



# KGA6 Open Evening November 2025

*“Achieving Excellence Together”*

# KINGSBURY GREEN ACADEMY

## Welcome to Kingsbury Green Academy Sixth Form

We are delighted that you are considering joining KGA6 (Kingsbury Green Academy Sixth Form). We are incredibly proud of our school's reputation for academic success, alongside our reputation for the excellent relationships we build with our students, parents and alumni.

Offering a full range of subjects at Level 3, in A Levels and Vocational courses, you will be supported academically by a very strong, committed and experienced team of professionals, who will guide and support you via a robust pastoral/tutor system, specialist teaching and resources and dedicated post-18 careers guidance. You will be supported on your learning journey with us by an experienced tutor team, who will do their utmost to ensure that you reach your full potential.

Life in our Sixth Form will provide you with an opportunity for personal development, enrichment and varied extracurricular activities, including Duke of Edinburgh Gold, the chance to lead your own KGA+ club or fundraising for charity. We also offer the opportunity for you to undertake a Work Experience placement, as well as curriculum enhancement placements. We have a strong Student Leadership Team offering many additional opportunities and the chance to enhance your CV, which also includes being part of interviews for new staff and representing your peers at meetings with the Senior Leadership Team.

### **88% of our Sixth Form students got their first choice destination**

**(national average 82%)**

Whether your ambition is to attend university, seek employment, undertake further training or apply for an apprenticeship, we want everyone to achieve their hopes and dreams, which means opening as many doors after Sixth Form as possible. We look forward to welcoming you to our Open Evening, where you will be able to meet the Sixth Form Team, Curriculum Leaders and current students. Please spend time researching the subjects you are interested in studying and find out more about what these can lead to. Please do not hesitate to get in touch if you have any questions.



**Liam Collins**  
**Head of Sixth Form**  
**Assistant Headteacher**



## Sixth Form Life

The John Lawrence Sixth Form Centre offers a supportive and inclusive environment for Kingsbury Green Academy students. With a common room, breakout areas, IT suites, and a library, we provide everything students need to succeed. Our dedicated pastoral team supports students with UCAS applications, personal finance, and more. External speakers also provide valuable insights into careers and life beyond Sixth Form.

## Curriculum

KGA6 offers a flexible curriculum with a variety of qualifications, including A-levels and BTEC subjects. Students can choose up to four subjects in Year 12 and continue with three or four in Year 13. We also emphasise enrichment and personal development, providing opportunities like the National Citizenship Service and Duke of Edinburgh Award. Whether you want to study a highly academic route and apply for 'Russell Group' Universities, or you want to study a broader selection of subjects to keep your options open, KGA6 has a pathway for you.

## Subjects

As you can see below, we offer a full range of subjects and are confident that we can find a combination that works for most students. Each subject will have differing entry requirements, so please do see our 'subject information sheets' for more detail or speak to Curriculum Leaders. A Level/Level 3 courses whilst exciting and give students the chance to get 'stuck in' to the topics they are passionate about, are also challenging and demanding, so it's important students are fully prepared for the 'journey' ahead.

- Biology
- Business
- Chemistry
- Digital Media
- English Language
- English Literature
- Film Studies
- Fine Art
- Food Science & Nutrition
- French
- Geography
- German
- History
- Mathematics
- Further Mathematics
- Medical Science
- Performing Arts
- Philosophy & Ethics
- Photography
- Psychology
- Physics
- Sociology
- Sport Cambridge Technical
- Travel & Tourism
- Advanced National in Cyber Security
- Core Mathematics
- EPQ
- Gold Duke of Edinburgh

## Careers Advice & Pathways

KGA6 helps students to follow their dream career pathway. We offer continued guidance from Year 12 supporting both students and parents throughout the process. Our goal is for 100% of students to pursue their chosen path, whether it's attending university, entering the world of work or a starting a career-focused apprenticeship.

## Applications

If you wish to apply for KGA6 see the QR codes available on Open Evening, visit our website or contact [admin@kga.ascendlearningtrust.org.uk](mailto:admin@kga.ascendlearningtrust.org.uk). If following the Open Evening you would like to learn more or if you weren't able to attend, please get in touch and we'd be happy to arrange a tour and meeting to discuss your options.

# A Level Biology

Examination Board: OCR

Contact Teacher: Mrs Park/Dr Skinner



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## Course Details and Assessment

All components are externally assessed and a supporting practical portfolio to demonstrate competence in practical skills will also be reported on. The exam will cover all work from all areas of the course and include a synoptic exam.

**The course will cover the following Biology topic areas:**

Year 1 Course	Year 2 Course
Basic components of living systems	Neuronal and hormonal communication
Biological molecules	Homeostasis
Enzymes	Plant responses
Cell division	Energy for biological processes
Exchange surfaces and breathing	Respiration
Transport in animals and plants	Genetics of living systems
Classification and evolution	Patterns of inheritance and variation
Biodiversity	Manipulating genomes
Communicable diseases	Cloning and biotechnology
	Ecosystems
	Populations and sustainability

The course is assessed in the following way:

A Level		
Assessment	Outline	Weighting
Biological processes	2hr 15 minute written paper	37%
Biological diversity	2hr 15 minute written paper	37%
Unified Biology	1 hour 30 minute written paper	26%
Practical endorsement	Ongoing portfolio of experimental techniques	Pass/Fail

Career/Higher Education	Entry Requirements
Biology Environmental biology Ecology Medicine Veterinary science Pharmacy Biomedical engineering Sports science Education and many, many more	If Trilogy science was studied at GCSE: <ul style="list-style-type: none"><li>• A grade 6-6 in Science, including Biology units at 6 or above</li></ul> If separate sciences were studied at GCSE: <ul style="list-style-type: none"><li>• A grade 6 in Biology</li><li>• A grade 6 in either Physics or Chemistry</li></ul> A grade 6 in English and Mathematics is preferable, a grade 5 essential.

*“The essence of life is statistical improbability on a colossal scale.” Richard Dawkins*

# A Level Business

Examination Board: AQA

Contact Teacher: Mrs Powell



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## Course Details and Assessment

This A Level Business course introduces you to all you need to know about working in business, providing a solid foundation for further study. With a focus on helping you to become a good decision maker, you'll learn essential managerial skills, alongside techniques to help you become an analytical problem solver. These skills are all highly sought after and valued in a wide range of careers.

**The course will cover the following topic areas:**

### **3.1 What is Business? Managing Marketing and Finance**

Business and objectives  
Forms of business and stakeholders  
Marketing management  
Financial management

### **3.2 Unit: Managing people and operations**

People management  
Operations management  
Managing business culture

### **3.3 Unit: Business & society, business & the external environment, business strategy**

Business and society  
Business and the external environment  
Strategy  
Change

The course is currently assessed through 3 written exams. This is a new specification, for first teaching from September 2026. Any changes will be communicated as soon as they have been confirmed.

