



**Kineton High School and Sixth Form**  
**Sixth Form Subject Information**  
**2018 Entry**

## APPLIED BUSINESS

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**Course title:** Cambridge Technical Level 3 Business (Extended Certificate)

**Exam Board:** OCR

**Entry Requirements:** GCSE English Grade 4 (Language or Literature)

**Assessment:**

Approximately 50% examination (two papers) and 50% coursework (three pieces)

The course is made up of five units (themes), two of which are undertaken in Year 12 and two in Year 13:

Year 12 – The Business Environment / Marketing & Market Research

Year 13 – Working in Business / Customers & Communication

**Why study Applied Business at Kineton?**

Business is a very popular 6<sup>th</sup> Form option and many of our current Year 13 students are applying for places on business-related degree courses at university. This course differs from A-Level Business in a number of ways. Specifically, students are required to complete coursework. However, each unit also tends to have a more vocational and practical focus. For example, in Year 12 you will be required to research and develop a marketing strategy for a small, local business. Each of the three substantial pieces of coursework will require students to be disciplined in their organisation and time management. We believe that this course equips you with the exact skills that employers require. Time-management and organisation have already been mentioned, but you will also make use of your excellent verbal and written communication skills. The business world places a high value on the ability to research, analyse and evaluate information in order to make considered decisions. Students will have the opportunity to gain these vital skills. In addition to these transferable skills, you will also learn business-specific skills such as the completion of important financial documentation. You do not need GCSE Business to take this course. The content is very different and we have found that there is no discrepancy between the attainment of those who did / did not take GCSE. All of our lessons are taught in computer suites. We recognise that Business students need regular access to current materials to make the best use of lesson time. Business works very well with a wide range of A-Levels, including Psychology, Mathematics and languages. It is also highly relevant to a wide range of careers. It's very difficult to think of a job where a good understanding of business would not be useful!

**Key content includes:**

- How businesses evolve from small start-ups to large multinational organisations
- A consideration of the internal workings of businesses, including their internal structure and how different functional areas work together.
- Students will also explore ways in which businesses respond to changes in their economic, social and technological environment.

**For further information please contact:**

Mr Keevill: [j.keevill@kinetonhighschool.org.uk](mailto:j.keevill@kinetonhighschool.org.uk)



## A LEVEL ART AND DESIGN—FINE ART

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**Exam Board:** Edexcel

**Entry Requirements:** GCSE Art and Design Grade 5 or above

**Assessment:** 60% coursework/personal portfolio and 40% Externally Set Assignment (practical exam).

The course comprises four units, two in Year 12 which consist of a foundation practical project and then a more independent thematic project, which will include a controlled assessment.

The first unit in year 13 is the coursework element, is based on expressive portraits and includes practical drawing and painting and an extended essay linked to your work.

The final unit is the Externally Set Assignment, which consists of ten weeks preparation on a theme set by the exam board and 15 hours on the final piece.

### **Why study Art and Design at Kineton?**

A successful course taught by very experienced and supportive staff. Our aim is to build on the success you have achieved with your GCSE Art and Design, but also give you an opportunity to be independent and explore your own individual skills and interests to achieve aspirational outcomes. We have a sixth form studio available for you to use in independent study sessions and also the opportunity if you wish to support younger Art students in their lessons. We run a number of day trips over the two years to both London, Oxford and more local venues of interest.

These involve both research for practical projects, to collect images to inspire you and gallery visits to develop your critical awareness. This qualification will provide you with an excellent insight into an Art Foundation course which ultimately could lead to an Art related Degree. The creative sector is hugely exciting and always changing and expanding. A Level Art and Design can lead to a career in one of many areas including: fashion, fine art, 3D design, computer design, engineering, architecture, graphics, animation, jewellery design, museum and gallery conservation and theatre/film/costume design.

### **Key Content includes:**

- Development of practical skills, to enable you to gain a high level of skill in painting and drawing
- An opportunity to use a variety of media and techniques in an experimental way
- Practical coursework integrated with written analysis, in response to a theme
- A controlled timed practical piece at the end of both Year 12 and Year 13
- Extended essay in Year 13 linked to practical work

### **For further information please contact:**

Ms S. Evans, Curriculum Learning Leader for Expressive Arts: [s.evans@kinetonhighschool.org.uk](mailto:s.evans@kinetonhighschool.org.uk)

# A LEVEL BIOLOGY

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**Exam Board:** AQA

**Entry Requirements:** 7 or above in Combined Science or Biology GCSE (higher tier) and a 7 in Maths

**Assessment:** There is no coursework on this course. However, your performance during practicals will be assessed. You will sit three examinations:

- Paper 1 (Biological Molecules, Cells, Exchange, Variation), 2hr written exam, 35% of the A level, a mixture of short and long answer questions, and some extended response questions.
- Paper 2 (Energy transfers, Response to change, Genetics, Controlling gene expression), 2hr written exam, 35% of the A Level, a mixture of short and long answer questions, and a comprehension question.
- Paper 3 (All content), 2hr written exam, 30% of the A level, structured questions, including practical techniques, critical analysis of given experimental data, and one essay from a choice of two titles.

