

Beths Grammar School

Year 9 GCSE Option Choices



2024-2026

Introduction

All subjects will be graded 9-1 and will be taken in May/June 2026 (i.e. in Year 11) including GCSE Mathematics, GCSE English Language and GCSE English Literature.

All students will also have lessons in Games and PSHCE. These subjects are not examined.

As part of the core curriculum, it is strongly recommended that all students study a Modern Foreign Language to GCSE with a choice between Chinese Mandarin, French, German, Italian and Spanish; and a Humanity to GCSE with a choice between Geography or History. All students will follow the separate sciences (i.e. Biology, Chemistry, Physics) option.

Further option choices can be made from the list below:

GCSE Art & Design*	GCSE French	GCSE Music Technology
GCSE Business	GCSE Geography	GCSE Photography*
GCSE Chinese Mandarin	GCSE Geology	GCSE PE
GCSE Computer Science	GCSE German	GCSE Psychology
GCSE Design & Technology (Product Design)*	GCSE History	GCSE RE
GCSE Drama	GCSE Ancient History	GCSE Sociology
GCSE Electronics*	GCSE Italian	GCSE Spanish
GCSE Economics	GCSE Latin	GCSE Statistics
GCSE Engineering*	GCSE Music	

**Due to the course content, only one of the following subjects can be chosen: Art, DT, Electronics, Engineering, and Photography.*

This booklet provides details about the core subjects in our Year 10 curriculum and those which are optional as well as some guidance on making option choices.

- The five subject preferences (the fifth is a reserve) should be submitted in order.
- Choices are to be submitted via Microsoft Forms– the link is at the end of this booklet and will go live after the presentation.
- Please complete this **by Friday 3 May 2024.**

These choices will be reviewed by Ms King (Assistant Headteacher, Curriculum), Mr Jones (Deputy Headteacher, Key Stage 3), Ms Deane (Head of Year) and Ms Blewett (SENDCo) and the latest report grade predictions will also be considered. Any suggested amendments to the student choices will be communicated to both the student and their parents. We aim to be able to inform you of your courses by the end of June.

These are significant decisions that will affect your son's academic progress and future development. It is important that he enjoys the subjects he follows and matches them to his talents and skills. There will, of course, be many opportunities for discussion to resolve any doubts felt by students or teachers at this important time in your son's school career, and it is vital that at the end of this consultation process you, your son, his form tutor and his teachers are comfortable with the decisions made. The school will try to meet every student's agreed preferences, but this will depend on staff being available, as well as enough students choosing an option to make a teaching group viable.

THE CURRICULUM IN YEARS 10 AND 11

Please note that the details of this curriculum offer are correct at the time of printing, but they are kept under continuous review and may be subject to change if circumstances alter.

Each student is expected to study the following core subjects, along with Games and PSHCE:

English Language	to GCSE	Page 18
English Literature	to GCSE	Page 19
Mathematics	to GCSE	Page 28
Science (Separate)	to GCSE	Pages 36-38
Games	Not examined	
PSHCE	Not examined	

Each student will also study four further courses from the following list. *The School strongly recommends that all students study a Modern Foreign Language and a Humanity. The School will advise that one practical subject to be chosen due to the demands of the respective courses.*

Art & Design	to GCSE	Page 4
Business	to GCSE	Pages 5-6
Chinese Mandarin (MFL)	to GCSE	Page 7
Computer Science	to GCSE	Page 8
Design Technology	to GCSE	Pages 9-10
Drama	to GCSE	Pages 11-12
Economics	to GCSE	Pages 13-14
Electronics	to GCSE	Page 15
Engineering	to GCSE	Pages 16-17
French (MFL)	to GCSE	Page 20
Geography (Humanity)	to GCSE	Page 21
Geology	to GCSE	Page 22
German (MFL)	to GCSE	Page 23
History (Humanity)	to GCSE	Page 24
Ancient History (Humanity)	to GCSE	Page 25
Italian (MFL)	to GCSE	Page 26
Latin	to GCSE	Page 27
Music	to GCSE	Pages 29-30
Music Technology	to GCSE	Pages 31-32
Photography	to GCSE	Page 33
Physical Education	to GCSE	Page 34
Psychology	to GCSE	Page 35
Religious Studies	to GCSE	Page 39
Sociology	to GCSE	Page 40
Spanish (MFL)	to GCSE	Page 41
Statistics	to GCSE	Page 42

ART & DESIGN

Examination Board:	Edexcel
Specification:	(9ADO) – 60% coursework and 40% externally set task
Available Level:	GCSE (9-1)
Subject Leader:	Mr Hayman

What will I learn on this course?

GCSE Art & Design is primarily concerned with visual modes of expression. It offers a unique vehicle for communication and self-expression, equivalent in importance to literacy and numeracy. It encourages the ability to observe, select and interpret with imagination, feeling and understanding.

In the context of general education some of the aims of Art & Design are to stimulate, encourage and develop:

- the ability to perceive, understand and express concepts, ideas and feelings in a visual form;
- the ability to record from direct observation;
- the acquisition of technical competence and manipulative skills, enabling individuals to realise their creative intentions by the use of a variety of materials and techniques;
- Imaginative powers and critical analytical faculties.

What kind of student is this course suitable for?

Those who choose to take GCSE in Art & Design will be expected to demonstrate their competence in the above skills and show that they can work independently, analyse problems, research relevant information and realise their intentions in a controlled way.

What is the course content and how is it assessed?

There are many varied approaches to Art & Design and the examination syllabus provides a wide choice of options. Candidates will be expected to show evidence of an extensive course of study. The final assessment will include two elements:

- Coursework carrying a minimum of 60% of the total marks created in controlled assessment conditions.
- Externally set task carrying a test in which candidates are able to show their ability to work independently within a specified time (work on this section) carrying a weight of 40% of the total marks.

What kind of work will I need to do outside lessons?

Art is a rewarding yet demanding and time-consuming subject that requires dedication to work in the art studios outside normal lesson time.

What could I go on to do at the end of my course?