Career/Higher Education	Entry Requirements
Business	Grade 5 in both English Literature and Language
Finance	Grade 5 in Maths
Marketing	Grade 5 in Business Studies (if studied)
Management	
Transferable skills across all subject areas e.g. motivational theory will help you to work well with others and help them achieve their potential	
Managing your own business	

*"Here's to the crazy ones, the misfits, the rebels, the troublemakers, the round pegs in the square holes... the ones who see things differently - they're not fond of rules... You can quote them, disagree with them, glorify or vilify them, but the only thing you can't do is ignore them because they change things... they push the human race forward, and while some may see them as the crazy ones, we see genius, because the ones who are crazy enough to think that they can change the world, are the ones who do."*

**Steve Jobs Founder of Apple (1955 - 2011)**

# A Level Chemistry

Examination Board: OCR A

Contact Teacher: Mrs Woods/ Mrs McCafferty



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## Course Details and Assessment

The A Level Chemistry course has a strong focus on practical and mathematical skills, alongside traditional chemical concepts. These components of the course are externally assessed and culminate each year in a series of written exams. The exams are focused on application of knowledge and require candidates to link understanding from all of the units studied.

**The course will cover the following chemistry topic areas:**

Year 1	Year 2
Module 1 - Development of Practical Skills in Chemistry	Module 5 – Physical Chemistry and Transition Elements
Module 2 - Foundations in Chemistry	Module 6 – Organic Chemistry and Analysis
Module 3 - The Periodic Table and Energy	
Module 4 - Core Organic Chemistry	

**The course is assessed in the following way:**

A Level		
Assessment	Outline	Weighting
2h 15m written paper	Periodic Table, Elements and Physical Chemistry	37%
2h 15m written paper	Synthesis and Analytical Techniques	37%
1h 30m written paper	Unified Chemistry	26%
Practical endorsement	Ongoing portfolio of experimental techniques	Pass/Fail

Career/Higher Education	Entry Requirements
Medicine	2 Science GCSEs at Grade 6 or above.
Dentistry	
Chemical Engineering	A grade 6 in Mathematics is preferable, a grade 5 essential.
Biochemical Sciences	
Pharmacology	A Grade 6 or above in English would be an advantage.
and many , many more	

*“Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less.” Marie Curie*



# Cambridge Level 3 Technical Extended Certificate in Digital Media

Examination Board: OCR

Contact Teacher: Miss Parsons

## Course Details and Assessment

The Cambridge Technical course in Digital Media aims to develop students' knowledge, understanding and skills of the essentials of media products and their audiences. Students will gain an insight into how different media institutions operate to create products that appeal to specific target audiences. Students will gain knowledge of the production processes and create their own digital media products and campaigns. The course is an exciting combination of Creative iMedia and Media Studies and allows students who have an interest in the subject to continue to develop their knowledge.

**The course will cover the following Digital Media topic areas:**

Year 1	Year 2
<p>Media Productions and Audiences</p> <ul style="list-style-type: none"><li>• Media Industries</li><li>• Job Roles</li><li>• Types of Advertising</li><li>• Demographics</li></ul> <p>Pre-Production and Planning</p> <ul style="list-style-type: none"><li>• Revenue Streams</li><li>• Regulatory Issues</li><li>• Pre-Production and Planning</li></ul> <p>Create a Media Product</p> <ul style="list-style-type: none"><li>• Create a media product proposal</li><li>• Plan and develop pre-production materials</li><li>• Create production materials</li><li>• Post-production techniques</li></ul>	<p>Advertising Media</p> <ul style="list-style-type: none"><li>• Existing Advertising Campaigns</li><li>• Plan a cross-media advertising campaign</li><li>• Produce the planned media components</li></ul> <p>The Creation and Use of Sound in Media</p> <ul style="list-style-type: none"><li>• Understand how sound elements are used across media industries.</li><li>• Know the techniques and processes used to create sound elements.</li><li>• Plan the production of sound elements.</li><li>• Record, edit and review sound elements.</li></ul>

**The course is assessed in the following way:**

Year 1			Year 2		
Assessment	Outline	Weighting	Assessment	Outline	Weighting
Unit 1 Exam	2hrs Written Paper	22.3%	Unit 21	Internal Assignment	11%
Unit 2 Exam	2hrs Written Paper	22.3%	Unit 20	Internal Assignment	11%
Unit 3 Internal Assessment	Internal Assignment	22.3%	Unit 23	Internal Assignment	11%

Career/Higher Education	Entry Requirements
University courses Apprenticeship Digital Marketing Graphic Design	Merit or above in Creative iMedia. Grade 4 in GCSE English Language and Maths.

*"New media and mobile entertainment are revolutionizing the way people learn about the world"*  
*Stephen Kinzer*

# A Level English Language

Examination Board: AQA

Contact Teacher: Mrs Lloyd/Mrs Webb



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## Course Details and Assessment

The course will start with a focus on the AS exam content; exploring key theorists, terminology and skills required to analyse and compare texts from various modes. You will also explore the diversity of language and the contextual factors involved, such as gender, geography and social groups.

In the second year we will explore child language acquisition and how language is used to present ideas, attitudes and opinions. We will consider historical changes and worldwide contexts alongside topical issues such as androcentric texts, which provides excellent opportunities for debate and discussion.

You are also required to create coursework (NEA) which will focus on a language investigation and then a piece of original writing which you will review as part of your submission.

A Level		
Assessment Component	Exam	Weighting
Language, the Individual and Society	Written examination, lasting 2 hours 30 minutes	40% of the total qualification
Language Diversity and Change	Written examination, lasting 2 hours and 30 minutes	40% of the total qualification
NEA: Language in Action (language investigation, original writing and a commentary)	Internally assessed coursework Externally moderated	20% of the total qualification

Career/Higher Education	Entry Requirements
University Courses: <ul style="list-style-type: none"><li>Media</li><li>Advertising and Marketing</li><li>Writing and Journalism</li><li>Communication Studies/ Linguistics</li><li>Teaching</li><li>Speech Therapy</li></ul>	Grade 5 or above in English language.

# A Level English Literature

Examination Board: AQA Literature B

Contact Teacher: Mrs Webb



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## Course Details and Assessment

The A Level English Literature course encourages students to understand how narrative works, to look at genre and to learn about critical approaches to texts. Through wide and independent reading, the course also considers different types of critical approach to genre and how texts can reflect cultural meanings.

### The course will cover the following texts and topic areas:

Year 1	Year 2
<p><u>Aspects of Tragedy</u></p> <p>William Shakespeare's <i>Othello</i></p> <p>Arthur Miller's <i>Death of a Salesman</i></p> <p>A selection of John Keats' poetry</p>	<p><u>Elements of Political and Social Protest Writing</u></p> <p>Margaret Atwood's <i>The Handmaid's Tale</i></p> <p>Khaled Hosseini's <i>The Kite Runner</i></p> <p>William Blake's <i>Songs of Innocence and of Experience</i></p> <p>Unseen text analysis</p> <p><u>Paper 3: Theory and Independence (NEA)</u></p> <p>Students work independently to analyse a text of their choice and a selection of poetry from a specific theoretical perspective (e.g. Marxism or Feminism)</p>

### The course is assessed in the following way:

A Level	
Assessment	
<p><u>Paper 1: Aspects of Tragedy</u></p> <p>Closed book exam. 2 hrs 30 mins. 40%</p>	
<p><u>Paper 2: Texts and Genres</u></p> <p>Open book exam. 3 hrs. 40%</p>	
<p><u>Paper 3: Theory and Independence (NEA)</u> 20%</p>	
Career/Higher Education	Entry Requirements
This subject is highly regarded by Russell Group universities and is especially useful for careers in Journalism, Marketing, Media, Education and Law.	<ul style="list-style-type: none"><li>• Minimum of Grade 5 or above in English Literature GCSE and English Language GCSE</li><li>• A passion for reading and critical analysis</li><li>• Strong independent learner</li></ul>

