



KINGSBURY GREEN
ACADEMY

Sixth Form Options September 2020



FACULTY	SUBJECTS OFFERED
Creative Arts	A Level Fine Art A Level Photography Cambridge Technical Extended Certificate in Performing Arts – Level 3
English	A Level English Language A Level English Literature
Humanities	A Level History A Level Philosophy and Ethics A Level Geography A Level Psychology A Level Sociology
Enterprise and Creative Technology	A Level Engineering WJEC Level 3 Diploma in Food Science and Nutrition Cambridge Technical Extended Certificate in IT - Level 3 A Level Business Studies
Maths	A Level Mathematics A Level Further Mathematics Level 3 Certificate in Mathematical Studies (Core Maths)
MFL	A Level French A Level German
PE	Cambridge Technical Extended Certificate in Sport and Physical Activity – Level 3
Science	A level Biology A level Physics A level Chemistry BTEC Level 3 National Extended Certificate in Applied Science

BTEC Level 3 National Extended Certificate in Applied Science

Examination Board: Edexcel

Contact Teacher: Mr Edwards



Course Details and Assessment

The applied science course is an opportunity for students to continue at Post 16 with all three sciences. The course is designed for learners who are interested in learning about the sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in applied science. The course has a high focus on developing hands on practical skills alongside high level theory.

The course will cover the following topic areas:

Year 1	Year 2
Unit 1- Principles and applications of science Unit 2– Practical Scientific procedures and techniques	Unit 3– Science investigation skills Unit 8 – Physiology of human body systems.

The course is assessed in the following way:

Year 1			Year 2		
Assessment	Outline	Weighting	Assessment	Outline	Weighting
Unit 1- Principles and applications of science	Externally assessed exam	25%	Unit 3– Science investigation skills	Externally assessed synoptic exam	33%
Unit 2– Practical Scientific procedures and techniques	Internally assessed coursework	25%	Unit 8 – Physiology of human body systems	Internally assessed coursework	17%

Career/ Higher Education	Entry Requirements
Link to range of university courses Laboratory based research Pharmacy Education Sport Science	If trilogy was studied at GCSE then Science GCSE grade 4-4. If separate sciences were studied at GCSE, a 4 grade in two subjects. A Grade 5 in Maths & English would be an advantage.

“Science is more than a body of knowledge, it’s a way of thinking, a way of sceptically interrogating the universe” Carl Sagan

A Level Biology

Examination Board: OCR

Contact Teacher: Mrs Witts



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 Biological molecules Enzymes Cell division Exchange surfaces and breathing Transport in animals and plants Classification and evolution Biodiversity Communicable diseases	Neuronal and hormonal communication Homeostasis Plant responses Energy for biological processes Respiration Genetics of living systems Patterns of inheritance and variation Manipulating genomes 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%

Career/ Higher Education	Entry Requirements
Biology Environmental biology Ecology Medicine Veterinary science Pharmacy Biomedical engineering Sports science Education and many, many more	2 Science GCSEs at Grade 5 or above. A Grade 5 or above in Maths and English would be an advantage.

"The essence of life is statistical improbability on a colossal scale." Richard Dawkins

A Level Business

Examination Board: AQA

Contact Teacher: Mr Mooney



KINGSBURY GREEN
ACADEMY

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:

Year 1	Year 2
<p>An introduction to key business areas: Marketing, operations, finance and human resource management. This includes a special focus on decision making - particularly how decisions made in one area can affect the rest of the business.</p> <p>Content</p> <p>Topic 1 - What is business?</p> <p>Topic 2 - Managers, leadership and decision making</p> <p>Topic 3 - Decision making to improve marketing performance</p> <p>Topic 4 - Decision making to improve operational performance</p> <p>Topic 5 - Decision making to improve financial performance</p> <p>Topic 6 - Decision making to improve human resource performance</p>	<p>An investigation of the strategic decisions that all businesses have to make.</p> <p>Content</p> <p>Topic 7 - Analysing the strategic position of a business</p> <p>Topic 8 - Choosing the strategic direction</p> <p>Topic 9 - Strategic methods: how to pursue strategies</p> <p>Topic 10 - Managing strategic change</p>

The course is assessed through 3 written exams.