At the end of your course, you could continue on to A Level, foundation studies and degree studies. Following these students could enter employment in an art related area, such as a Fine Artist, Art Gallery work, Art Therapist, Art Teacher, Art Technician, Curator, Art Lecturer, Illustrator, Conservator, Arts Admin, Architecture and many more.

Contributions to art materials

We ask for a contribution of one annual payment of £20 to cover the cost of consumable materials such as paint, clay, specialist paper and printing inks. This does not include the cost of sketchbooks and canvases for KS4 and KS5. This payment will enable the Art Department to continue to offer a diverse curriculum. Students will be invoiced for this annual payment once options have been submitted.

BUSINESS

Examination Board: AQA
Specification: 8132
Available Level: GCSE (9-1)
Subject Leader: Mrs Tolhurst

What do I need to know or be able to do before taking this course?

You need to be able to express yourself clearly and to organise written work in a logical order as the course requires a lot of written and numerical work. You also need to be able to interpret data. You will consider the practical application of business concepts. The units provide opportunities to explore theories and concepts in the most relevant way, through the context of events in the business and economic world. The knowledge and skills gained from this specification will provide you with a firm foundation for further study.

What will I learn on this course?

Students apply their knowledge and understanding to different business contexts ranging from small enterprises to large multinationals and businesses operating in local, national and global contexts. Students develop an understanding of how these contexts impact on business behaviour. Students will apply their knowledge and understanding to business decision making including:

- the interdependent nature of business activity, influences on business, business operations, finance, marketing and human resources, and how these interdependencies underpin business decision making
- how different business contexts affect business decisions
- the use and limitation of quantitative and qualitative data in making business decisions.

What kind of student is this course suitable for?

This course will appeal to students who are interested:

- In the use business terminology to identify and explain business activity
- Who can apply business concepts to familiar and unfamiliar contexts.
- Willing to develop problem solving and decision-making skills relevant to business.
- In investigating, analysing and evaluating business opportunities and issues.
- Can make justified decisions using both qualitative and quantitative data including its selection, interpretation, analysis and evaluation, and the application of appropriate quantitative skills.

What is the course content and how is it assessed?

This course consists of two papers including a range of assessment methods including: MCQs, calculations, short and extended essay writing.

Paper 1[1hour 45minutes]

- Business in the real world
- Influences on business
- Business operations
- Human resources

Paper 2 [1hour 45minutes]

- Business in the real world
- Influences on business
- Marketing
- Finance

What kind of work will I need to do outside lessons?

Background reading is an essential part of the course. You will be expected to use the given worksheets to follow-up work covered in class and read a quality newspaper on a regular basis. Written work will be set weekly and include assignments that require you to show you can apply key terms and concepts and analyse and evaluate information. You will carry out research requiring you to collect information from a variety of sources and organise this information into a logical order.

What could I go on to do at the end of my course?

Business is a long-established course which is well-regarded in Higher Education. It is good preparation for advanced courses and careers which cover a vast range of industries and roles.

GCSE Business

Textbook: [AQA GCSE Business Workbooks, Resources & Revision \(hoddereducation.co.uk\)](https://www.hoddereducation.co.uk/AQA-GCSE-Business-Workbooks-Resources-Revision)

Revision Guide: [GCSE Business AQA Revision Guide | CGP Books](https://www.cgpbooks.co.uk/gcse-business-aqa-revision-guide)

CHINESE MANDARIN

Examination Board:	AQA
Specification:	8673
Available Level:	GCSE (9-1)
Subject Leader:	Ms Zhai

What do I need to know or be able to do before taking this course?

All students should choose a language, but enthusiastic linguists may choose to do more than one. The course follows on from KS3 and builds on the material covered, re-visiting and developing areas already covered as well as introducing more advanced grammar and vocabulary.

What will I learn on this course?

The Core content is centred on three themes:

1. Identity and culture
2. Local, national, international and global areas of interest
3. Current and future study and employment

What kind of student is this course suitable for?

You should appreciate the importance of modern languages and communication and enjoy learning about other cultures and ways of life. You need to be motivated and committed and able to meet homework deadlines.

What is the course content and how is it assessed?

The themes above are studied in depth and are assessed at the end of the course by external examinations. The tests can be taken at Higher or Foundation level. The tier of entry must be the same for each skill.

The assessments are:

Listening (25%): At Foundation level, a 35 minute recorded test and at Higher level, a 45 minute recorded test, consisting of items in Chinese with questions and responses in **English only**.

Speaking (25%): At Foundation level, a 7-9 minute test (plus preparation time) and at Higher level, a 10-12 minute test (plus preparation time), consisting of a role-play, photo card and General Conversation in Chinese.

Reading (25%): At Foundation level, a 45 minute test and at Higher level, a 60 minute test of items in Chinese such as magazine articles, public notices and letters with comprehension tested with questions and responses in **English only**. There is also a translation section from Chinese into English.

Writing (25%): At Foundation level, a 1 hour test and at Higher level, a 1 hour 15 minute test. Students complete structured and open-ended writing tasks as well as a translation from English into Chinese.

What kind of work will I need to do outside lessons?

You will be expected to be able to recognise and write as many Chinese characters as possible: You will be expected to devote adequate time to learning the difficult ideographic script and practising the tonal pronunciations in Mandarin Chinese. Apart from lesson time and written homework, you will also be expected to spend at least one hour per week using the Quizlet character-learning app or its website to revise Chinese characters to improve your fluency. You should be keen to develop your reading skills through extensive reading. You will also use ICT in order to improve your reading and listening comprehension and writing skills.

What could I go on to do at the end of my course?

A GCSE in Chinese will provide you with a suitable foundation for further study and/or practical use of the language. The course is designed to progress naturally to studying A level Mandarin in the sixth form for those students who wish to continue further.

COMPUTER SCIENCE

Examination Board: OCR
Specification: J277
Available Level: GCSE (9-1)
Subject Leader: Ms Aziz

What will I learn on this course?

Computer Science is engaging and practical, encouraging creativity and problem solving. It encourages students to develop their understanding and application of the core concepts in computer science. Students also analyse problems in computational terms and devise creative solutions by designing, writing, testing and evaluating programs.