*"Literature adds to reality, it does not simply describe it. It enriches the necessary competencies that daily life requires and provides; and in this respect, it irrigates the deserts that our lives have already become."*

*C.S. Lewis*

# A Level Film Studies

**Examination Board:** Eduqas

**Contact Teacher:** Mrs Lloyd



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## Course Details and Assessment

Film is one of the main cultural innovations of the 20th century and a major art form of the last hundred years. Studying film enables us to connect with others and enjoy exploring aesthetic and creative aspects. The course enables students to study exciting and dynamic films from around the world, considering significant developments, styles and genres. Eleven films (from the 1920s up to 2010) will be studied in detail. Students will also have the opportunity to be creative: planning and filming their own short films and writing screenplays.

Assessment consists of two exams, of 2 ½ hours each, and the NEA.

**The course will cover the following Film topic areas:**

Year 1	Year 2
<p>Classical Hollywood: <i>Vertigo, Alien</i> New Hollywood: <i>Joker, Moonlight</i> British films: <i>Shaun of the Dead, Under the Skin</i></p> <p>NEA (coursework) film or screenplay and an Evaluative Analysis</p>	<p>Global Film: <i>Life is Beautiful, City of God</i> Documentary: <i>Amy</i> Silent Cinema: <i>Strike</i> Experimental Film: <i>Fallen Angels</i></p>

**The course is assessed in the following way:**

A Level		
Assessment	Outline	Weighting
Component 1	Varieties of film and filmmaking	35%
Component 2	Global filmmaking perspectives	35%
Component 3: NEA	Short film or screenplay and evaluation	30%

Career/Higher Education	Entry Requirements
<p>Film production / marketing Media courses Media and promotion roles Links well to a range of English and Social Studies Courses</p>	<p>Grade 5 and above in English Literature or Language. Or – Grade 4 if students have Film GCSE. Film GCSE will be an advantage, however candidates with a strong interest in film would be considered without this.</p>

*“But having a really good understanding of history, literature, psychology, sciences – is very, very important to actually being able to make movies.”*

– George Lucas



# A Level Fine Art

Examination Board: AQA

Contact Teacher: Mrs Ghent/Mrs Stewart

## Course Details and Assessment

The fine art course encourages students to experiment with materials media and techniques in an expressive and imaginative way, exploring ideas, processes and creativity.

The A level takes on the form of a Personal Investigation. Students develop practical work, which is linked through the exploration of particular themes, concepts, ideas, issues or approaches. Students are actively encouraged to explore their own initial responses and ideas individually, working with a wide range of materials, media and techniques of their own choice. Students produce practical work and a written investigation (between 1000 – 3000 words) related to their practical work. The combination of these should be connected, in some way to the practice of artists, designers or crafts-people. The externally set assignment allows students to select one starting point and put together a portfolio of work based around a theme working in a variety of media and scale.

**The course will cover the following areas:**

Year 1	Year 2
<p>Experiment with a wide range of media, techniques and processes.</p> <p><b>Recording and experimentation with media:</b> Investigations of relevant sources using a variety of media such as, paint, pencil, pen, textiles, print, ceramics and other 3D media.</p> <p><b>Photography:</b> Processes in analogue and digital media.</p> <p><b>Life Drawing:</b> 2 day life drawing course with the focus on developing measuring skills.</p>	<p><b>A Personal Investigation</b> Exploring and experimenting with a wide range of processes, media and scale to express their ideas on their chosen theme.</p> <p>A written piece of work (1000 - 3000 words) to support their practical work.</p> <p>Study the work of a wide variety of artists, photographers and craftspeople.</p> <p><b>Externally set assignment</b> Explore their chosen starting point working in a variety of media and scales. With the combination of these to be connected in some way to that of artists, designers or craftspeople.</p>

**The course will be assessed in the following ways:**

A Level		
Assessment	Duration	Weighting
Component 1	Unlimited	60%
Component 2 Externally set assignment	15 hours supervised time	40%

Career/Higher Education	Entry Requirements
University courses: Graphics, Advertising, Packaging; Ceramics; Music production, Events management, Web Designers, Architecture, Animation, Video Game designer, Floristry, Millinery, Textiles, Furniture design, Jewellery design, Interior Design, Product design, Fashion/costume design, Car design, Theatre set design, Teaching (primary/secondary etc.), Film making etc.	Grade 4 or above at GCSE Art or Photography

*“The artist is a receptacle for emotions that come from all over the place: from the sky, from the earth, from a scrap of paper, from a passing shape, from a spider's web.” Pablo Picasso*



# Level 3 Diploma in Food Science and Nutrition

Examination Board: WJEC

Contact Teacher: Miss Giddings

## Course Details and Assessment

The Level 3 Diploma in Food Science and Nutrition covers a variety of different theory topics and combines practical elements to support learning. Students will complete a mandatory unit that will enable them to demonstrate an understanding of food safety, nutrition and the nutritional needs of specific groups of people. A second mandatory unit looks at food safety, hygiene and food production in industry. The third unit covers current issues in food science and nutrition, where students will complete an investigation into their own chosen food related area. Practical work will be completed throughout the three units.

**The course will cover the following Food Science and Nutrition topic areas:**

Level 3 Diploma
Meeting nutritional needs of specific groups <ul style="list-style-type: none"><li>Internal coursework</li><li>Exam – total of 90 marks</li></ul>
Ensuring food is safe to eat <ul style="list-style-type: none"><li>Assignment to take place after the 1<sup>st</sup> May</li><li>An 8 hour timed, supervised assessment</li><li>Completed in a 3 week time frame</li><li>WJEC provide the topic to be investigated</li></ul>
Experimenting to solve food production problems <ul style="list-style-type: none"><li>Controlled assessment</li><li>Assignment set by WJEC</li></ul>

**The course is assessed in the following way:**

Level 3 Diploma		
Assessment	Outline	Duration
Meeting nutritional needs of specific groups	Coursework completed in school An exam	180 Guided Learning Hours
Ensuring food is safe to eat	An 8 hour timed, supervised assessment	90 Guided Learning Hours
Experimenting to solve food production problems	Coursework completed in school.	90 Guided Learning Hours

Career/Higher Education	Entry Requirements
University courses, Food and Nutrition, Human Nutrition, Public Health Nutrition, Dietetics or Nursing	Grade 4 or above in English Language Desirable - Grade 5 or above in a Design and Technology GCSE subject

*"Good food is a global thing and I find that there is always something new and amazing to learn – I love it!" Jamie Oliver*

# A Level French

Examination Board: AQA

Contact Teacher: Mr Ross



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## Course Details and Assessment

Studying French at A Level gives students the opportunity to refine their language skills, improve their written and oral fluency, whilst broadening their understanding of the culture and society of French-speaking countries, and the issues and influences that have shaped them. The course covers a broad range of topics, whilst providing students with the flexibility to focus on areas of personal interest through the research project and choice of literary works.

