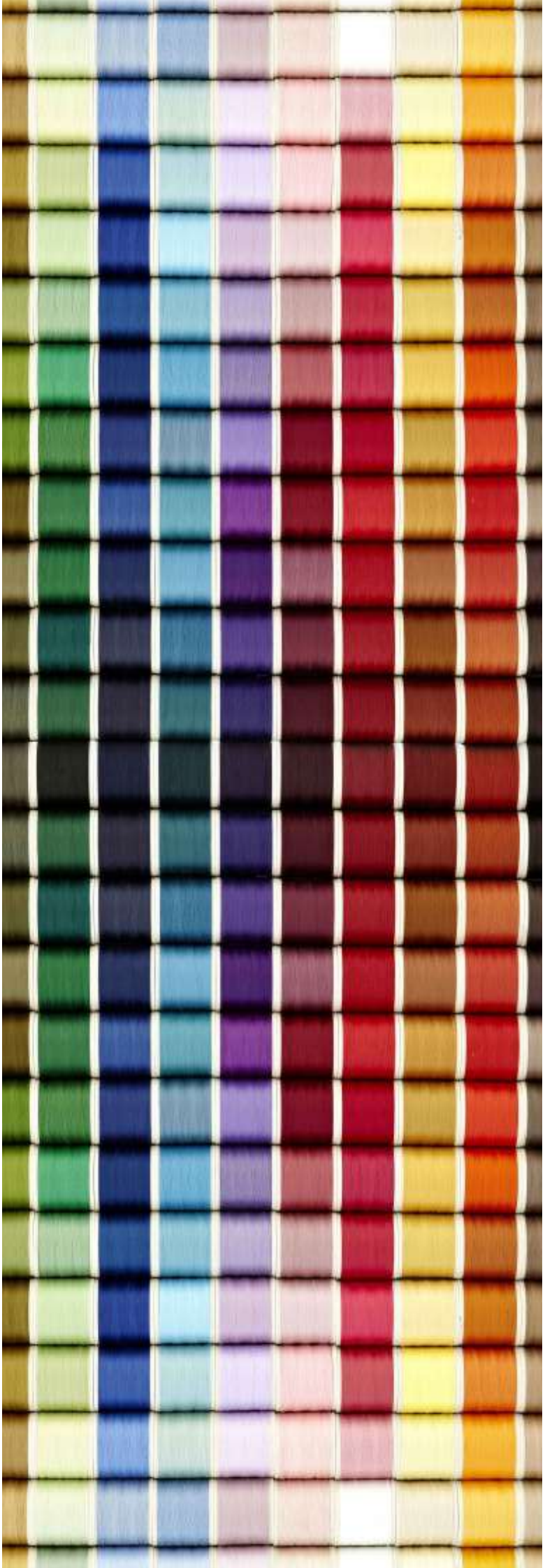
Creative industries are one of the biggest employers in the UK and the UK fashion industry is the largest employer of all creative industries. The UK is renowned for having the best fashion and textiles colleges in the world and Akeley can develop your skills to gain entry to the very best of them.

The course is designed to introduce you to the many different aspects of fashion and textiles. This particular specification will enable you to develop your knowledge of a range of textile processes that can be applied and developed through a fashion or Art Textiles pathway. You will be encouraged to look at a range of designers and artists to base your contextual studies on, learning through experimentation using traditional methods and new technologies.

Awareness of developments and current trends in the fashion and associated industries is given a high profile. A level Textiles students at Akeley continue to work with a wide range of different materials and techniques producing original experimental work whether printing on silk or manipulating fabric to create something sculptural. They are encouraged to look at textiles and fashion from different periods and cultures to interpret them into their own designs and explorations using a repertoire of techniques and processes.

This is an exciting, vibrant and experimental course which will enable you to create your own personal investigation. Students will be encouraged to develop their ideas independently, think inquisitively and to boldly explore the world of fashion and textiles to come up with something unique and innovative.

Exam Board - Edexcel



Vocational Options

Level 3 National Extended Certificate in Applied Science

Examination Board: Edexcel

Pearson BTEC Level 3 National Extended Certificate in Applied Science is equivalent to one A Level.

This course aims to develop an appreciation of the competencies, skills and knowledge required for higher education and employment in science-based careers. It is designed to give you a detailed understanding of medical science and the application of science to real situations in the workplace.

What will I study?

The course contains a mixture of biology, chemistry and physics content with some mathematical elements.