What kind of student is this course for?

This course is favoured by those who have an interest in developing their own applications, would like to further their understanding of how a computer works and enjoy solving algorithmic problems. Computing is a broad subject that cuts across several industries, though is heavily driven by both the logical rigours of Mathematics and the flair of the creative arts in finding solutions to abstract puzzles.

What is the course content and how is it assessed?

The course consists of two written papers.

Computer Systems, (01) with a weighting of 80 marks (1 hour and 30 minutes) or 50% of the GCSE course.

Computational Thinking, Algorithms and Programming (02) again with a weighting of 80 marks (1 hour and 30 minutes) or 50% of the GCSE course.

These components are assessed and examinations taken in May 2024.

What kind of work will I need to do outside lessons?

This is a practical course, and students would be expected to make use of the software development facilities in the school in practising the skills taught in class. Although access to a computer at home is not required, it would be greatly beneficial, and the software used in class is available to students should they wish to complete projects and work outside of school. Reading periodicals about the changes in the industry is recommended, as are reading articles as directed by the department.

What could I go on to do at the end of my course?

Computing at GCSE establishes a solid foundation for the A Level in Computing Science and can be further pursued at degree level. As a subject, Computing supports other disciplines, in particular the fields of Mathematics, Engineering and Science.

DESIGN & TECHNOLOGY

Examination Board:	EDEXCEL
Specification:	1DT0
Available Level:	GCSE
Subject Leader:	Ms Dennis

What will I learn on this course?

The GCSE in Design and Technology enables students to understand and apply iterative design processes through which they explore, create, and evaluate a range of outcomes. The qualification enables students to use creativity and imagination to design and make prototypes (together with evidence of modelling to develop and prove product concept and function) that solve real and relevant problems, considering their own and others' needs, wants, and values. It gives students opportunities to apply knowledge from other disciplines, including mathematics, science, art and design, computing, and the humanities.

What kind of student is this course suitable for?

Students that want to continue to build on their skills in design and technology from Key Stage 3, incorporating knowledge and understanding of different materials (woods, metals, polymers, papers, and boards) and manufacturing processes in order to design and make, with confidence, prototypes in response to issues, needs, problems and opportunities. Students who want to learn how to take design risks, helping them to become resourceful, innovative, and enterprising citizens. They would want to develop an awareness of practices from the creative, engineering and manufacturing industries including C.A.D. Students that can develop an understanding of its impact on daily life and the wider world and understand that high-quality design and technology is important to the creativity, culture, sustainability, wealth and wellbeing of the nation and the global community. This course will nurture independent and motivated learners.

What is the course content and how is it assessed?

Component 1: 50% written examination: 1 hour and 45 minutes (100 marks)

The content is divided into two sections: A core content and material categories.

All students must study the Core content plus at least **one** material category. The paper consists of two sections. Section A is assessed on the core content (50 Marks) and Section B is assessed on one of the following categories based upon students' choice (Timbers, Polymers, Metals, Paper and Boards, Textiles and Systems and Control) (50 marks).

Component 2: 50% Non-examined / Coursework assessment (100 marks)

There are four parts to the assessment: AO1 [10Marks] – **Investigate:** This includes investigation of needs and research, and a product specification AO2 [30 Marks] – **Design:** This includes producing different design ideas, review of initial ideas, development of design ideas into a chosen design, communication of design ideas and review of the chosen design AO3 [20 Marks] – **Make:** This includes manufacture, and quality and accuracy AO4 [40 Marks] – **Evaluate;** This includes testing and evaluation. Students will undertake a project based on a contextual challenge set and released by Edexcel a year before certification (end of Year 10).

These components will be finally assessed in May/June of year 11.

What kind of work will I need to do outside lessons?

Although a reasonable amount of lesson time and support will be dedicated to the production of study folders and project work, you will need to work individually on coursework as part of the controlled assessment. Students are also expected to complete additional tasks such as research and revision outside of the lesson and at home. You are also expected to find and read articles, books and watch videos or TV programmes related to the subject to advance your understanding and depth of knowledge. Students may be required to attend lunchtime and after school sessions to complete coursework as the department considers necessary.

Subject Contribution

Students that select a D&T GCSE practical subject will be required to contribute £20 towards materials and resources to ensure the best outcome in the contextual challenge is achieved. In return students will be able to retain their manufactured product after completion of the GCSE.

What could I go on to do at the end of my course?

Students can progress from this qualification to:

- GCEs, e.g., GCE A Level in Design and Technology
- Level 3 vocational qualifications, e.g., the BTEC Level 3 qualifications in Engineering
- Employment, e.g., in a Design- or Technology-based industry where an Apprenticeship may be available.
- Foundation courses at local colleges before specialising in a relevant degree level course.

DRAMA

Examination Board:	EDUQAS WJEC
Specification:	4150
Available Level:	GCSE (9-1)
Subject Leader:	Ms Grady

Why Study Drama?

The World Economic Forum's Future of Jobs Report predicts creativity, innovation and ideation will be key skills for the workforce of the future. These so-called soft skills, which sit alongside analytical thinking and problem-solving, will replace manual tasks that become automated. When business leaders across the world were surveyed, they voted Creativity as the most important workplace capability to help their businesses survive and grow. This means that the study of creative subjects, like Drama, is becoming even more important and relevant to young people to give you the chance to succeed – whatever your ambitions! At the same time, you will find many opportunities to develop and improve your personal wellbeing both independently and as part of a wider community.

What do I need to know, or be able to do, before taking this course?

You will have enjoyed drama lessons in key stage 3, contributing ideas effectively to groups and implementing feedback, making further progress. You may also have participated in extra-curricular activities or be a member of a drama club. Any of these experiences can help if you choose Drama as a GCSE subject. You will develop your knowledge of improvisation, drama techniques and performance skills to a higher level; you will also look at plays/practitioners in more detail along with different ways of bringing a script to life on stage. You may also be interested in the design element of lights, set and props, costume, hair and make-up or sound.

What will I learn on this course?