**The course will cover the following topic areas:**

AS Course	Full A Level
Core Content: Social issues and trends Artistic culture Grammar	Core Content: Social issues and trends Political and artistic culture Grammar
Options: Literary texts and films	Options: Literary texts and films

**The course is assessed in the following way:**

AS Level			A Level		
Assessment	Outline	Grading	Assessment	Outline	Grading
1 hour 45 minutes written exam	Paper 1: Listening, reading and writing	45%	2 hours 30 minutes written exam	Paper 1: Listening, reading and writing	50%
1 hour 30 minutes written exam	Paper 2: Writing (literary text or film)	25%	2 hours written exam	Paper 2: Writing (literary texts and/or film)	20%
12-14 minutes oral exam	Paper 3: Discussion on 2 sub themes	30%	21-23 minutes oral exam	Paper 3: Discussion on a sub theme Presentation and discussion about the student's chosen research project	30%

Career/Higher Education	Entry Requirements
University courses Translating and Interpreting Business Management Careers in Travel and Tourism sectors Law Teaching	Grade 5 or above in GCSE French (preferably at Higher tier)

*If you talk to a man in a language he understands, that goes to his head. If you talk to him in his language, that goes to his heart." Nelson Mandela*

# A Level Geography

Examination Board: OCR

Contact Teacher: Mr Parry



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## Course Details and Assessment

A Level Geography examines the relationship between people and their environment from scientific, political, economic and social perspectives. It is an excellent choice for developing skills including IT, research, analysis, evaluation and decision-making; all vital preparation for Higher Education.

**The course will cover the following Geography topic areas:**

Year 1	Year 2
<ul style="list-style-type: none"><li>Compulsory fieldwork to Snowdonia</li><li>Human Geography: Changing Spaces Making places and Disease Dilemmas</li><li>Physical Geography: Glaciated landscapes</li></ul>	<ul style="list-style-type: none"><li>Compulsory fieldwork to Snowdonia</li><li>Human Geography: Changing Spaces and making places, Disease Dilemmas and Global Connections</li><li>Physical Geography: Glaciated landscapes, Earth's life support systems and Hazardous Earth</li><li>Independent Investigation</li></ul>

**The course is assessed in the following way:**

A Level		
Assessment	Outline	Weighting
Physical Systems	1 hr 30 on Glaciated landscapes and Earth life support systems	22%
Human Interactions	1 hr 30 mins on Changing Spaces and making places and Global connections	22%
Geographical Debates	2 hr 30 minutes on Disease Dilemmas and Hazardous Earth	36%
Independent Investigation	4000 word report on own Geographical question.	20%

Career/Higher Education	Entry Requirements
Degrees in: Geography, Environmental Studies, Geology, Geophysics, Oceanography, Town & Country Planning, Marine Geography, Geography is a sort after subject for any career due to the variety of skills it provides	Grade 5 or above at GCSE Geography If no Geography GCSE, a Grade 5 or above in English and a Grade 5 in Science are required.

*"Geography drives us to explore. From the early expeditions to the South Pole to the first climb of Everest. Where it takes us next is up to you..."*

# A Level German

Examination Board: AQA

Contact Teacher: Mrs Hockley



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ACADEMY

## Course Details and Assessment

Studying German at A Level gives students the opportunity to refine their language skills, improve their written and oral fluency, whilst broadening their understanding of the culture and society of German-speaking countries, and the issues and influences that have shaped them. The course covers a broad range of topics, whilst providing students with the flexibility to focus on areas of personal interest through the research project and choice of literary works.

**The course will cover the following topic areas:**

AS Course	Full A Level
Core Content: Social issues and trends Artistic culture Grammar  Options: Literary texts and films	Core Content: Social issues and trends Political and artistic culture Grammar  Options: Literary texts and films

**The course is assessed in the following way:**

AS Level			A Level		
Assessment	Outline	Grading	Assessment	Outline	Grading
1 hour 45 minutes written exam	Paper 1: Listening, reading and writing	45%	2 hours 30 minutes written exam	Paper 1: Listening, reading and writing	50%
1 hour 30 minutes written exam	Paper 2: Writing (literary text or film)	25%	2 hours written exam	Paper 2: Writing (literary texts and/or film)	20%
12-14 minutes oral exam	Paper 3: Discussion on 2 sub themes	30%	21-23 minutes oral exam	Paper 3: Discussion on a sub theme Presentation and discussion about the student's chosen research project	30%

Career/Higher Education	Entry Requirements
University courses Translating and Interpreting Business Management Careers in Travel and Tourism sectors Law Teaching	Grade 5 or above in GCSE French (preferably at Higher tier)

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# A Level History

Examination Board: Edexcel

Contact Teacher: Mrs Durham



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## Course Details and Assessment

This course focuses upon a wide range of British, European and World History. Running through all the units is the theme of conflict within a country and how it is met, managed and solved; by whom and for whom. In this way, students will be able to draw wider conclusions as to the nature of equality and governance in today's society.

**The course will cover the following areas:**

Year 1	Year 2
1. Britain, 1625–1701: conflict, revolution and settlement	3. Civil Rights and Race Relations in the USA 1850-2009
2. Russia in Revolution, 1894–1924	4. Germany in the 20 <sup>th</sup> Century

**The course is assessed in the following way:**

A Level		
Assessment	Outline	Weighting
Unit 1	2 hr 15: Sections A and B comprise a choice of essays that assess understanding of the period in breadth (AO1). Section C comprises one compulsory question that assesses the ability to analyse and evaluate historical interpretations (AO3).	30%
Unit 2	1 hr 30: Section A comprises one compulsory question for the option studied, based on two sources. It assesses source analysis and evaluation skills (AO2). Section B comprises a choice of essays that assess understanding of the period in depth (AO1).	20%
Unit 3	2 hr 15: Section A comprises one compulsory question for the option studied, assessing source analysis and evaluation skills (AO2). Section B comprises a choice of essays that assess understanding of the period in depth (AO1). Section C comprises a choice of essays that assess understanding of the period in breadth (AO1).	30%
Unit 4	4000 word investigation focusing upon a topic of contention for historians regarding an aspect of history they choose (usually Germany in the 20 <sup>th</sup> Century).	20%

Career/Higher Education	Entry Requirements
History is widely considered an excellent choice at GCE – particularly by Russell Group universities. This is due to its development of skills such as research, explanation and analysis; and the emphasis placed upon developing, arguing and writing in an extended manner.  Career choices are diverse as many people choose to take the skills if not the knowledge and enter fields such as business, law, government, education and academia.	Grade 5 in GCSE History (or Grade 5 in both English Language and English Literature if History has not been taken at GCSE)

*"The more you know about the past, the better prepared you are for the future."*

**Theodore Roosevelt**

# A Level Mathematics

Examination Board: EDEXCEL

Contact Teacher: Mr Darton



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## Course Details and Assessment

The A Level Mathematics course has a strong focus on combining pure and applied mathematical skills. These components of the course are externally assessed at the end of the final year with three two hour exams. The course will cover pure mathematics, statistics and mechanics.