## Why study Biology at Kineton?

- Biology A-level will give you the skills to make connections and associations with all living things around you. Biology literally means the study of life and if that's not important, what is? Being such a broad topic, you're bound to find a specific area of interest, plus it opens the door to a fantastic range of interesting careers.
- Possible degree options: Biology, Psychology, Sport and exercise science, Medicine, Anatomy, Physiology and Pathology Pharmacology, Toxicology and Pharmacy Chemistry
- Possible future careers: Doctor, Clinical molecular geneticist, Nature conservation officer, Pharmacologist, Research scientist, Vet, Secondary school teacher, Marine biologist, Dentist
- We have great new facilities at Kineton High School which you can take full advantage of during your A-Level studies. There are 2 teachers so you can access different teaching styles. There is lots of support available for you over the 2 years to ensure you get the best possible grade.

## Key Content:

1. Biological molecules
2. Cells
3. Organisms exchange substances with their environment
4. Genetic information, variation and relationships between organisms
5. Energy transfers in and between organisms
6. Organisms respond to changes in their internal and external environments
7. Genetics, populations, evolution and ecosystems
8. The control of gene expression

## For further information please contact:

Mrs N Hancock: [n.hancock@kinetonhighschool.org.uk](mailto:n.hancock@kinetonhighschool.org.uk)

# A LEVEL BUSINESS STUDIES

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**Exam Board:** Edexcel

**Entry Requirements:** GCSE Maths at Grade 5 or above

**Assessment:**

100% examination. Students will sit three papers at the end of Year 13.

The course is made up of four engaging units (themes), two of which are undertaken in Year 12 and two in Year 13:

- Year 12 – Marketing & people / Managing business activities
- Year 13 – Business decisions and strategy / Global business

**Why study Business at Kineton?**

Business is a very popular 6<sup>th</sup> Form option and many of our current Year 13 students are applying for places on business-related degree courses in 2018.

The course is taught by experienced staff, who have taught upon a wide range of Business qualifications.

You do not need GCSE Business to take the course at A-Level. The content is very different and we have found that there is no discrepancy between the attainment of those who did / did not take GCSE. However, due to the mathematical content of the course, we do insist that you have a minimum of Grade 5 Mathematics.

Business is a very topical A-Level. During our lessons, we reflect and draw upon current news stories to make the course content relevant. If you are interested in current affairs, this course will interest you!

All of our lessons are taught in computer suites. We recognise that Business students need regular access to current materials to make the best use of lesson time.

Business works very well with a wide range of A-Levels, including Psychology, Mathematics and languages. It is also highly relevant to a wide range of careers. It's very difficult to think of a job where a good understanding of business would not be useful!

**Key content includes:**

- Students are introduced to core business concepts and develop a broad understanding of how businesses work before they consider the decision-making tools that help businesses move forwards
- The development of a holistic understanding of business where students are required to investigate, analyse and evaluate business opportunities and issues
- The use and analysis of both qualitative and quantitative data
- A real business focus. The specification content encourages students to contextualise the theory and respond to real-life business case studies and evidence in their assessments
- A reflection of today's global world. In the second year of study, students develop an understanding of current global issues that impact on business

**For further information please contact:**

Mr Keevill: [j.keevill@kinetonhighschool.org.uk](mailto:j.keevill@kinetonhighschool.org.uk)

Mrs Darker-Larkings: [j.darker-larkings@kinetonhighschool.org.uk](mailto:j.darker-larkings@kinetonhighschool.org.uk)



## A LEVEL COMPUTER SCIENCE

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**Exam Board:** OCR

**Entry Requirements:** GCSE Computer Science at Grade 5 or above (or experience of computer coding) and GCSE Mathematics at a minimum of Grade 6.

**Assessment:**

80% examination (two papers) and 20% coursework.

The course is made up a number of units covered over the course of the Years 12 and 13.

- Computing principles
- Computer systems
- Algorithms and problem solving
- Programming project

**Why study Computer Science at Kineton?**

Computer Science is highly relevant to the modern and changing world of computing and technology. The skills that you will develop through studying Computer Science, such as problem solving and analytical thinking, are highly valued by universities and employers. There is a heavy focus on programming, and this will build on the skills that you have developed as a result of studying the subject at GCSE. The A-Level, as well as being highly practical, will also give you the opportunity to be intensely creative. The nature of the qualification means that you are able to tailor the programming project to areas of your own personal interest, which makes the whole process more engaging and ultimately rewarding. Kineton offers you the opportunity to be taught by teachers that you know and trust. Computer Science works very well with a wide range of A-Levels, including Mathematics, languages and all of the sciences. The development of computational thinking and problem solving skills, also means that the subject is relevant to a wide range of careers such as engineering or jobs within the financial industry.