You will have the opportunity learn and develop a range of transferable skills and practise applying these to new situations. These include analytical, problem-solving, organisation and time management skills. You will also be able work collaboratively to generate, develop and communicate ideas, all of which will develop your emotional intelligence. Your practical skills will be refined and will demonstrate creativity, reflection and resilience, as well as developing confidence and strong presentation skills. Your written skills, both analytical and creative, as well as your ability to self-reflect, will be developed through a range of tasks. Studying drama will give you opportunities for higher order thinking, by considering ideas which go beyond language. This is great brain-training which will help you in other areas too. Through studying drama, you will be equipped with the skills to succeed in your next steps.

What kind of student is this course suitable for?

You are able to:

- Express yourself in an active, creative and disciplined way
- Work effectively in a variety of groups
- Contribute your ideas and take on board those of others
- Explore ideas by putting yourself in other people's shoes
- Create and take on many roles in different imaginary situations
- Demonstrate a respect and discipline within the subject with an aim to tackle challenges head on
- Read a range of plays, understand and demonstrate the importance of a message or aim within drama.

What is the course content and how will I be assessed?

Component 1: Devising Theatre

Non-exam assessment: internally assessed, externally moderated 40% of qualification

Learners will be assessed on **either** acting **or** design (lighting, sound, set or costume).

Learners participate in the creation, development and performance of a piece of devised theatre using **either** the techniques of an influential theatre practitioner **or** a genre, in response to a stimulus set by WJEC.

Learners must produce:

- a realisation of their piece of devised theatre 15 marks
- a portfolio of supporting evidence 30 marks
- an evaluation of the final performance or design. 15 marks.

Component 2: Performing from a Text

Non-exam assessment: externally assessed by a visiting examiner, 20% of qualification

Learners will be assessed on **either** acting **or** design (lighting, sound, set or costume). 60 marks

Learners study **two** extracts from the **same** performance text chosen by the centre.

Learners participate in **one** performance using sections of text from **both** extracts.

Component 3: Interpreting Theatre

Written examination: 1 hour 30 minutes, 40% of qualification both extracts.

Section A: Set Text 45 marks

A series of questions on **one** set text:

1. *Refugee Boy* by Benjamin Zephaniah. Adapted by Lemn Sissay

Section B: Live Theatre Review 15 marks

One question, from a choice of two, requiring analysis and evaluation of a given aspect of a live theatre production seen during the course.

This linear qualification will be available for assessment in May/June each year

What kind of work will I need to do outside lessons?

Students will be expected to participate in drama based extra-curricular activities and will attend a variety of professional productions to broaden their experience and perception of the subject. In the lead up to performance exams, students will also be required to attend extra rehearsals during lunchtimes and after school.

What could I go on to do at the end of my course?

Students who enjoy and have studied drama are creative, confident and disciplined individuals who are able to communicate effectively with others, working well in teams or as individuals. These specific skills are highly regarded by universities and employers alike. You could look into careers such as acting, directing, film/stage/television design, media, law, journalism, or running a company.

ECONOMICS

Examination Board:	AQA
Specification:	8136
Available Level:	GCSE (9-1)
Subject Leader:	Ms Tolhurst

What do I need to know or be able to do before taking this course?

You need to be able to express yourself clearly and to organise written work in a logical order as the course requires a lot of written and numerical work. You also need to be able to interpret data. There are lots of opportunities to talk about today's economic issues in your lessons. You will develop communication, critical thinking and analytical skills through tasks based on anything from ways to cut the budget deficit, to weighing up the pros and cons of inflation or being part of free-trade agreements.

What will I learn on this course?

During the course, you will:

- Engage in the study of economics whilst developing as an independent and reflective thinker.
- Recall economic knowledge and apply this knowledge to real-life situations, analysing and evaluating evidence in order to come to balanced and reasoned judgements.
- Apply these skills in a contemporary situation, in a range of local, national and global contexts, whilst at the same time understanding the perspectives of different economic stakeholders.

What kind of student is this course suitable for?

This course will appeal to students who:

- Want to find out how the UK and other economies work.
- Are interested in the current economic situation.
- Want to develop their skills of analysing and evaluating economic problems.
- Willing and able to develop their independent learning skills.
- Motivated and enthused by current affairs.

What is the course content and how is it assessed?

This course consists of two papers:

Paper 1 [1hour 45minutes]

- Economic foundations
- Resource allocation
- How prices are determined
- Production, costs, revenue and profit
- Competitive and concentrated markets
- Market failure

Paper 2 [1hour 45minutes]

- Introduction to the national economy
- Government objectives
- How the government manages the economy
- International trade and the global economy
- The role of money and financial markets

Range of assessment methods including: MCQs, calculations, short and extended essay writing.

What kind of work will I need to do outside lessons?

Background reading is an essential part of the course. You will be expected to use the given worksheets to follow-up work covered in class and read a quality newspaper on a regular basis. Written work will be set weekly and include assignments that require you to show you can apply key terms and concepts and analyse and evaluate information. You will carry out research into topical economic issues requiring you to collect information from a variety of sources and organise this information into a logical order.

What could I go on to do at the end of my course?

Economics is a long-established course which is well-regarded in Higher Education. It is a good preparation for advanced courses and careers such as economic advisers, research analysts or a career in politics.

GCSE Economics Textbook: [AQA GCSE Economics \(9-1\): Suitable for OxfordAQA International GCSE Economics \(9214\): Amazon.co.uk: Stone, Jacob: 9798373732123: Books](#)

ELECTRONICS

Examination Board: Eduqas
Specification: 603/0776/6
Available Level: GCSE
Subject Leader: Mr Morgan

What will I learn on this course?

Electronics is part of the DT suite of qualifications and shares the core values of design, problem solving, working with materials and the use of technology in society.

Students will learn how to design, build and test electronics systems as solutions for real world problems (for example controlling a lift stopping at several floors) using analogue, digital and micro-computer systems.

What kind of student is this course suitable for?

This course will appeal to students who:

- Have a keen interest in solving problems in a logical and methodical manner.
- Like to use their technical creativity.
- Enjoy being challenged both academically and practically.
- Have an active interest in technology.
- Are interested in Science and Mathematics (and other subjects).
- Are interested in real world applications for computers, including robotics.