Career/Higher Education	Entry Requirements
<p>If you'd like to study business, finance or management at university, A Level Business provides an excellent foundation. The skills you learn are also transferable across a broad range of subjects and careers. Whatever you choose to do in the future, you'll find that the things you learn in this course will help. For example, you'll probably work with lots of different people, so knowledge of motivational theory will help you to work well with others and help them achieve their potential. You might have ambitious plans to start your own business. If that's the case, you'll find the marketing and finance topics particularly useful.</p>	<p>Grade 5 in both English Lit and Lang</p> <p>Grade 5 in Maths</p> <p>Grade 5 in Business Studies (if applicable)</p>

"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

Contact Teacher: Mrs Woods / Mrs Choudhury



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 2 - Foundations in Chemistry Module 3 - The Periodic Table and Energy Module 4 - Core Organic Chemistry	Module 5 – Physical Chemistry and Transition Elements Module 6 – Organic Chemistry and Analysis

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 Dentistry Chemical Engineering Biochemical Sciences Pharmacology and many , many more	2 Science GCSEs at Grade 5 or above. A Grade 5 or above in Maths and English would be an advantage.

“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

BTEC Level 3 National Extended Certificate in Certificate in Engineering



KINGSBURY GREEN
ACADEMY

Examination Board: Pearson

Contact Teacher: Mr Brumby

Course Details and Assessment

The Engineering course has been developed to provide a broad educational basis for understanding engineering sectors. Learners explore how processes are undertaken by teams to create engineered products or to deliver engineering services safely. Learners will also develop two-dimensional (2D) detailed drawings and three-dimensional (3D) models using a computer-aided design (CAD) system. We investigate a variety of engineering techniques, processes and technologies, as well as looking at the design process and prototyping. Students will be expected to complete both coursework and exam elements to this qualification, where they will develop practical skills and general engineering skills like how to read an engineering drawing.

The course will cover the following topic areas:

Year 1	Year 2
Unit 1 – Engineering Principles Unit 3 – Engineering Product Design and Manufacture	Unit 2 – Delivery of Engineering Processes Safely as a Team. Unit 10 – Computer Aided Design in Engineering

The course is assessed in the following way:

Year 1			Year 2		
Assessment	Outline	Weighting	Assessment	Outline	Weighting
Unit 1 - Engineering Principles	Externally assessed exam	25%	Unit 2 – Delivery of Engineering Processes Safely as a Team.	Internally assessed coursework	25%
Unit 3 – Engineering Product Design and Manufacture	Externally assessed exam	25%	Unit 10 – Computer Aided Design in Engineering	Internally assessed coursework	25%

Career/ Higher Education	Entry Requirements
<ul style="list-style-type: none"> Automotive technology Aerospace technology Electrical engineering Electronic engineering Mechanical engineering Civil engineering 	Merit or above at Level 2 WJEC Engineering or Grade 4 or above in Design & Technology Grade 4 or above in English Grade 5 of above in Maths

“The human mind is a channel through which things to be are coming into the realm of things that are” Henry Ford

A Level English Language

Examination Board: Edexcel

Contact Teacher: Mrs Lloyd/ Mr Savery



Course Details and Assessment

As part of the **Language Variation** component, students will explore how language varies depending on mode, field, function and audience, and how language choices can create personal identities. This module will also give students to explore the variation in English from the beginnings of Early Modern English to the present day.

During the **Child Language** component, students will explore spoken language acquisition and how children learn to write between the ages of 0 and 8.

Throughout the **Investigating Language** component, students will select a research focus and develop their research and investigation skills. Students will apply their knowledge of language concepts that they have developed across the whole course.