**Key content includes:**

- The characteristics of contemporary processors, input, output and storage devices
- Software and software development
- An extended programming project
- Exchanging data
- Data types, data structures and algorithms
- Legal, moral, ethical and cultural issues
- Elements of computational thinking, problem solving and programming
- Pattern recognition, abstraction and decomposition
- Algorithm design and efficiency

**For further information please contact:**

Mr Wicks: [d.wicks@kinetonhighschool.org.uk](mailto:d.wicks@kinetonhighschool.org.uk)

Mr Keevill: [j.keevill@kinetonhighschool.org.uk](mailto:j.keevill@kinetonhighschool.org.uk)



## A LEVEL CHEMISTRY

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**Exam Board:** AQA

**Entry Requirements:** 7 or above in Combined Science or Chemistry GCSE (higher tier) and a 7 in Maths

**Assessment:** No coursework, required practicals run through the 2 year course and 3 Exam papers;

- Paper 1 – Inorganic Chemistry and relevant Physical chemistry and practical skills. Mixture of short and long answer, 2 hours long, worth 35% of A-Level.
- Paper 2 – Organic Chemistry and relevant Physical chemistry and practical skills. Mixture of short and long answer, 2 hours long, worth 35% of A-Level.
- Paper 3 – All practical skills and content. 40 marks on practicals, 20 marks on all content, 30 marks on multiple choice, 2 hrs, worth 30% of A-Level

### **Why study Chemistry at Kineton?**

- A-level Chemistry attempts to answer the big question 'What is the world made of?' and it's the search for this answer that makes this subject so fascinating.
- Possible matching A-Level courses include: Biology, Physics, Mathematics, Psychology, Business studies, PE, sociology and even photography.
- Possible degree options: Chemistry, Biology, Physics, Pre-clinical medicine, Mathematics, Pharmacology.
- Possible job opportunities: Chemical engineer, Doctor, Toxicologist, Chartered certified accountant, Environmental consultant, Patent attorney, Science writer.
- We have great new facilities at Kineton High School which you can take full advantage of during your A-Level studies. There are 2 teachers so you can access different teaching styles. There is lots of support available for you over the 2 years to ensure you get the best possible grade.

### **Key Content:**

- AQA have developed Chemistry A-level with the GCSE in mind to ensure seamless progression between qualifications, with continuity of content and question type.
- Physical chemistry including atomic structure, amount of substance, bonding, energetics, kinetics, chemical equilibrium, Le Chatelier's principle and  $K_c$ , thermodynamics, rate equations, equilibrium constant ( $K_p$ ) for homogeneous systems, electrode potentials and electrochemical cells.
- Inorganic chemistry including periodicity, Group 2 the alkaline earth metals, Group 7(17) the halogens, properties of Period 3 elements and their oxides, transition metals, reactions of ions in aqueous solution.
- Organic chemistry including introduction to organic chemistry, alkanes, halogenoalkanes, alkenes, alcohols, organic analysis, optical isomerism, aldehydes and ketones, carboxylic acids and derivatives, aromatic chemistry, amines, polymers, amino acids, proteins and DNA, organic synthesis, NMR spectroscopy, chromatography.

**For further information please contact:**

Mrs Stephens: [j.stephens@kinetonhighschool.org.uk](mailto:j.stephens@kinetonhighschool.org.uk)

# DRAMA

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**Course title:** BTEC Level 3 National Extended Certificate in Performing Arts

**Exam Board:** Pearson (Edexcel)

**Entry Requirements:** GCSE Drama Grade 5 or above

**Assessment:**

- **Two external assessments:** one of which is a written 3 hour controlled assessment of 2000 words in response to a thematic question set by the board, which focuses on the work and theories of two set practitioners: the other is a practical group performance in response to a stimulus given by the board.
- **Two internal assessments:** these feature performances, presentations and written log books. The first focuses upon different styles of drama, skills required for performance and the ability to realise text in performance. The second focuses on the skills of improvisation and using these skills within performance.

**Why study Drama at Kineton?**

If you study Level 3 Performing Arts you can become an expert in your field, developing and perfecting practical skills, be part of a working theatre company, lead activities in lower school Drama lessons, coordinate Drama club and have endless career opportunities.

The subject develops a variety of skills such as: creative thinking, critical evaluation, presentation, negotiation, organisation, team work, planning, literacy and research. After studying this course you could progress into a wide variety of careers such as: actor, set designer, camera man, front of house manager, marketing, radio presenter, lighting technician, drama therapist, journalist, lawyer, costumer, youth worker etc. This course is accepted by a wide variety of Russell group universities, such as Cardiff, Birmingham, Manchester and Sheffield, when studied alongside other specified subjects; this course would allow you entry to some of the leading specialist Drama schools such as, LIPA, RADA, East 15, LAMDA and Guilford.

**Key Content includes:**

Practical skills development, both vocal and physical; practitioner knowledge and application of theory; the interpretation and staging of play texts; performing to an audience; critical evaluation of practitioner theories; devising drama; developing skills in improvisation and creating improvised performances.