What is the course content and how is it assessed?

Electronics can't be learned just from a book, so practical work is an intrinsic part of this course. Over the two years students will learn how to convert real world physical variables like temperature, sound and light levels into electrical signals and then process them in a variety of ways to produce useful outputs, such as loudspeakers, lights, displays and driving motors. Students will learn about digital and analogue processing, and also learn to program microcontrollers (single chip computers) to produce complex responses. This will be taught through both theory and a series of mini projects.

The specification has a "Non-Examined Assessment" (coursework) project worth 20% of the total GCSE mark. It will need to be completed before Easter in Year 11 and should have a total of 32 hours of meaningful and productive student time devoted to it.

The remaining 80% of the GCSE marks are assessed externally by two 90-minute exams to be taken in May/June of year 11.

What kind of work will I need to do outside lessons?

Although a reasonable amount of lesson time and support will be dedicated to the production of study folders and project work, you will need to work individually on coursework as part of the controlled assessment. Students are also expected to complete additional tasks such as research and revision outside of the lesson and at home. You are also expected to find and read articles or books related to the subject to advance your understanding and depth of knowledge. Students may be required to attend lunchtime and after school sessions to complete coursework as the department considers necessary.

Subject Contribution

Students that select a D&T GCSE practical subject will be required to contribute £20 towards materials and resources to ensure the best outcome in the contextual challenge is achieved. In return students will be able to retain their manufactured product after completion of the GCSE.

What could I go on to do at the end of my course?

The GCSE Electronics course provides the platform to study for AS/A2 Level Electronics or Product Design in Years 12 and 13 before going on to Higher Education, with possible careers in Electronics, Engineering, Communications, Aerospace, Broadcasting, Computing and Design.

ENGINEERING

Examination Board: AQA
Specification: (8852)
Available Level: GCSE
Subject Leader: Ms Commerford

SUBJECT INFORMATION

As a school that highly regards and promotes STEM throughout our curriculum, we recognise the importance of Engineering. 50% of the UK's Engineers in industry are educated in the UK. Currently 54.7% of young people said they would consider a career in Engineering. It is predicted that the need for qualified engineers is going to rise. Therefore any qualification within Engineering could open amazing opportunities in the future.

Why study Engineering?

When looking into a career in Engineering the sky really is the limit! There are over 100 jobs in Science Technology Engineering and Maths, with this number increasing year on year. From Civil engineer and Robotics Engineer to Mechanical, Aeronautical and Aerospace Engineers. So, you really can reach for the Stars!

Engineering is an increasingly innovative and exciting career to work in. Engineering affects all aspects of modern life – from buildings to bicycles, Smart phones to Space rockets. So, you really can reach for the stars!

What kind of student is this course suitable for?

Engineering is suitable for students that had a keen interest in Design and technology at Key stage 3 and a high aptitude in Mathematics and Physics. Students will need to apply their knowledge and understanding of different materials, manufacturing processes and electronic systems. They will use this understanding to design and make working prototypes for real world problems. They would want to develop an awareness of practices from engineering and manufacturing industries including C.A.D. and C.A.M. Students that can develop an understanding of its impact on daily life and the wider world and understand that high-quality Engineering is integral to the nation and global community. As students will undertake their own personal project this course is suited to students who are self-motivated and can work independently. An ability to solve problems and come up with design solutions is a must.

What is the course content and how is it assessed?

ASSESSMENT

Question paper Externally assessed	What's assessed	Sections 1-6 from the subject content. Though the 'Practical engineering skills' section will predominantly be assessed through the NEA, some questions in the written exam will relate to practical contexts and students will need to apply their understanding within these contexts.
	How it's assessed	Written exam: 2 hours, 120 marks, 60% of GCSE
	Questions	Multiple choice questions assessing breadth of knowledge. Short answer questions assessing in depth knowledge, including calculations. Multiple choice questions related to the application of practical engineering skills. Extended response questions drawing together elements of the specification.
Non-exam assessment Practical Engineering	What's Assessed	Application of skills, knowledge and understanding in a practical context. Analysis and evaluation of evidence. PORTFOLIO AND PRODUCT

	How it's assessed	Brief set by AQA released on 1 June in the first year of study. 80 marks, 40% of GCSE.
	Questions	Students produce: Engineering drawings or schematics to communicate a solution to the brief. An engineering product that solves a problem.

What kind of work will I need to do outside lessons?

Although a reasonable amount of lesson time and support will be dedicated to the production of study folders and project work, you will need to work individually on coursework as part of the controlled assessment (NEA). Students are also expected to complete additional tasks such as research and revision outside of the lesson and at home. You are also expected to find and read articles or books related to the subject to advance your understanding and depth of knowledge. Students may be required to attend lunchtime and after school sessions to complete coursework as the department considers necessary.

Subject Contribution

Students that select an Engineering GCSE practical subject will be required to contribute £20 towards materials and resources to ensure the best outcome in the NEA is achieved. In return students will be able to retain their manufactured product after completion of the GCSE.

RELATED CAREERS / A- LEVEL PROGRESSION

In engineering we apply physics and mathematics into solving real world problems and this relates to all areas of Engineering from civil to medical. It also strongly supports careers in Architecture, computer Science and Electronics.

A level would include:

- **Electronics**
- **Mathematics**
- **Physics**
- **Computer Science**
- **Design And Technology**

NEED FOR MORE INFORMATION

Email Mscommerford@beths.bexley.sch.uk

SELECTION CRITERIA IN THE EVENT OF OVER SUBSCRIPTION

High achievers in Physics then other sciences.

ENGLISH LANGUAGE

Examination Board: AQA
Specification: 8700
Available Level: GCSE (9-1)
Subject Leader: Mr Slinn

What do I need to know or be able to do before taking this course?

Students will continue build upon and develop the reading and writing skills they have acquired at Key Stage 3.

What will I learn on this course?