As part of the **Crafting Language** component, students will demonstrate their skills as writers within their selected genre, crafting texts for different audiences and/or purpose. They will reflect on their research and writing in an accompanying commentary.

A Level		
Assessment Component	Exam	Weighting
Language Variation	Written examination, lasting 2 hours 15 minutes	35% of the total qualification
Child Language	Written examination, lasting 1 hour	20% of the total qualification
Investigating Language	Written examination, lasting 1 hour 45 minutes	25% of the total qualification
Crafting Language	Internally assessed coursework. Externally moderated	20% of the total qualification

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

"This is a Wug. Now there are two of them. There are two _____." *'The Wug Test' Berko*

A Level English Literature

Examination Board: AQA Literature B

Contact Teacher: Miss Hare



KINGSBURY GREEN
ACADEMY

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>Paper 1: Literary genres (Drama)</u> Shakespeare's <i>Othello</i>/ Miller's <i>Death of a Salesman</i></p> <p><u>Paper 2: Literary genres (Prose and poetry)</u> Fitzgerald's <i>The Great Gatsby</i> Keats' Poetry</p> <p>Theme: <i>Aspects of Tragedy</i></p>	<p><u>Paper 1: Literary genres – Aspects of Tragedy</u> Shakespeare's <i>Othello</i>/ Miller's <i>Death of a Salesman</i>/Keats' poetry</p> <p><u>Paper 2: Texts and Genres – Political and Social Protest Writing</u> Atwood's <i>The Handmaid's Tale</i>/ Hosseini's <i>The Kite Runner</i>/ Blake's poetry/ Unseen passage from a text</p> <p><u>Paper 3: Theory and Independence (non-exam)</u> 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:

Students who wish to achieve qualifications in English Literature are assessed as follows:

A Level
<p>Assessment</p> <p><u>Paper 1: Literary genres</u> Closed book exam. 2 hrs 30 mins. 40%</p> <p><u>Paper 2: Texts and Genres</u> Open book exam. 3 hrs. 40%</p> <p><u>Paper 3: Theory and Independence (non-exam) 20%</u></p>

Career/ Higher Education	Entry Requirements
<p>University courses – highly regarded due to being considered a “facilitating subject” but especially usefully for: Journalism, Media, Education and Law</p>	<p>Minimum of Grade 5 or above in GCSE English Literature. A passion for reading and critical analysis. Strong independent learner.</p>

"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

Extended Project Qualification Level 3

Examination Board: Edexcel

Contact Teacher: Ms Wood



Course Details and Assessment

With Extended Project, you get a say in what you want to study. With the help 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 Project 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. For the Extended Project, there are four types of Project to pick from:

- Write a dissertation
- Produce an artefact, like a sculpture, model or DVD
- Develop and showcase a performance (sport, drama or music)
- Conduct an investigation/field study.

Below are the titles of some Projects that students have already completed.

<p>Dissertation</p> <ul style="list-style-type: none"> - Why do 14-19 year olds smoke cannabis? - Can you believe in God and the Big Bang? - Should children be forced to exercise? 	<p>Artefact</p> <ul style="list-style-type: none"> - Recycled: jewellery made from recycled materials - Erosion and decay: A series of images (paintings, photos, prints, etc) based on the theme - A model church, created using Computer Aided Design
<p>Investigation</p> <ul style="list-style-type: none"> - Is Wi-Fi safe? - Do violent computer games contribute to anti-social behaviour? - Do government health campaigns affect levels of binge drinking? 	<p>Performance</p> <ul style="list-style-type: none"> - The role of comedy in serious culture - Is music effective as a way of motivating workers? - How can we make classical texts popular to new audiences?

Essentially it's not what you produce but the process you used to manage your Project. What you learn and how you perform throughout the time spent on your Project all count towards your final grade. The skills you learn to complete your Project will be really helpful, whether you want to go into higher education, or get a job. Extended Project earns you valuable UCAS points (see table), so if the university offer stipulates the points total you need, rather than A level grades, then this extra qualification could help to take you where you really want to be.