**For further information please contact:**

Miss Loveridge, Assistant Curriculum Learning Leader Expressive Arts, Leader of Drama and Music:  
[g.loveridge@kinetonhighschool.org.uk](mailto:g.loveridge@kinetonhighschool.org.uk)



## A LEVEL ENGLISH LANGUAGE

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**Exam Board:** AQA

**Entry Requirements:** Grade 5+ at GCSE English Language

**Assessment:**

**Paper 1: Language, the individual and Society (2 hours and 30 minutes)**

Textual variations and representations

Children's language development (0-11 years)

**Paper 2: Language Diversity and Change (2 hours and 30 minutes)**

Language diversity and change

Language discourses

Writing skills

**NEA: Language in Action (3,500 words)**

Language Investigation, Original Writing

**Why study English Language at Kineton?**

Throughout the course you'll improve on your existing fluency with the English language and learn to identify the way it changes depending on audience, purpose and context. You'll examine a variety of texts and develop your own writing skills across a range of genres. Creativity will be highlighted, along with the need to write for a specific target and purpose.

You'll also learn about the development of the English language, including how children learn to speak and the evolution of English over time. You'll explore the role of English in the media, and the ways it's used to convey specific messages in different contexts.

An A Level English Language can be the first step towards college or degree-level study of English Language, English Literature, and many other subjects.

The study of English Language is key to many jobs and industries, such as: Journalist, writer, editor, teacher, linguistics and publishing.

It will also benefit a wide variety of jobs that require effective communication. As English is the predominant language used in international trade, comprehensive English language skills are essential to many business roles.

In the workplace, you'll find your A Level English Language will demonstrate to employers that you have the ability to commit to learning, and have acquired good communication, reasoning and analytical skills - essential in practically every walk of life.

**For further information please contact:**

Mrs Harris, Curriculum Leader - English: [l.harris@kinetonhighschool.org.uk](mailto:l.harris@kinetonhighschool.org.uk)

Miss Nash, Assistant Head teacher: [r.nash@kinetonhighschool.org.uk](mailto:r.nash@kinetonhighschool.org.uk)



## A LEVEL ENGLISH LITERATURE

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**Course title:** English Literature - Love Through the Ages (Pathway A)

**Exam Board:** AQA

**Entry Requirements:** GCSE English Literature 6+

**Assessment:**

**PAPER 1:** Study of three texts: Pre 1900 Poetry Anthology, Othello and A Room With A View. Examination will include two unseen poems—written exam: 3 hours

**PAPER 2:** Option 2A: WW1 and its aftermath. Study of three texts: Life Class, Wilfred Owen War Poetry Anthology, and Oh What a Lovely War! Examination will include an unseen prose extract—written exam: 2 hours 30 minutes

**NEA:**

Comparative critical study of two texts, at least one of which must have been written pre-1900. One extended essay (2500 words) and a bibliography.

**Why study English Literature at Kineton?**

English Literature at A-Level is far more personal than at GCSE. All of our lessons are rooted in personal opinion, personal responses and personal perspectives. If you're interested in exploring some of the most challenging aspects of our society – such as: sexuality, fear, conflict, class divide, gender divide, religion, Nationalism– as well as a desire to explore who you are, and your own opinions on these matters then you should be studying A-Level Literature. Furthermore, A-Level Literature is an opportunity for you to develop sophisticated skills that will help you in any future career. You will work on developing mature, logical arguments rooted in textual evidence and critical theory in order to support a personal argument.

However, the main reason you should study English Literature at Kineton is because you are passionate about Literature, discussion and argument. You would enjoy being able to drive debates forward and relish the opportunity to participate in small group discussions. You should study English Literature because you are interested in the world around you, and your place within it.

**What can I do with this subject?**

What can't you do with an A-Level in English Literature! This A-Level will open up doors in a wide range of professions. Some of the most common courses that A-Level English Literature students go on to study at University include: Law, Journalism and Finance. Past students have gone on to study: English Literature, Finance, Creative Writing and Journalism.

**For further information please contact:**

Dr N Lockhart: [n.lockhart@kinetonhighschool.org.uk](mailto:n.lockhart@kinetonhighschool.org.uk)

Miss Hooper: [l.hooper@kinetonhighschool.org.uk](mailto:l.hooper@kinetonhighschool.org.uk)

## A LEVEL FURTHER MATHEMATICS

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**Exam Board:** AQA

**Entry Requirements:** GCSE Grade 7. Acceptance onto A-Level Maths Course.

**Assessment:**

2 Compulsory Papers, each worth 33⅓% of the final grade

1 Option Paper worth 33⅓% of the final grade, see options below

**Why study Further Mathematics at Kineton?**

- Excellent Outcomes
- Extremely small class sizes mean individual attention to detail.
- As with A-Level; outstanding teaching in all areas of maths. Core, Mechanics and Statistics all have incredible teachers who will get results. Teachers at Kineton teach you to understand concepts not just practise skills. Some areas of Maths are, on average, a grade and a half above other schools nationally.
- Incredible support after-school and during normal school hours. Students use after-school sessions and teachers to facilitate their learning and improve their grades.
- Further Maths helps students in their A-Level Maths as well as physics, chemistry, biology, computing, geography, psychology, economics and business studies.
- Further Maths is highly regarded by universities as a solid academic subject and demonstrates a large capacity for problem-solving, logical thinking, following processes, imaginative solution finding and demonstrates big ambitions.