Students will acquire the confidence to analyse a range of fiction and non-fiction from 19th century to present day. They will be encouraged to be perceptive and thoughtful in their analysis. In addition, they will put their own writing skills in to practice, crafting texts for different audiences and purposes.

What kind of student is this course suitable for?

All students are required to study GCSE English Language.

What is the course content and how is it assessed?

The English Language GCSE comprises of two written examinations at the end of the two-year course. There are no controlled assessment units. Speaking and Listening is given a separate reported grade but does not contribute to the overall GCSE grade.

Component 1: Explorations in Creative Reading and Writing (50% - 1hr 45minutes)

Section A Reading: questions on an unseen fiction extract
Section B Writing: a choice of two writing tasks, linked by theme to the reading extract.

Component 2: Writers' Viewpoints and Perspectives (50% - 1hr 45mins)

Section A Reading: questions on two thematically linked, unseen non-fiction extracts
Section B Writing: a choice of two writing tasks, linked by theme to the reading extracts.

What kind of work will I need to do outside lessons?

Wider reading of a range of fiction and non-fiction from different times is actively encouraged as well as practising effective writing techniques. Weekly homework will focus on developing and refining appropriate reading and writing skills.

What could I go on to do at the end of my course?

English Language is a core subject which is essential in Higher Education. It is a good preparation for a vast range of courses and careers which require knowledge of, and sensitivity to language, most notably in areas such as journalism and the media, advertising, the law and public speaking.

ENGLISH LITERATURE

Examination Board: AQA
Specification: 8702
Available Level: GCSE (9-1)
Subject Leader: Mr Slinn

What do I need to know or be able to do before taking this course?

Students will continue to develop their enjoyment of and appreciation for Literature in a variety of forms from traditional to more contemporary.

What will I learn on this course?

Through the exploration of writers' thoughts and ideas presented in fiction, you will learn to analyse and comment in detail on a large range of texts from different genres and relate them to the contexts in which they were written. You will gain an understanding of textual interpretations and the significance of the time and culture that gives rise to a text.

What kind of student is this course suitable for?

All students are required to study GCSE English Literature.

What is the course content and how is it assessed?

The English Literature GCSE comprises of two written examinations at the end of the two-year course. There are no controlled assessment units.

Component 1: Shakespeare and 19th century Novel (50% - 1hr 45minutes)

Section A Shakespeare: character and/or theme question based firstly on an extract and then the text as a whole.
Section B 19th century novel: character and/or theme question based firstly on an extract and then the text as a whole.

Component 2: Post-1914 Literature and Poetry (50% - 2hours 15 minutes)

Section A Post 1914 British play or novel: one essay question.
Section B i) a comparative question on two poems from the Edexcel Anthology.
ii) a question based on an unseen poem.
iii) a comparative question on two unseen poems.

What kind of work will I need to do outside lessons?

Students will be expected to read widely, not only the set texts for the course but relevant, related texts as well as have their own personal interests in reading fiction. Weekly homework tasks will focus on developing and refining analytical skills as well as reading and research.

What could I go on to do at the end of my course?

English Literature is suitable for a wide range of advanced courses in the Humanities and is well-regarded in Higher Education. It combines well with all Arts and Social Science subjects.

FRENCH

Examination Board:	AQA
Specification:	To be confirmed (new specification)
Available Level:	GCSE (9-1)
Subject Leader:	Mrs Cato-Sargeant

What do I need to know or be able to do before taking this course?

All students should choose a language, but enthusiastic linguists may choose to do more than one. The course follows on from KS3 and builds on the material covered, re-visiting and developing areas already covered as well as introducing more advanced grammar and vocabulary.

What will I learn on this course?

The core content is centred on three themes:

4. People and lifestyle
5. Popular culture
6. Communication and the world around us

What kind of student is this course suitable for?

You should appreciate the importance of modern languages and communication and enjoy learning about other cultures and ways of life. You need to be motivated and committed and able to meet homework deadlines.

What is the course content and how is it assessed?

The themes above are studied in depth and are assessed at the end of the course by external examinations. The tests can be taken at Higher or Foundation level. The tier of entry must be the same for each skill.

The assessments are:

Listening (25%): At Foundation level, a 35 minute recorded test and at Higher level, a 45 minute recorded test, consisting of listening comprehension (responses in English) and dictation (responses in French).

Speaking (25%): At Foundation level, a 7-9 minute test (plus preparation time) and at Higher level, a 10-12 minute test (plus preparation time), consisting of a role-play, reading out loud and photo card with follow-up conversation.

Reading (25%): At Foundation level, a 45 minute test and at Higher level, a 60 minute test of items in French such as magazine articles, public notices and letters with comprehension tested with questions with responses in English. There is also a translation of sentences section from French into English.

Writing (25%): At Foundation level, a 1 hour 10 minute test and at Higher level, a 1 hour 15 minute test. Students complete structured and open-ended writing tasks as well as a translation of sentences from English into French.

In order to attain grades of 5-9, all students are entered for Higher tier, except in exceptional circumstances, in which the MFL department may decide to enter a student for Foundation tier.

What kind of work will I need to do outside lessons?

You will need to practise your language skills on a regular basis. You will be expected to devote adequate time outside of school for learning new vocabulary and grammar. You should be keen to develop your reading skills through extensive reading. You will also use ICT in order to improve your reading and listening comprehension and writing skills.

What could I go on to do at the end of my course?

A GCSE in French will provide you with a suitable foundation for further study and/or practical use of the language. The course is designed to progress naturally to A Level French in the sixth form for those students who wish to continue further.

GEOGRAPHY

Examination Board:	AQA
Specification Code:	8035
Available Level:	GCSE (9-1)
Subject Leader:	Dr Viehoff

What do I need to know or be able to do before taking this course?

There are no prerequisites to the course – just a genuine interest in finding out about our world and its current and future issues.

What will I learn on this course?

The course and teaching:

- Are relevant to the world you live in (e.g. hazards such tropical storms or volcanoes);
- Encourage discussion on current affairs and sustainability issues for the future;
- Focus on the environment (e.g. challenges posed by climate change);
- Involve practical work, with a minimum of 2 days outdoor fieldwork;
- Provide opportunities for possible international excursions;
- Develop a full range of transferable skills for other subjects and employment;
- Make use of ICT, including sessions for research and production of work.