Grade	UCAS Points	Equivalence
A*	70	
A	60	0.5 GCE at grade A
B	50	0.5 GCE at grade B
C	40	0.5 GCE at grade C
D	30	0.5 GCE at grade D
E	20	0.5 GCE at grade E

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

A Level Fine Art

Examination Board: AQA

Contact Teacher: Ms Bennett and Mrs Lesniowska



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: The course is assessed in the following

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

way:

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. Grade 4 or above in English desirable

Level 3 Diploma in Food Science and Nutrition

Examination Board: WJEC

Contact Teacher: Miss Giddings



KINGSBURY GREEN
ACADEMY

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	
Unit: Meeting nutritional needs of specific groups	<ul style="list-style-type: none"> Internal coursework Exam - total of 90 marks
Unit: Ensuring food is safe to eat	<ul style="list-style-type: none"> Assignment to take place after the 1st May An 8 hour timed, supervised assessment Completed in a 3 week time frame WJEC provide the topic to be investigated
Unit: Current issues in food science and nutrition	<ul style="list-style-type: none"> Controlled assessment Students research their own topic

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
Current issues in food science and nutrition	Coursework completed in school. Topic to be investigated chosen by student	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: Mrs Cobbold



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:

A Level
Core Content: Social issues and trends, Political and artistic culture , Grammar
Options: Works: Literary texts and films

The course is assessed in the following way:

Students who wish to achieve either the A Level qualification in French must complete the 3 papers detailed below .

A Level		
Assessment	Outline	Weighting
2 hours 30 minutes written exam	Paper 1: Listening, reading and writing	50%
2 hours written exam	Paper 2: Writing (literary texts and/ or film)	20%
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

"The limits of my language are the limits of my world." Ludwig Wittgenstein

A Level Further Mathematics

Examination Board: EDEXCEL

Contact Teacher: Mr Darton



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

A Level Geography

Examination Board: OCR

Contact Teacher: Mr Parry



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

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 Cobbold



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:

A Level
Core Content: Social issues and trends, Political and artistic culture , Grammar
Options: Works: Literary texts and films

The course is assessed in the following way:

Students who wish to achieve either the A Level qualification in German must complete the 3 papers detailed below .

A Level		
Assessment	Outline	Weighting
2 hours 30 minutes written exam	Paper 1: Listening, reading and writing	50%
2 hours written exam	Paper 2: Writing (literary texts and/or film)	20%
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 German

"The limits of my language are the limits of my world." Ludwig Wittgenstein

A Level History

Examination Board: Edexcel

Contact Teacher: Mrs Durham



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 JUSTICE and how it is achieved, by whom and for whom. In this way, students will be able to draw wider conclusions as to the nature of justice and equality in today's society.

The course will cover the following areas:

Year 1	Year 2
<ol style="list-style-type: none"> 1. The Crusades c.1095-1204 2. England and the Angevin Empire in the reign of Henry II 1154-1189 	<ol style="list-style-type: none"> 3. Civil Rights and Race Relations in the USA 1850-2009 4. Germany in the 20th Century

The course is assessed in the following way:

A Level	
<p>Unit 1 is a written examination, lasting 2 hours 15 minutes, worth 30% of final A Level. Students answer three questions: one from Section A, one from Section B and one from Section C. 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).</p> <p>Unit 2 is a written examination, lasting 1 hour 30 minutes, worth 20% of final A Level. Students answer two questions: one from Section A and one from Section B. 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).</p> <p>Unit 3 is a written examination, lasting 2 hours 15 minutes, worth 30% of final A Level. Students answer three questions: one from Section A, one from Section B and one from Section C. 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).</p> <p>Unit 4 is internally assessed having completed a 4000 word investigation, focusing upon a topic of contention for historians regarding an aspect of Germany in the 20th Century.</p>	
Career/ Higher Education	Entry Requirements
<p>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.</p> <p>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.</p>	<p>Grade 5 in GCSE History (or Grade 5 in both English Language and English Literature if History has not been taken at GCSE)</p>

“The more you know about the past, the better prepared you are for the future.”