**Key Content:**

All students must study this content.

- OT1: Mathematical argument, language and proof
- OT2: Mathematical problem solving
- OT3: Mathematical modelling
- Compulsory content

Students must study two of these options.

- Optional application 1 – mechanics
- Optional application 2 – statistics
- Optional application 3 – discrete

**A level Further Mathematics** is fun and rewarding. It broadens your mathematical skills and promotes deeper mathematical thinking. You will be introduced to interesting new areas of pure mathematics such as complex numbers and apply mathematics in a wider range of contexts.

**For further information please contact:**

Mr Richmond: [s.richmond@kinetonhighschool.org.uk](mailto:s.richmond@kinetonhighschool.org.uk)

# A LEVEL GEOGRAPHY

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**Exam Board:** Edexcel

**Entry Requirements:** Grade 6 or above in GCSE Geography

**Assessment:**

- Paper 1 physical geography including topics from the dynamic landscapes and dynamic places; 2 hours and 15 minutes.
- Paper 2 human geography including topics from political systems and sustainability and human systems and geopolitics; 2 hours and 15 minutes.
- Paper 3, an issues analysis using an unseen resource testing understanding of different linked parts of the course; 2 hours and 15 minutes
- Coursework; an individual investigation. The students must identify a question or issue relating to the compulsory or optional topics, conduct fieldwork and collect data, analyse and evaluate the data and present their findings in a report of 3000-4000 words.

**Why study Geography at Kineton?**

Geography reflects many of the key aspects of modern society, and has a major role to play in answering key environmental, economic, social and political questions. Geography is a diverse subject which links many other academic disciplines. This diversity allows students to gain a range of learning experiences and skills which lays a foundation for further study of Geography or related subjects in higher education, but also provides a very worthwhile course in terms of general education and lifelong learning.

The study of Geography leads to a wide range of employment opportunities. These range from business fields such as administration, management and financial work, to sales, marketing and buying. Information and communications technology and organisational skills acquired on a Geography degree course can be very useful for the Civil Service, local government, commerce and industry. Some of the most popular opportunities for geographers include cartography, environmental and ecological work, library/information work, marketing and logistics, meteorology, oceanography, town planning and teaching.

**Key Content:**

For A level Geography there are four topics to study:

- Dynamic landscapes including tectonics and coastal landscapes and change;
- Dynamic places including globalisation and regenerating places;
- Physical systems and sustainability including the water cycle and water insecurity and the carbon cycle and energy security and
- Human systems and geopolitics including superpowers and migration, identity and sovereignty.
- As part of the qualification students need to complete 4 days of fieldwork. At Kineton we complete two days in year 12 and two days in year 13 at the Field Studies Centre in Shrewsbury.

**For further information please contact:**

Mr M Spicer, Head of Geography: [m.spicer@kinetonhighschool.org.uk](mailto:m.spicer@kinetonhighschool.org.uk)

# A LEVEL HISTORY

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**Exam Board:** OCR

**Entry Requirements:** Grade 6 at GCSE History and/or English

**Assessment:**

Three exams and one topic based essay.

Britain, 1900-51: 1 hour 30 minutes (25%)

Democracy and Dictatorship in Germany, 1919-63: 1 hour (15%)

Rebellion and Disorder under the Tudors, 1485-1603: 2 hours 30 minutes (40%)

4,000-word independently researched topic based essay (20%)

**Why study History at Kineton?**

*Kineton offers a collaborative approach between staff and students focused on supporting the individual needs of the learner and promoting discussion and deeper enquiry into topics. You will also have the opportunity to choose any topic that you are passionate about for your independently researched topic based essay.*

Studying History enables us to gain greater insight into our world and helps to develop vital skills, such as communication, critical analysis and evaluation. It is a well-respected and academically rigorous qualification which is very useful in helping you to secure employment or enter higher education. History is a very versatile subject that gives access to a wide variety of career paths which could include employment in the following fields: law, national or local government, heritage, teaching, archives and public records, university research, museum and galleries, libraries, media.

*"Whoever wishes to foresee the future must consult the past; for human events ever resemble those of preceding times" – Niccolo Machiavelli*

**Key Content:**

The History A Level follows a theme of 'People and Power'.

We explore the relationship between different groups of people and systems of power within society in a variety of historical contexts.

There are four modules in total for the A Level.