**The course will cover the following key mathematical topic areas:**

A Level	
Pure: Algebraic manipulation and proof Functions Differentiation Integration Trigonometry Vectors Exponentials and logarithms Co-ordinate geometry Sequences and Series Numerical methods	Applied: Statistical sampling Probability Kinematics Newton's laws Moments

**The course is assessed in the following way:**

Students who wish to achieve qualifications in Mathematics must complete the assessments listed below in the final year of study i.e. 2 exams at the end of year 1 for AS Level or 3 exams at the end of year 2 for A Level:

A Level		
Assessment	Outline	Weighting
Paper 1 2 hours	Pure mathematics	33.33%
Paper 2 2 hours	Pure mathematics	33.33%
Paper 3 2 hours	Applied: Statistics and Mechanics	33.33%

Career/Higher Education	Entry Requirements
Mathematics related university courses Physics, Engineering, Actuary Accountancy, Economics, Medicine Social science, Geography, Geology Architecture, Computing	Grade 7 or above at GCSE Mathematics, a very high Grade 6 will be considered.

*"Pure mathematics is, in its way, the poetry of logical ideas." Albert Einstein*

# A Level Further Mathematics

Examination Board: EDEXCEL

Contact Teacher: Mrs Nevison



KINGSBURY GREEN  
ACADEMY

## Course Details and Assessment

The A Level Further Mathematics course requires the study of A Level Mathematics. It broadens the areas of study in not only pure mathematics but also allows for a greater breadth of study in applied areas including decision mathematics. Pure mathematics content covers important areas such as matrices and complex numbers that are essential in further mathematical study, engineering and physics. It requires greater problem solving skills and is a highly regarded A Level.

**The course will cover the following key mathematical topic areas:**

Year 1	Year 2
Complex numbers Matrices Further vectors Proof Further calculus Further algebra and functions  Choice of two from Statistics, Mechanics and Decision units	Polar coordinates Hyperbolic functions Differential equations  Choice of two from Statistics, Mechanics, Decision and Further Pure units

**The course is assessed in the following way:**

A Level		
Assessment	Outline	Weighting
Paper 1 1.5 hours	Core Pure Mathematics 1	25%
Paper 2 1.5 hours	Core Pure Mathematics 2	25%
Paper 3 1.5 hours	Further Mathematics Option 1	25%
Paper 4 1.5 hours	Further Mathematics Option 2	25%

Career/Higher Education	Entry Requirements
Mathematics related university courses Physics, Engineering, Actuary, Accountancy, Economics, Medicine, Architecture, Computing	Grade 7 or above at GCSE Mathematics

*"It's not that I am so smart; it is just I stay with problems longer." Albert Einstein*



## BTEC National AAQ in Medical Science

**Examination Board:** Pearson

**Contact Teacher:** Dr Skinner

### Course Details and Assessment

The Pearson BTEC National Extended Certificate in Medical Science is a vocational qualification designed for students interested in pursuing careers in healthcare, biomedical research, or laboratory science. This course provides a strong foundation in medical science through a combination of theoretical knowledge and practical skills. Students will explore human physiology, health issues, microbiology, and biomedical techniques, preparing them for further study or employment in the medical science sector.

**The course will cover the following topic areas:**

Over the two years	
Unit 1 – Principles of Human Physiology, Anatomy and Pathology (External) Unit 2 – Health Issues and Scientific Reporting (External) Unit 3 – Practical Microbiology and Infectious Diseases (Internal)	Optional Unit (choose one): Unit 4 – Diseases, Disorders, Treatments and Therapies (Internal) Unit 5 – Biomedical Science (Internal) Unit 6 – Human Reproduction and Fertility (Internal)

**The course is assessed in the following way:**

Year 1	Assessment	Outline	Weighting
Unit 1	External Exam	Principles of Human Physiology, Anatomy and Pathology	25%
Unit 3	Internal Coursework	Practical Microbiology and Infectious Diseases	25%
Year 2	Assessment	Outline	Weighting
Unit 2	External Exam	Health Issues and Scientific Reporting	33%
Optional Unit (4, 5 or 6)	Internal Coursework	Specialist topic (e.g. Biomedical Science)	17%

Career/Higher Education	Entry Requirements
<ul style="list-style-type: none"><li>• BSc (Hons) Nursing (Adult Health/Child Health/Mental Health)</li><li>• BSc (Hons) Psychology</li><li>• BSc (Hons) Physiotherapy</li><li>• Public Health</li><li>• Healthcare Science</li></ul>	<p>If Trilogy was studied at GCSE then Science GCSE grade 4-4.</p> <p>If separate sciences were studied at GCSE, a 4 grade in two subjects.</p> <p>A Grade 5 in Maths &amp; English would be an advantage.</p>

*"Science is more than a body of knowledge, it's a way of thinking, a way of sceptically interrogating the universe" Carl Sagan*

# Cambridge Technical Extended Certificate - Level 3

## Performing Arts (Acting/Dance/Music)



**Examination Board:** OCR

**Contact Teacher:** Mrs Mitchell

### Course Details and Assessment

The Performing Arts course allows students to specialise in their chosen art form (acting/dance/music) and can be completed as a single qualification (Extended certificate equivalent to 1 A Level) or a double qualification (Diploma equivalent to 2 A Levels).

It is an exciting qualification that allows students to specialise in a discipline whilst working collaboratively with other artists. This qualification is also known as a CTEC and is a vocational course; designed with the workplace in mind providing a high quality, but more practical alternative to A Levels.

There are no traditional written exams for the extended certificate course (single) and one for the Diploma Course (double). The externally examined units comprise practical performances with written assignments to support them.

**The table below shows the units required to complete the Extended Certificate. Students studying for the Diploma complete the same elements plus a number of other optional units. Please ask as there are many options.**

Mandatory Units			Pick one optional unit (17%)
Unit	Assessed	Weighting	
Prepare to work in the PA sector	Externally	33%	Current issues in PA Improvisation Health and fitness for performance Performing repertoire
Proposal for a commissioning brief	Externally	17%	
Influential performance practice	External	17%	
Combined arts	Internally	17%	

Career/Higher Education	Entry Requirements
University courses Professional performer Arts Education work	Grade 4 or above in GCSE Music, GCSE Drama Extra-curricular certificates in dance, drama or music.

*“The Arts are not just a nice thing to have or to do if there is free time or if one can afford it. Rather, paintings and poetry, music and fashion, design and dialogue, they all define who we are as a people and provide an account of our history for the next generation.”*

*Michelle Obama*

# A Level Philosophy & Ethics

Examination Board: OCR

Contact Teacher: Mrs Kelly



KINGSBURY GREEN  
ACADEMY

## Course Details and Assessment

This course is highly regarded by universities because of the mature levels of thinking required.

If you enjoy debating, discussion, thinking analytically and reading then this is a course you will enjoy. If you are intrigued by the ultimate questions such as "Why are we here?", "What happens after death?", "What evidence is there for a God?" and "What is the meaning of good/bad?" Then you will succeed in this course. This course complements English, History, Sociology, Maths and Psychology.