Theodore Roosevelt

Cambridge Technicals Extended Certificate in IT

Examination Board: OCR

Contact Teacher: Miss Parsons



KINGSBURY GREEN
ACADEMY

Course Details and Assessment

The Cambridge Technical's course in IT aims to develop students' knowledge, understanding and skills of the essentials of IT and Cyber Security. Students will gain an insight into the IT sector as they investigate the pace of technological change, IT infrastructure on a global scale, and the importance of legal and security considerations. The course is an exciting combination of Computer Science and IT and allows students who have an interest in the subject to continue to develop their knowledge.

The course will cover the following IT topic areas:

Year 1	Year 2
Fundamentals of IT <ul style="list-style-type: none"> • Computer Components • Computer Systems • Number Systems • Software Global Information <ul style="list-style-type: none"> • Types of Information • WWW Technology • Risks and Impacts of Technology 	Cyber Security <ul style="list-style-type: none"> • Cyber Attacks • Responding to Cyber Attacks Project Management <ul style="list-style-type: none"> • Project Lifecycle • Planning and Executing Projects Internet of Everything <ul style="list-style-type: none"> • Global Impact • How People Connect Globally

The course is assessed in the following way:

Year 1			Year 2		
Assessment	Outline	Weighting	Assessment	Outline	Weighting
Unit 1 Exam	1hr 30mins Written Paper	22%	Unit 3 Exam	1hr Written Exam	22%
Unit 2 Exam	1hr 30mins Written Paper	22%	Unit 8	Internal Assignment	16%
			Unit 17	Internal Assignment	16%
Career/Higher Education			Entry Requirements		
University courses Apprenticeship Technician			Merit or above in IT qualification. Grade 4 in GCSE English Language and Maths.		

"The number one benefit of information technology is that it empowers people to do what they want to do. It lets people be creative. It lets people be productive. It lets people learn things they didn't think they could learn before, and so in a sense it is all about potential."

Steve Ballmer - Microsoft

Level 3 Certificate in Mathematical Studies (Core Maths)

Examination Board: AQA

Contact Teacher: Mr Darton



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 Maths for personal finance Estimation Critical analysis of data (including spreadsheets)	Normal distribution (2A) Probabilities and estimation (2A) Correlation and regression (2A) 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:

Students who wish to achieve qualifications in Core Maths must complete the assessments listed below in the final year of study i.e. 2 exams 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

“Pure mathematics is, in its way, the poetry of logical ideas.” Albert Einstein

A Level Mathematics

Examination Board: EDEXCEL

Contact Teacher: Mr Darton



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, high Grade 6 will be considered.

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

Cambridge Technicals Extended Certificate - Level 3 Performing Arts (Acting/ Dance/ Music)



Examination Board: OCR

Contact Teacher: Mrs Roach / Mrs Mitchell / Ms Wood

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 1A Level) or a double qualification (Diploma equivalent to 2 A Levels).

It is an exciting new 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 shows what you complete for the Extended Certificate. For the Diploma you do the same plus a number of other optional units. Please ask as there are many.

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, Psychology and Government and Politics.

The course will cover the following topic areas:

Year 1	Year 2
<p>Philosophy: 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>Ethics: Normative ethical theories, the application of ethical theory to two contemporary issues of importance, ethical language and thought.</p> <p>Developments in Christian Thought: 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>Philosophy: Ideas about the nature of God, issues in Religious Language.</p> <p>Ethics: Debates surrounding the significant ideas of conscience and freewill. Ethical Language and applied Sexual Ethics.</p> <p>Developments in Christian Thought: 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
<p>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.</p> <p>The exams are in Philosophy of Religion, Religion and Ethics, Developments in Christian Thought.</p>

Career/ Higher Education	Entry Requirements
<p>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.</p>	<p>Grade 5 in a Humanities subject or Grade 5 or above in English.</p>