What kind of student is the course suitable for?

Those who choose to take GCSE Geography will be expected to work independently, analyse problems, research relevant information, organise written work into a logical order and be able to interpret data.

What is the course content and how is it assessed?

The course is assessed through 3 examinations:

Paper 1: Living with the physical environment (1 hour 30)

The challenge of natural hazards, The living world, Physical landscapes in the UK

Paper 2: Challenges in the human environment (1 hour 30)

Urban issues & challenges, The changing economic world, The challenge of resource management

Paper 3: Geographical applications (1 hour 30)

Paper 3 will involve analysing a pre-release issue, given to candidates 12 weeks prior to the exam, as well as examining the 2 days of outdoor fieldwork completed during the GCSE course.

What kind of work will I need to do outside lessons?

Students undertake fieldwork in both a human and physical geography enquiry, this helps students to apply what they have learnt in the classroom to the real world. As part of the course students will complete coastal and urban geography fieldtrips which will be assessed in Paper 3. Research will also take place around the school site to carry out smaller scale investigations. Regular homework will be set, such as practice exam questions or research into case studies. Further reading into current affairs is also recommended so that pupils are able to use up to date examples in their work.

What could I go on to do at the end of my course?

The GCSE course provides a platform to study A Level Geography before going onto university. As a 'soft science' Geography compliments other scientific subjects like Biology, Chemistry and Physics whilst the Human Geography half accompanies other subjects such as Economics, Sociology and History very well. Geography lends itself to numerous careers, such as sustainability consultant, surveyor, risk analyst, climate scientist and transport planner.

GEOLOGY

Examination Board: Eduqas
Specification Code: 603/0598/8
Available Level: GCSE (9-1)
Subject Leader: Mr M Martin

What is geology?

Geology is the science and study of the Earth and the processes that shape it. Subjects studied include earthquakes, volcanoes, plate tectonics, minerals, igneous, sedimentary and metamorphic rocks, palaeontology (fossils), economic geology (oil, gas, coal, metal ores, mining, geotechnical engineering) and Earth history.

What do I need to know or be able to do before taking this course?

Students of geology need a genuine interest in how the Earth and other planets were formed and work, but no prior knowledge of the subject is needed.

What will I learn on this course?

- Take part in regular interesting lab-based experiments and field trips to amazing locations.
- Benefit from our university-quality collection of over 1000 rocks, minerals, and fossils.
- Learn about geological hazards like volcanoes and earthquakes.
- Understand how plate tectonics explains most of how Earth works.
- Study planetary geology and how our Earth compares to other planets in the Solar System.
- Understand how to identify the different rock types and how they form through the rock cycle.
- Track the origin and evolution of life through the study of fossils.
- How geological events can be dated hundreds of millions of years ago.
- How to understand and draw geological maps.
- How the study of present-day processes can unlock secrets of the past.

What kind of student is the course suitable for?

Geology students like learning new things, solving problems, and working practically. They are curious about the world around them. Geology students need to be able to draw upon what they learn in other subjects to help understand the world. They are well organised, work independently and try to think like scientists to reach conclusions by analysing and interpreting evidence.

What is the course content and how is it assessed?

The course is taught as 14 themes across years 10 and 11 and is assessed through 2 examinations at the end of Year 11. Paper 1: Geological Principles (computer-based 1 hour 15 minutes). Paper 2: Investigative Geology (written exam 1 hour 30 minutes)

What kind of work will I need to do outside lessons?

A full day fieldtrip to the Sussex coast in Year 10 will introduce you to geology outdoors. A four-night trip to the Isle of Wight will put into practice what you learn in the classroom. Outside of lessons you will need to do some regular reading and keep your study pack up to date.

What could I go on to do at the end of my course?

A Level Geology is the usual progression from GCSE Geology. As Geology is a science subject you will have four physical sciences at GCSE to support sixth form applications. You will be well placed for A Levels in Chemistry, Physics, and Biology. Geography is also a fantastic A Level option for geologists as you will be able to directly apply some of your new skills in a different context. University options include the natural sciences (geology, physics, chemistry, biology, astronomy) and applied subjects like engineering, oceanography, climatology, or environmental sciences.

GERMAN

Examination Board:	AQA
Specification:	To be confirmed (new specification)
Available Level:	GCSE (9-1)
Subject Leader:	Mrs Cato-Sargeant

What do I need to know or be able to do before taking this course?

All students should choose a language, but enthusiastic linguists may choose to do more than one. The course follows on from KS3 and builds on the material covered, re-visiting and developing areas already covered as well as introducing more advanced grammar and vocabulary.

What will I learn on this course?

The core content is centred on three themes:

1. People and lifestyle
2. Popular culture
3. Communication and the world around us

What kind of student is this course suitable for?

You should appreciate the importance of modern languages and communication and enjoy learning about other cultures and ways of life. You need to be motivated and committed and able to meet homework deadlines.

What is the course content and how is it assessed?

The themes above are studied in depth and are assessed at the end of the course by external examinations. The tests can be taken at Higher or Foundation level. The tier of entry must be the same for each skill.

The assessments are:

Listening (25%): At Foundation level, a 35 minute recorded test and at Higher level, a 45 minute recorded test, consisting of listening comprehension (responses in English) and dictation (responses in German).

Speaking (25%): At Foundation level, a 7-9 minute test (plus preparation time) and at Higher level, a 10-12 minute test (plus preparation time), consisting of a role-play, reading out loud and photo card with follow-up conversation.

Reading (25%): At Foundation level, a 45 minute test and at Higher level, a 60 minute test of items in German such as magazine articles, public notices and letters with comprehension tested with questions with responses in English. There is also a translation of sentences section from German into English.

Writing (25%): At Foundation level, a 1 hour 10 minute test and at Higher level, a 1 hour 15 minute test. Students complete structured and open-ended writing tasks as well as a translation of sentences from English into German.