Mandatory Units:

Unit 1: Principles and Applications of Science
Unit 2: Practical Scientific Procedures and Techniques

Unit 3: Science Investigation Skills

Final unit: One of the following will be taught:

Unit 8: Physiology of Human Body Systems
Unit 9: Human Regulation and Reproduction
Unit 10: Biological Molecules and Metabolic Pathways
Unit 11: Genetics and Genetic Engineering
Unit 12: Diseases and Infections
Unit 13: Applications of Inorganic Chemistry
Unit 14: Applications of Organic Chemistry
Unit 15: Electrical Circuits and their Application

Unit 16: Astronomy and Space Science

Where can it lead?

Level 3 Applied Science students can go on to study university courses such as pharmacy, physiotherapy, sport & exercise science, nursing, veterinary nursing,

Level 3 Cambridge Technical Extended Certificate in Digital Media

Examination Board: OCR

Cambridge Technicals are vocational qualifications at Level 3 for students aged 16+. They're designed with the workplace in mind and provide a high-quality alternative to A Levels. Students will develop professional and social skills through a detailed study of contemporary media industries; as well as theoretical and technical knowledge and understanding to underpin these skills. This will allow their creativity and flair to be harnessed in the design and production of media products used within the industry. It allows them to specialise in either digital content for interactive media or moving image and audio production. Learners will develop specialist knowledge, skills and understanding in their chosen area, to prepare them for employment in the digital media sector.

Students will also have the chance to develop research skills and to work independently.

What topics will I be studying on the Extended Certificate course?

There are three mandatory units and three optional units.

Mandatory units:

Unit 1: Media products and audiences – an introduction to how the Media industry works, how products are aimed at audiences and how they are distributed and advertised.

Unit 2: Pre-production and planning – a unit that focuses on how media products are researched and planned to make them as appropriate and profitable as possible with targeted audiences.

Unit 3: Create a media product – students will create an audio-visual media product (documentary, film, TV show), drawing on knowledge gained from the first two units

Four optional units from the following will be studied:

- Social Media and Globalisation
- Journalism and the news industry
- Creation and use of sound in media
- Advertising media
- Plan and deliver a pitch for a media product
- Scripting for media products
- Create a personal media profile
- Cross-media industry awareness

Where might it lead?

Many students go on to prestigious media production and journalism degrees. However, a number of students choose to follow other academic and career interests.

Level 3 National Extended Certificate in Business Studies

Examination Board: Edexcel

The BTEC Level 3 National Extended Certificate in Business aims to provide a broad educational base for further training, further education and employment within the business sector. The qualifications will develop learners' abilities through the knowledge and skills gained in different parts of the programme.

The vocational context of the qualification provides learners with realistic work-based scenarios and projects.

Choosing to study BTEC Level 3 in Business is an excellent choice for anyone who has a keen interest in understanding the world of business. The course aims to prepare students with the knowledge they would need to work in any industry, create their own business or to further their education at university.

What will I study?

Students must study four units, three are mandatory and one is optional.

Mandatory Units:

Unit 1 - Exploring Business

Unit 2 - Developing a Marketing Campaign

Unit 3 - Personal and Business Finance

We will study one of the following units:

- Recruitment and selection process
- Investigating Customer Service
- Market Research
- The English Legal System
- Work Experience in Business

Level 3 National Extended Certificate in Sport

Examination Board: Edexcel

Employers value BTEC's approach to learning because it provides a unique combination of technical skills which help prepare students for employment, together with a breadth of knowledge about the sector that empowers them to succeed in the real world. In addition, the ethos of BTEC courses provides experiences that promote maturity in participants which directly enhances their employability. The Pearson BTEC National Extended Certificate in Sport is intended to be an Applied General qualification for post-16 learners who want to continue their education through applied learning and who aim to progress to higher education and ultimately to employment in the sport sector. The qualification is equivalent in size to one A Level.

The content of this qualification has been developed in consultation with academics to ensure that it supports progression to higher education. Employers and professional bodies have also been involved and consulted to confirm that the content is appropriate and consistent with current practice for learners who may choose to enter employment directly in the sport sector.

What will I study?

There are three mandatory units and one optional unit.

Mandatory Units:

Unit 1: Anatomy and Physiology

Unit 2: Fitness Training and Programming for Health, Sport and Well-being

Unit 3: Professional Development in the Sports Industry.

One from the following optional units will be studied:

- Sports Leadership
- Application in fitness training
- Sports Psychology
- Practical Sports Performance

Where can it lead?

Progression routes include employment or further training in the following fields:

- Sport and Exercise Science
- Sport, Leisure and Business Management
- Business Management
- Sports Marketing


CARNEGIE HALL
LIVE ON STAGE