### The course will cover the following topic areas:

Year 1	Year 2
<p><b>Philosophy:</b> Ancient Philosophical influences, arguments about the existence or non -existence of God, the nature and impact of religious experience, the challenge for religious beliefs of the problem of evil, the nature of the soul, mind and body, the possibility of life after death.</p> <p><b>Ethics:</b> Normative ethical theories, the application of ethical theory to two contemporary issues of importance, ethical language and thought.</p> <p><b>Developments in Christian Thought:</b> Religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world; sources of religious wisdom and authority; practices which shape and express religious identity and how these vary within a tradition.</p>	<p><b>Philosophy:</b> Ideas about the nature of God, issues in Religious Language.</p> <p><b>Ethics:</b> Debates surrounding the significant ideas of conscience and freewill. Ethical Language and applied Sexual Ethics.</p> <p><b>Developments in Christian Thought:</b> Significant social and historical developments in theology and religious thought; key themes related to the relationship between religion and society.</p>

### The course is assessed in the following way:

#### A Level

There will be 3 exams lasting 2 hours each and worth 120 marks each. They are worth 33% each of the A Level total grade.

The exams are in Philosophy of Religion, Religion and Ethics, Developments in Christian Thought.

Career/Higher Education	Entry Requirements
This course is highly regarded by Universities because of the mature levels of thinking required. The skills developed could be particularly useful for careers in law, education, social work, politics, medicine, administration or the media.	Grade 5 or above in a Humanities subject or Grade 5 or above in English.

*"We are what we repeatedly do. Excellence, then, is not an act, but a habit."*

*Aristotle*

# A Level Photography

Examination Board: AQA

Contact Teacher: Mrs Ghent/Mrs Stewart



KINGSBURY GREEN  
ACADEMY

## Course Details and Assessment

The A Level photography course encourages students to experiment with a wide range of photographic media, techniques and processes in an expressive, creative and imaginative way.

The A level takes on the form of a Personal Investigation. Students develop practical work which is linked through the exploration of particular themes, concepts, ideas, issues or approaches. Students are actively encouraged to work in one or more area(s) of photography. They may explore, overlap and combine processes and techniques. Supporting their practical work, students produce a written investigation (between 1000 – 3000 words) relating to it. The externally set assignment allows students to select one starting point and put together a portfolio of work based around a theme working in one or more areas of analogue and /or digital photography.

**The course will cover the following areas:**

Year 1	Year 2
<p>Experimenting and developing an understanding of techniques and processes in analogue and digital photography.</p> <p>Analogue: Solargrams, projectograms, photograms, photo graffiti, photo stencils, taking / processing and developing 35mm films and producing prints, double exposure and sandwich prints.</p> <p>Digital: Contrast, hue and saturation, colour popping, layering, photomontage.</p>	<p>A Personal Investigation Exploring and experimenting with a wide range of both analogue and digital processes to express their ideas on their chosen theme.</p> <p>A written piece of work (1000 - 3000 words) to support their practical work. Study the work of a wide variety of photographers.</p> <p>Externally set assignment Explore their chosen starting point working in one or more areas of analogue and/or digital photography. With the combination of these to be connected in some way to that of photographers and artists.</p>

**The course is assessed in the following way:**

A Level		
Assessment	Outline	Weighting
Component 1	Unlimited	60%
Component 2 Externally set assignment	15 hours supervised time	40%

Career/Higher Education	Entry Requirements
University courses: Graphics, Advertising, Web Designers, Architecture, Animation, Photo journalism, Tourism photographer, PA/Marketing, Shoot producer, Freelance photographer, Photographic studio Intern, Product photographer etc.	Grade 4 or above at GCSE Photography or Art.  Grade 4 or above in English desirable.

*“Photography is more than a medium for factual communication of ideas. It is a creative art”. Ansel Adams*

# A Level Psychology

Examination Board: AQA

Contact Teacher: Mrs West



KINGSBURY GREEN  
ACADEMY

## Course Details and Assessment

Psychology is the study of people and their behaviours. We encourage students to investigate how we think, act, react and interact with our environment in different situations.

We have been analysing behaviour and the mind since the day we were born. This Social Science subject encompasses the biological influences, social pressures and environmental factors that affect our behaviours.

The course is 100% examination and covers a wide range of content over the 2 year A Level course.

### The course will cover the following topic areas:

A Level	
<b>Paper 1</b>	
1. Social Influence – conformity, obedience and minority influence.	
2. Memory - models of memory, forgetting and eye witness testimony.	
3. Attachments – types of attachments, cross cultural studies on attachments, effects of deprivation and institutionalisation, effects of attachment on later life.	
4. Clinical Psychology and Mental Health – definitions in the field of mental health, explanations and treatments for phobias, depression and OCD.	
<b>Paper 2</b>	
1. Approaches to Psychology – Behaviourism, Social Learning Theory, Cognitive, Psychodynamic, Humanistic and Biological.	
2. Biopsychology – Genetics, localisation and lateralisation of brain function and brain plasticity.	
3. Research Methods – experimental and non-experimental methods, ethics and descriptive and inferential statistics.	
<b>Paper 3</b>	
1. Issues and Debates in Psychology – nature V nurture, free will V determinism, culture and gender bias, idiographic V nomothetic and ethical implications.	
2. Gender – diversity in sex development, different explanations to gender development and the role of chromosomes and hormones for gender development.	
3. Schizophrenia – classification, diagnosis and explanations and treatments.	
4. Forensic Psychology – offender profiling and explanations for offending and dealing with offending behaviour.	

Career/Higher Education	Entry Requirements
Psychology is highly regarded by many universities for its development of skills and the insight given to human behaviour. Due to its scientific focus, it is seen by many universities as an acceptable science A-Level. This is an excellent grounding for a range of Social Science degrees and careers.	Grade 5 in English Language and Maths, also a Grade 5 in Science and a Grade 5 in a Humanities subject at GCSE.

*"We are what we are because we have been what we've been, and what is needed is for solving problems of human life is not moral estimates but more knowledge."*

Sigmund Freud

# A Level Physics

Examination Board: OCR

Contact Teacher: Ms West



KINGSBURY GREEN  
ACADEMY

## Course Details and Assessment

The A Level Physics course has a strong focus on problem solving and practical skills. Over the course, pupils will cover a diverse range of content - from classical mechanics to quantum theory - and investigate how these are applied to areas of science such as cosmology and medical physics. Through investigative work pupils will develop a deep understanding of key principles and apply this to new contexts.

**The course will cover the following topic areas:**

Year 1/2
1 - Development of practical skills in physics 2 - Foundations in physics 3 - Forces and Motion 4 - Electrons, waves and photons 5 - Newtonian world and astrophysics 6 - Particles and medical physics

**The course is assessed in the following way:**

A Level		
Assessment	Outline	Weighting
2 hours 15 minutes written paper	Modelling physics (01) (assesses modules 1,2,3 and 5)	37%
2 hours 15 minutes written paper	Exploring physics (02) (assesses modules 1,2,4 and 6)	37%
1 hour 30 minutes written paper	Unified physics (03) (assesses modules 1 to 6)	26%
Non-exam assessment	Practical endorsement in physics (04) (Ongoing portfolio of experimental techniques)	pass or fail

Career/Higher Education	Entry Requirements
Physics Mathematics Engineering Astrophysics Particle physics Chemical engineering Biomedical engineering Radiography Optometry ... and many, many more.	If Trilogy science was studied at GCSE: <ul style="list-style-type: none"><li>• A grade 6-6 in Science, including Physics units at 6 or above</li></ul> If separate sciences were studied at GCSE: <ul style="list-style-type: none"><li>• A grade 6 in Physics</li><li>• A grade 6 in either Biology or Chemistry</li></ul> A grade 6 in Mathematics is preferable, a grade 5 essential. A Grade 6 or above in English would be an advantage.