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

Aristotle

A Level Photography

Examination Board: AQA

Contact Teacher: Ms Bennett



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 Physics

Examination Board: OCR

Contact Teacher: Mr Aston and Mr Edwards



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:

Full A Level
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:

Students who wish to achieve qualifications in physics must complete all the assessments below:

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)	pass or fail

Career/ Higher Education	Entry Requirements
University courses 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"> Two Science GCSEs grade 5 (including Physics units at 5 or above) If separate sciences were studied at GCSE: <ul style="list-style-type: none"> A grade 5 in Physics A grade 5 in either Biology or Chemistry A grade 6 in Mathematics is preferable, 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 Psychology

Examination Board: AQA

Contact Teacher: Mr Chick



Course Details and Assessment

Psychology is the science of the mind and behaviour. The A level course looks to teach students about the history of psychology and its major approaches as well as giving them a chance to engage in some of the topic areas of interest, such as memory, social influence, psychopathology, relationships and forensic psychology.

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

Paper 1

1. Memory- features of memory, models of memory and eye witness testimony.
2. Social Influence – conformity, obedience, minority influence and social change.
3. Attachments – types of attachments, cross cultural studies on attachments, effects of deprivation and institutionalisation, effects of attachment on later life.
4. Psychopathology – defining abnormality, phobias, depression, OCD, perspectives explanations and treatments.

Paper 2

1. Approaches to Psychology – Behaviourism, SLT, Cognitive, Psychodynamic, humanistic and Biological.
2. Biopsychology – Genetics, localisation of brain function, researching the brain, brain plasticity and biological rhythms.
3. Research Methods – experimental and non-experimental methods, ethics and statistics.

Paper 3

1. Issues and Debates in Psychology – nature V nurture, free will V determinism, culture and gender bias, idiographic V nomothetic and ethical implications.
2. Relationships – evolutionary explanations of attraction, theories of relationship formation and breakdown, parasocial relationships and virtual relationships.
3. Schizophrenia – classification, diagnosis, explanations and treatments
4. Forensic Psychology – explanations of crime, offender profiling 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 and courses as an acceptable science A Level. This is an excellent grounding for a range of Social Science degrees, careers in Health Care and Education.	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 Sociology

Examination Board: AQA

Contact Teacher: Mrs Durham



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
<p>Paper 1: Education with Theory and Methods - 2hr paper worth 33.3% of final A Level. A mixture of short and extended answers considering both knowledge of Education unit and the skills of Sociologists.</p> <p>Paper 2: Topics in Sociology - 2hr paper worth 33.3% of final A Level. Extended written answers on both the Families unit and the Beliefs in Society unit.</p> <p>Paper 3: Crime and Deviance with Theory and Methods - 2hr paper worth 33.3% of final A Level. A mixture of short and extended answers considering both knowledge of Crime and Deviance unit and the skills of Sociologists.</p>

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**

Level 3 OCR Cambridge Extended Certificate in Sport & Physical Activity

Examination Board: OCR

Contact Teacher: Mr Ferguson



Course Details and Assessment

The OCR course 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 GCEA level.

The course is assessed in the following way:

Unit titles	How are they assessed
Body Systems and the Effects of physical Activity Unit 1	External exam in June of the first year 90 minutes long 90 marks Exam can be retaken in Year 13
Sports Coaching and Activity Leadership Unit 2	External assessment Assignment based tasks Marked by KGA staff and moderated by OCR
Sports Organisation and Development Unit 3	External exam in January of the second year 80 minutes long 60 marks Exam can be retaken in Year 13
Practical Skills in Sport and Physical Activities Unit 18	Internal assessment Assignment based tasks Marked by KGA staff and moderated by OCR
Sport and Exercise Psychology Unit 19	Internal assessment Assignment based tasks Marked by KGA staff and moderated by OCR

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 4 (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



KINGSBURY
GREEN
ACADEMY