The four modules that make up both A Level are:

- Unit 1 Britain 1900-1951 including enquiry topics England and a new Century c1900-1918
- Unit 2: Democracy and Dictatorship in Germany, 1919-1963
- Unit 3: Rebellion and Disorder under the Tudors, 1485-1603
- Unit 4: Independently researched topic based essay of 3,000-4,000 words

**For further information please contact:**

Mr Davies: [m.davies@kinetonhighschool.org.uk](mailto:m.davies@kinetonhighschool.org.uk)

Mrs Rutherford-Edge: [s.edge@kinetonhighschool.org.uk](mailto:s.edge@kinetonhighschool.org.uk)

# A LEVEL MATHEMATICS

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**Exam Board:** AQA

**Entry Requirements:** GCSE Maths Grade 7

**Assessment:** There are 3 exams.

- Paper 1 – Pure Mathematics
- Paper 2 – Mechanics
- Paper 3 – Statistics

## **Why study Maths at Kineton?**

- Year after year in Kineton, the Maths department produces outstanding results. A-Level and AS-Level maths have shown amazing progress for the students who take it.
- Outstanding teaching in all areas of maths. Core, Mechanics and Statistics all have incredible teachers who will get results. Teachers at Kineton teach you to understand concepts not just practise skills. Some areas of Maths are, on average, a grade and a half above other schools nationally.
- Incredible support after-school and during normal school hours. Students use after-school sessions and teachers to facilitate their learning and improve their grades.
- The reason why so many employers highly value mathematics qualifications is mathematics students become better at thinking logically and analytically. Through solving problems you develop resilience and are able to think creatively and strategically. The writing of structured solutions, proof and the justification of results helps you to formulate reasoned arguments. And importantly you will have excellent numeracy skills and the ability to process and interpret data.
- Maths at Kineton is the biggest facilitating subject. The mathematical skills you learn are of great benefit in other A level subjects such as Physics, Chemistry, Biology, Computing, Geography, Psychology, Economics and Business Studies.

## **Key Content:**

- A-Level Maths comprises of what is called Core content. That means everyone does the same. There are three branches, Pure, Mechanics and Statistics.
- Mechanics is particularly useful to students studying physics and engineering. It involves modelling and analysing the physical world around us, including the study of forces and motion.
- Statistics is the study of data and finding summary information from a lot of information. You will look at probability, measures of central tendency and distribution models for large sets of data.
- The core content is similar throughout all schools. Each exam board will be slightly different and have a different make-up for the final papers but essentially the maths is the same.

## **For further information please contact:**

Mr Richmond: [s.richmond@kinetonhighschool.org.uk](mailto:s.richmond@kinetonhighschool.org.uk)

# LEVEL 3 ADVANCED GCE IN PHYSICAL EDUCATION (9PE0)



**Exam Board:** Edexcel

**Entry Requirements:** Minimum grade 5 GCSE Physical Education (If not taken at GCSE please speak to Mrs Green)

## **Assessment:**

Component 1: Scientific principles

- Written exam of 2 hours and 30 minutes (40%)

Component 2: Psychological and Social Principles of Physical Education

- Written exam of 2 hours (30%)

Component 3: Practical Performance

- Non-Examined /internally assessed/ externally moderated (15%)

Component 4: Performance Analysis and Performance Development Programme

- Non-Examined /internally assessed/ externally moderated (15%)

## **Why study Physical Education at Kineton?**

A level Physical Education offers you the opportunity to:

- Develop knowledge and understanding through practical application
- Become more competent, confident and expert in your techniques, and apply them across different sports and physical activities
- Gain a blend of scientific and social knowledge

## **What can I do with this subject?**

A level Physical Education will help you develop important transferable skills for progression to the next level including; numeracy, communication and an understanding of practical performance. It enables students to continue to study a range of sports related courses at University including Leisure and Tourism, Sports and Exercise Science, Sports Psychology and Sports Coaching. It also allows students to study for professional/ vocational qualifications in areas such as: Sports Therapy, Exercise Rehabilitation, Personal Training, Exercise Teaching and Sports Coaching.

## **Key Content:**

- Topic 1: Applied anatomy and physiology
- Topic 2: Exercise physiology and applied movement analysis Biomechanics is embedded within the content of Topics 1 and 2.
- Topic 3: Skill acquisition
- Topic 4: Sport psychology
- Topic 5: Sport and society
- Practical Performance: Skills performed in one activity as player or coach
- Performance Analysis and Performance Development Programme

## **For further information please contact:**

T.Green, Learning Leader for Physical Education: [t.green@kinetonhighschool.org.uk](mailto:t.green@kinetonhighschool.org.uk)

J Daly, Head of Adlington House: [j.daly@kinetonhighschool.org.uk](mailto:j.daly@kinetonhighschool.org.uk)

## A LEVEL PHOTOGRAPHY

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**Exam Board:** Edexcel

**Entry Requirements:** GCSE Art and Design or DT Graphics 'Grade 5' or above or present a portfolio to the Art department in February, to consist of 15 Photographic images you have taken yourself with annotation.

**Assessment:** 60% coursework/personal portfolio and 40% Externally Set Assignment. Year 12 comprises two Foundation projects on the theme of Collections and Portraits. Then a more independent and individual thematic project.