*"Not only is the Universe stranger than we think, it is stranger than we can think."*  
**Werner Heisenberg**

# A Level Sociology

Examination Board: AQA

Contact Teacher: Mrs Durham / Mrs Cave



## Course Details and Assessment

Sociology is the study of human social relationships and institutions, the consideration of what actually is society, and how and why it is the structure it is. Sociology's units are diverse, ranging from crime to religion, from the family to the state, from the divisions of race and social class to the shared beliefs of a common culture, and from social stability to radical change in whole societies.

**The course will cover the following areas:**

Year 1	Year 2
The course covers not only the skills needed to research Sociology but also the influence of two key functions within society - education and the family.	The course at year 2 builds upon the first year of study, developing further the research and evaluation skills. It also considers two new aspects of society - the role of belief within society and the impact of crime and deviance upon society.

**The course is assessed in the following way:**

### A Level

Assessed across 3 papers of equal weighting (33.3%). Each exam is 2 hours.

Paper 1: Education with Theory and Methods - A mixture of short and extended answers considering both knowledge of Education unit and the skills of Sociologists.

Paper 2: Topics in Sociology - Extended written answers on both the Families unit and the Beliefs in Society unit.

Paper 3: Crime and Deviance with Theory and Methods - A mixture of short and extended answers considering both knowledge of Crime and Deviance unit and the skills of Sociologists.

Career/Higher Education	Entry Requirements
Sociology is highly regarded by many universities for its development of skills and the insight given to the function and role of aspects within society. This is an excellent grounding for a range of social science degrees, careers in public service and education.	Grade 5 in English Language for written communication skills, and a grade 5 in any Humanities subject at GCSE.

*"Whatever Sociology may be, it is the result of constantly asking the question, what is the meaning of this?"*  
**C Wright Mills**

# Cambridge Level 3 Technical Extended Certificate in Sport & Physical Activity

Examination Board: OCR

Contact Teacher: Mr Ferguson



KINGSBURY GREEN  
ACADEMY

## Course Details and Assessment

The OCR course 'extended certificate' in sport and physical activity is a practical and engaging course which will allow all learners to achieve their potential. It focuses on developing theoretical knowledge and understanding of the factors that underpin physical activity and sports science. It requires learners to understand how physiological and psychological factors affect performance, with a significant element of course based upon sports leadership and coaching. This course is perfect for students who wish to prepare for employment in the sport and physical activity sector, or move onto a sport based degree at university.

**The course will cover the following topic areas:**

### Full Course overview

Students will complete 5 units over the duration of the course. Some units are externally assessed by OCR in the form of an exam, while other units are completed by students in the form of a written assignment which is then internally assessed by school staff and then moderated by the exam board. Students will complete 360 guided learning hours over the duration of the two-year course, and will finish with the equivalent of one full GCE A level.

**The course is assessed in the following way:**

Unit titles	How are they assessed
Body Systems and the Effects of physical Activity	External exam in June of the first year
Sports Coaching and Activity Leadership	Assignment/ Practical based tasks
Sports Organisation and Development	External exam in January of the second year
Practical Skills in Sport and Physical Activities	Assignment/ Practical based tasks
Sports Injuries or Sports Psychology	Assignment/ Practical based tasks

Career/Higher Education	Entry Requirements
University courses: Sports Science/ coaching/ psychology/ sociology. Careers could include: physiotherapy/ coaching/ leadership/ governing bodies/ teaching.	Merit 2 at Sports Science in Year 11 (or equivalent GCSE mark). Grade 5 (or equivalent) in English and Science. An enthusiasm and love of physical activity and sport in general.

*"The power of the human will to compete and the drive to excel beyond the body's normal capabilities is most beautifully demonstrated in the arena of sport."*

*Aimee Mullins*



# BTEC National Extended Certificate Level 3 in Travel and Tourism

Examination Board: Pearson

Contact Teacher: Miss Todd

## Course Details and Assessment

The Pearson BTEC National Extended Certificate in Travel and Tourism is designed for post-16 learners with an interest in travel and tourism who want to continue their education through applied learning, and who aim to progress to higher education. This qualification gives a broad introduction to the travel and tourism industry, with an emphasis on core knowledge and fundamental skills that are transferable across other sectors. You will have to complete a range of units, be organised, take some assessments that will be set and marked and keep a portfolio of your assignments. The qualification is comprised of four units. As shown in the table below three of the units are mandatory and one is an optional unit from a choice of two topic areas. Two of the units are externally assessed (Comprising 58% of the course). The other two units are internally assessed (Comprising 42% of the course).

## Content

The three mandatory units cover the following content areas:

- The travel and tourism industry – the travel and tourism industry in the UK is growing and is of major importance to the economy.
- Different types of destinations and their importance – learners will investigate the features and appeal of global destinations.
- Principles of marketing in travel and tourism – learners will explore how to develop a successful marketing plan for use by travel and tourism organisations to attract and engage with customers using research data.

The course is assessed in the following way:

Content				
Mandatory units				
Unit title	Guided learning hours	Percentage	Externally assessed	Internally assessed
The world of Travel and Tourism	90	25%	Yes	
Global destinations	120	33%	Yes	
Principles of marketing in Travel and Tourism	90	25%		Yes
Visitor attractions	60	17%		Yes

Career/Higher Education	Entry Requirements
The course prepares you either to work within the industry or to progress to higher education. The travel and tourism industry is worldwide and can offer excellent opportunities for travel and work across the globe.	Grade 4 or above in English Language. Grade 4 or above in a Humanities subject (ideally Geography) Grade 4 or above in Maths.

*“Tourism is important because it can create sustainable local economies. I'd much rather have 1,000 tourists going up the Tambopata than 1,000 gold miners.”*

# Cambridge Advanced National Extended Certificate in Cyber Security & Networks

**Examination Board:** Cambridge OCR

**Contact Teacher:** Miss Parsons & Miss Cobb

## Course Details and Assessment

The Advanced National in Cyber Security and Networks develop students' knowledge, understanding and skills of cyber security and networks. Cyber security and networking are highly in demand within industry and many businesses have skills gaps in these areas. This qualification is designed to help fill those gaps. Students will gain a knowledge of the cyber security industry, how to spot cyber-attacks and the prevention of cyber-attacks. Students will also gain an understanding of digital forensics and how evidence can be collated and gathered. Alongside this, students will also learn about networking, how networks are designed and created along with the maintenance and management of networks.