Year 13 consists of two units. The first is coursework which extends work explored in year 12. It will consist of practical work and an extended essay linked to your own theme, enabling you to be independent and will involve personal enquiry and expression. You are encouraged to show the journey of your ideas through photographs in sketchbooks. Themes could include areas such as Decay, Chaos, Distortion, Structures and Elements, through the genres of Still Life, People and Places.

### **Why study Photography at Kineton?**

This course is designed for those who have a strong interest and commitment to photography. It is a popular course which combines a creative interest with an opportunity to understand the technicalities of using a digital SLR and explore traditional film camera work. We have a sixth form studio available for you to use in independent study sessions and we encourage you to support younger Art students in their lessons. We run a number of day trips over the two years to both London, Oxford and more local venues of interest. These involve both research for practical projects, to collect images to inspire you and gallery visits to develop your critical awareness. This qualification could provide an excellent insight into progression onto an Art Foundation course, which could lead to an Art/Photography related Degree. The creative sector is a fascinating field that is continually expanding and Photography has seen exciting developments recently, leading to a career in one of many areas including professional still life/fashion, portrait photography, animation, graphics, fashion, film and web design. In addition this qualification when studied alongside other specified subjects, is accepted by a wide range of universities or apprenticeships.

### **Key Content includes developing skills in:**

Digital photography, traditional black and white darkroom photography, studio and location techniques, digital manipulation and analysing historical and contextual studies as inspiration for own shoots.

### **For further information please contact:**

Ms S. Evans, Curriculum Learning Leader for Expressive Arts: [s.evans@kinetonhighschool.org.uk](mailto:s.evans@kinetonhighschool.org.uk)

## A LEVEL PHYSICS

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**Exam Board:** AQA

**Entry Requirements:** 7 or above in Combined Science or Physics GCSE (higher tier) and a 7 or above in Maths

**Assessment:** There is no coursework on this course. However, your performance during practicals will be assessed. You will sit three examinations:

- Paper 1 (Measurements and their errors, Particles and radiation, Waves, Mechanics and materials, Electricity) 2hr written exam, 34% of the A level, 60 marks of short and long answer questions and 25 multiple choice questions on content.
- Paper 2 (Further mechanics and thermal physics, Fields and their consequences, Nuclear physics), 2hr written exam, 34% of the A Level, 60 marks of short and long answer questions and 25 multiple choice questions on content
- Paper 3 (Practical skills and data analysis, Medical physics ), 2hr written exam, 32% of the A level, 45 marks of short and long answer questions on practical experiments and data analysis

### **Why study Physics at Kineton?**

- Physics A-level will allow you to explore the fundamental nature of almost everything we know about. It probes the furthest reaches of the earth to study the smallest pieces of matter and a world deep beneath the surface of normal human experience.
- Possible degree options: Mathematics, Physics, Mechanical Engineering, Computer Science, Civil Engineering, Economics, Business.
- Possible future careers: Geophysicist/field seismologist, Healthcare scientist, medical physics, Higher education lecturer, Radiation protection practitioner, Research scientist (physical sciences), Scientific laboratory technician, Secondary school teacher, Meteorologist, Structural engineer, Acoustic engineer, Product/process development scientist, Systems developer, Technical author. You can also move into engineering, astrophysics, chemical physics, nanotechnology, renewable energy and more, the opportunities are endless.
- We have great new facilities at Kineton High School which you can take full advantage of during your A-Level studies. There are 2 teachers so you can access different teaching styles. There is lots of support available for you over the 2 years to ensure you get the best possible grade.
- The Physics department also provide the opportunity to take part in the Engineering Education scheme which is a 6 month EDT Programme that links teams of Year 12 students and their teacher with local companies where they work on real, scientific, engineering and technology projects. The scheme provides students with an in-depth experience in science, engineering and technology that will enable them to make an informed decision about their future studies and career.

**For further information please contact:**

Mr J Richardson: [j.richardson@kinetonhighschool.org.uk](mailto:j.richardson@kinetonhighschool.org.uk)



**Exam Board:** AQA

**Entry Requirements:** Minimum Grade 5 at GCSE Maths, Science and English (Literature or Language)

**Assessment:**

Three papers, each two hours long and count for 33.3% of A-Level

Paper 1: Introductory Topics in Psychology

Paper 2: Psychology in Context

Paper 3: Issues and Options in Psychology

**Why study Psychology at Kineton?**

Psychology at Kineton is a very exciting subject to study. It involves the scientific study of human behaviour and is therefore directly relevant to your life. It is a fascinating subject as it seeks to understand why people behave as they do, and the complex workings of the human mind. For example: Why do people suffer from schizophrenia?

You will learn a variety of skills, including analytical thinking, problem solving, improved communication and many more that will prepare you in the future with the possibility of a range of fantastic careers. These include, marketing, business development, accountancy, forensic psychology, clinical psychology, nursing and teaching.

**Key Content:**

In Year 12 you will cover:

- Attachment: this focusses on how infants attach as babies to different people
- Memory: we look at how the police use techniques to improve our eyewitness testimony
- Approaches in Psychology: it involves learning about the origins of Psychology
- Psychopathology: understanding OCD, Depression and Phobias
- Research Methods: the different methods Psychologists use to study human behaviour
- Social Influence: for this topic we ask the question: why do people copy the behaviour of others, even if they know it is wrong to do so?

In Year 13 you will cover:

- Schizophrenia: we look at the biological, cognitive and environmental factors that can cause the mental disorder
- Biopsychology: focusses on the physiological aspects of human behaviour
- Aggression: we examine how some people possess the 'warrior gene' which causes them to naturally be more aggressive
- Relationships: we look at the psychology behind why humans 'need' intimate relationships
- Issues and Debates: we focus on what issues there are around the psychological research that has taken place

**For further information please contact:**

Mrs Dharna: [p.kandola@kinetonhighschool.org.uk](mailto:p.kandola@kinetonhighschool.org.uk)

## A LEVEL SOCIOLOGY

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**Exam Board:** AQA

**Entry Requirements:** Minimum Grade 5 at GCSE English Literature or Language

**Assessment:**

Three papers, each two hours long and count for 33.3% of A-Level

Paper 1: Education with Theory and Methods

Paper 2: Topics in Sociology

Paper 3: Topics in Sociology: Crime and Deviance with Theory and Methods

**Why study Sociology at Kineton?**

Sociology at Kineton is for all those students who want to find out more about the world we live in. You will learn about what we are as people and what our role and function is in society. It is important you have a lively and enquiring mind, an interest in current affairs and a desire to explore new ideas. The course will cover key ideas like the family, our education, crime and deviance, the role and functions of belief and religion, as well as gender, ethnicity, class and age.

Sociology A Level is a solid starting point for any Social Science degree course at university. You will also pick up many interpersonal and analytical skills to help you; whatever your chosen future career. Many sociology students have gone on to study sociology or related degrees such as Criminology, Social Policy and Social Work. Future careers can include: Teaching; Social Work; Criminal Justice; Police; Probation Officer; Youth Worker; Public Relations; Journalism and Marketing.

**Key Content:**

In Year 12 you will cover:

- Families and Households: we look at how in modern society we have new family types and how these impact society in different ways
- Education: we focus on many different aspects of the education system including how teachers can hinder an individual's achievement in school
- Research Methods: this topic allows us to understand the ways in which Sociologists study the society we live in

In Year 13 you will cover:

- Crime and Deviance: we focus on many different aspects of crime in this topic including: the police, the law, the victims and the media
- Beliefs in Society: this module gives us an insights into the different belief systems that exist in society and how they impact people in society
- Theory and Methods: we focus on the founding fathers of Sociology and how their theories still apply to society today

**For further information please contact:**

Mr Bonfield: [s.bonfield@kinetonhighschool.org.uk](mailto:s.bonfield@kinetonhighschool.org.uk)

Mrs Dharna: [p.kandola@kinetonhighschool.org.uk](mailto:p.kandola@kinetonhighschool.org.uk)



**Exam Board:** AQA

**Entry Requirements:** 7 in Spanish GCSE

**Assessment:**

- Exam 1: Society and the Hispanic World (2.5 hrs) Listening, Reading, Translation. 50%
- Exam 2 Literature and/or Film (2 hrs) Essay writing. 20%
- Exam 3 Individual Research project (25mins) Oral exam 30%

**Why study Spanish at Kineton?**

- Studying Spanish at A level allows students to develop their linguistic skills alongside their understanding of the culture and society of the Hispanic World.
- Students hoping to continue with a language at A level must be excited about speaking it as much as possible, as lessons are conducted in the target language with an emphasis on student participation and leadership.
- All students will be strongly encouraged to undertake a week's Work Experience in Spain during Year 12.
- The topics covered link to Sociology, Philosophy, Psychology, History, Geography, Business, Literature, Drama and Science.
- Learning a language to this level supports a range of possible careers outside of the linguistic fields, as it demonstrates clear communication skills, as well as analytical thought and awareness of social and cultural issues.

**Key Content:**

Aspects of Hispanic Society:

- Modern and traditional values, Cyberspace and Equal rights

Artistic Culture in the Hispanic World:

- Modern day idols, Spanish regional identity, Cultural heritage

Multiculturalism in the Hispanic World:

- Immigration, Racism, Integration

Political Life in the Hispanic World:

- Today's Youth, Monarchies and Dictatorships, Popular Political Movements

Literature and Films:

- Choose two from a wide range, including Lorca, Allende, Garcia Marquez, Almodóvar and Guillermo del Toro

Individual Research Project:

- Research any aspect of the Hispanic speaking world

**For further information please contact:**

Miss Sharpe, Head of Languages: [h.sharpe@kinetonhighschool.org.uk](mailto:h.sharpe@kinetonhighschool.org.uk)