**The course will cover the following Cyber Security & Networking topic areas:**

Year 1	Year 2
Fundamentals of Cyber Security (F193) <ul style="list-style-type: none"> <li>The cyber security landscape</li> <li>Cyber security vulnerabilities</li> <li>Impact of cyber security events</li> <li>Cyber security mitigations</li> </ul> Fundamentals of Networks (F194) <ul style="list-style-type: none"> <li>Network types, models and topologies</li> <li>Network layers, protocols and addressing</li> <li>Mobile and wireless networks</li> </ul> Preventing Cyber Attacks (F195) <ul style="list-style-type: none"> <li>Cyber security aims and threats</li> <li>Identify risks to networks and data</li> <li>Audit and improve cyberattack prevention measures</li> <li>Design written user policies</li> </ul>	Digital Forensic Investigation (F196) <ul style="list-style-type: none"> <li>Fundamentals of digital forensics</li> <li>Plan digital forensic investigations</li> <li>Collect, preserve and analyse digital evidence</li> <li>Report digital forensic investigation findings</li> </ul> Implementing Secure Local Area Networks (F198) <ul style="list-style-type: none"> <li>Purpose and components of local area networks</li> <li>Design secure local area networks</li> <li>Implement and secure local area networks</li> <li>Test local area networks</li> <li>Review and maintain local area network performances and security.</li> </ul>

**The course is assessed in the following way:**

Year 1			Year 2		
Assessment	Outline	Weighting	Assessment	Outline	Weighting
(F193)	2hrs Written Paper	21%	(F196)	Internal Assignment	19.5%
(F194)	2hrs Written Paper	19.5%	(F198)	Internal Assignment	19.5%
(F195)	Internal Assignment	21%			

Career/Higher Education	Entry Requirements
University courses – Computer Networks/Cyber Security Apprenticeship – Cyber Security Analyst/Networking Manager	Merit or above in ICT. Grade 4 in GCSE English Language and Maths.

*"The best defence against cyber threats is a well-informed and vigilant workforce."*

*James Comey*

# Level 3 Certificate in Mathematical Studies (Core Maths)

Examination Board: AQA

Contact Teacher: Miss Wiltshire



KINGSBURY GREEN  
ACADEMY

## Course Details and Assessment

This is a 2 year course that leads to a Level 3 qualification equivalent to an AS level. Core Maths has been designed to maintain and develop real-life mathematical skills. What students study is not purely theoretical or abstract; it can be applied on a day-to-day basis, whether in work, study or life. It includes a financial mathematics element as well as statistics and analysis. It should support other A level subjects, in particular with science, geography, business studies, economics and psychology.

**The course will cover the following key mathematical topic areas:**

Level 3 Course compulsory	Optional depending on unit chosen (2A/2B/2C)
Analysis of data	Normal distribution (2A)
Maths for personal finance	Probabilities and estimation (2A)
Estimation	Correlation and regression (2A)
Critical analysis of data (including spreadsheets)	Critical path and risk analysis (2B) Expectation (2B) Cost benefit analysis (2B) Graphical methods (2C) Rates of change (2C) Exponential functions (2C)

**The course is assessed in the following way at the end of Year 2:**

Level 3 certificate		
Assessment	Outline	Weighting
Paper 1 1 hour 30	Compulsory	50%
Paper 2 1 hour 30	2A: Statistical techniques OR 2B: Critical path and risk analysis OR 2C: Graphical techniques	50%

Career/Higher Education	Entry Requirements
Maths/Science related university courses as well as workplace problem solving.	Grade 4 or above at GCSE Mathematics

*"If people do not believe that mathematics is simple, it is only because they do not realise how complicated life is."*

John von Neumann

# Extended Project Qualification Level 3 (EPQ)

Examination Board: Edexcel

Contact Teacher: Miss Braithwaite



KINGSBURY GREEN ACADEMY

## Course Details and Assessment

With Extended Project, you get a say in what you want to study. With the support of Ms Wood you choose a topic to explore in-depth – usually one that interests you, which you might like to study in Higher Education, or pursue as a career. The EPQ has no exams, just coursework, so if you’re self-motivated and enjoy working independently - whether in a practical way, like designing or performing, or researching, investigating and writing - then EPQ is for you. You will learn more about something that interests you and investigate a controversial topic whilst you expand your knowledge and gain practical skills that will help you in Higher Education and the workplace.

**The course allows you to complete a project in four ways:**

Dissertation	Artefact (sculpture/model/DVD)
Examples: Can you believe in God and the Big Bang? Should children be forced to exercise?	Examples: Jewellery made from recycled materials A model of a church created using Computer Aided Design
Investigation/Field Study	Performance (sport/drama/music)
Examples: Is Wi-Fi safe? Do violent computer games contribute to anti-social behaviour?	Examples: The role of comedy in serious culture Is music effective in motivating workers?

**The course is assessed in the following way:**

Year 1/2															
Assessment															
Project management, final project and presentation of final work. This course is equivalent to an AS level.															
<table border="1"><thead><tr><th>Grade</th><th>UCAS points</th></tr></thead><tbody><tr><td>A*</td><td>24</td></tr><tr><td>A</td><td>20</td></tr><tr><td>B</td><td>16</td></tr><tr><td>C</td><td>12</td></tr><tr><td>D</td><td>10</td></tr><tr><td>E</td><td>6</td></tr></tbody></table>		Grade	UCAS points	A*	24	A	20	B	16	C	12	D	10	E	6
Grade	UCAS points														
A*	24														
A	20														
B	16														
C	12														
D	10														
E	6														

Career/Higher Education	Entry Requirements
Subject related university courses as well as level four apprenticeships Research skills Independent learning	A grade 5 at GCSE English Language and Literature and maths would be an advantage

*"Research is creating new knowledge." Neil Armstrong*



# Gold Duke of Edinburgh Award

**Examination Board:** N/A

**Contact Teacher:** Mr Parry

## Course Details and Assessment

The Gold Duke of Edinburgh Award is often referred to as the Golden A Level.

The award is an opportunity for you to stand out from other University and job applicants by demonstrating a commitment to supporting others and also developing your own personal skills.

You do not need to have completed the Bronze or Silver award to undertake Gold. The Gold award consists of completing 5 different areas; Expedition, Volunteering, Skill, Physical and a Residential. Universities and business rate the Gold award as one of the most important additions to a student's CV.

There is no exam for the award but an assessed expedition is undertaken at the end of Year 13. The key training elements are delivered in a one hour lesson every fortnight.

### **The award covers 5 distinct areas:**

Volunteering	Physical
This involves supporting a community organisation or individual, which can take place in or out of school	Developing your own physical wellbeing through personal fitness.
Skill	Residential
Developing skills, such as learning to drive, cooking etc.	Undertaking a 5 day 4 night residential which gives an opportunity to develop your skill set in a variety of areas.
Expedition	
The expedition phase consists of a practice expedition in Year 12 and an assessed expedition in Year 13. These take place after the exams and are normally in the mountains of Southern Wales. The expedition is over 4 days and involves students planning and navigating the expedition with limited support from staff.	

## How to apply to KGA6

Please scan the QR code which will take you to our online application form. If you are unable to access the form, please try the following weblink:

<https://forms.office.com/e/kcrchETQHz>



If you are still having technical issues, please contact [admin@kga.ascendlearningtrust.org.uk](mailto:admin@kga.ascendlearningtrust.org.uk) and we can send you a link directly.

You will need to select 4 subjects, when selecting these , please do not repeat options.

For external applicants, be sure to provide contact details of a parent/guardian.

If you would like a meeting to discuss your options further, we'd be happy to arrange one. Please contact us at [admin@kga.ascendlearningtrust.org.uk](mailto:admin@kga.ascendlearningtrust.org.uk)