In order to attain grades of 5-9, all students are entered for Higher tier, except in exceptional circumstances, in which the MFL department may decide to enter a student for Foundation tier.

What kind of work will I need to do outside lessons?

You will need to practise your language skills on a regular basis. You will be expected to devote adequate time outside of school for learning new vocabulary and grammar. You should be keen to develop your reading skills through extensive reading. You will also use ICT in order to improve your reading and listening comprehension and writing skills.

What could I go on to do at the end of my course?

A GCSE in German will provide you with a suitable foundation for further study and/or practical use of the language. The course is designed to progress naturally to A Level German in the sixth form for those students who wish to continue further.

HISTORY

Examination Board:	Eduqas
Specification Code:	C100QS
Available Level:	GCSE (9-1)
Subject Leader:	Ms Leonard

What do I need to know or be able to do before taking this course?

Students will have the ability to collect and analyse information, distinguish between facts and opinions, detect bias, make reasoned judgements and be able to understand different viewpoints and why they might differ.

What will I learn on this course?

History gives students the opportunity to study significant events, issues and individuals of the past. The course covers aspects of twentieth century world history, which will develop critical, analytical and communication skills through the exploration of themes and interpretation. The units studied will enable us to look at a wide range of historical sources such as textbooks, documents, newspaper extracts, letters, television and documentaries. Classwork takes the form of teacher-led explanations, individuals and group discussion, presentations and examination practice.

What kind of student is this course suitable for?

A student who is interested in some or all of the following:

1. A desire to understand modern day society, culture and issues in the context of the past.
2. A fascination with the past stimulated by fundamental questions of causation and interpretation.
3. How different groups within society develops a sense of identity through shared experience.
4. A knowledge of other countries and cultures in the modern world.

What is the course content and how is it assessed?

The course is the Eduqas GCSE History.

- **The Elizabethan Age, 1558-1603**
- **Germany in Transition, 1919-1939**
- **The Development of the USSR, 1924-1991**
- **Changes in Health and Medicine in Britain, c.500 to the present day**

Assessment consists of two externally assessed written examinations.

What kind of work will I need to do outside lessons?

Background reading is an essential part of the course, and you are expected to enhance your understanding by reading around the subject and undertaking independent research on the internet. You will also be expected to practice examination questions.

What could I go on to do at the end of my course?

History is a respected qualification for a wide range of Higher Education courses and careers in management, central government, the civil service, law or journalism. However, students will find that the analytical skills gained through the study of History will be extremely useful for any career they might choose to pursue.

ANCIENT HISTORY

Examination Board: OCR
Specification: J198
Available Level: GCSE (9-1)
Subject Leaders: Ms Leonard

What do I need to know or be able to do before taking the course?

Students do not need to have studied ancient history in primary or secondary school in order to access this course, although it certainly helps. This course will be developing similar skills and approaches to GCSE history with regards to analysing historical events and sources, so any skills and historical thinking acquired in KS3 History will help here.

What will I learn on this course?

This is a course that can be accessed by all students, as they will develop analytical skills when tackling historical information, as well as prioritising information from large pieces of text. In addition, students will tackle topics through enquiry questions and learn to organise what they learn and make it useful in answering these overarching questions. Above all, Ancient History students acquire valuable transferable thinking skills, as: critical thinking, problem solving, perseverance and deductive reasoning.

What kind of student is this course suitable for?

As stated above, Ancient History benefits all students, and there are no specific academic requirements to join the Ancient History course. Any student who can gain a place at Beths is capable of successfully studying this here.

In short, a student who is interested in some or all of the following:

1. A desire to understand ancient society, culture and issues in the context of the past.
2. A fascination with the past stimulated by fundamental questions of causation and interpretation.
3. How different groups within society develops a sense of identity through shared experience.
4. The study of a variety of sources, ranging from archaeological digs and statues to epic poetry
5. A knowledge of how ancient civilisations have helped influence the modern world

What is the course content and how is it assessed?

There are four components that will be studied: a compulsory one on Persia and Rome, and two others on Greece and the wider Mediterranean world.

With regards to Persia, the compulsory period study focuses on the Persian Empire under Cyrus the Great, Cambyses II, Darius I and Xerxes I. Students develop their understanding of the unfolding narrative of substantial developments and issues associated with this period. As for Greece, students study one depth study from the three on offer: From Tyranny to Democracy, 546—483 BC, Athens in the Age of Pericles, 462—429 BC, or Alexander the Great, 356—323 BC. As for Rome and its neighbours, the compulsory longer period study focuses on the kings of Rome and the early Roman Republic, with an emphasis on the most interesting events and characters. Students will also study one depth study from the three on offer: Hannibal and the Second Punic War, 218—201 BC, Cleopatra: Rome and Egypt, 69—30 BC, or Britannia: from conquest to province, AD 43 — c. 84. There will be two exams at the end of the course, 1hr 45 mins each. Each exam is weighted at 50% of the final grade.

What kind of work will I need to do outside lessons?

There will be regular homework comprising learning, comprehension and background research. A student should do about half an hour's work at home for every one hour they spend in the classroom as a minimum, but any additional work and reading are always beneficial. Most of our work will be textbook-based, but there are many interesting activities to support learning available from various online resources.

What could I go on to do at the end of my course?

The GCSE qualification is an adequate preparation to take Classical Civilisation or Ancient History at A Level or IB level (as well as modern History), so that is an obvious route for extension. However, Ancient History is in itself an education, conferring valuable skills and insights along the way, broadening the mind and conferring vital and lasting mental and cultural benefits. Lastly, particularly for those who extend their studies beyond Sixth Form, Classics can be a passport to a number of very stimulating and well-paid careers.

ITALIAN

Examination Board:	AQA
Specification:	8633
Available Level:	GCSE (9-1)
Subject Leader:	Mrs Cato-Sargeant

What do I need to know or be able to do before taking this course?

All students should choose a language, but enthusiastic linguists may choose to do more than one. The course follows on from KS3 and builds on the material covered, re-visiting and developing areas already covered as well as introducing more advanced grammar and vocabulary.

What will I learn on this course?

The core content is centred on three themes:

1. Identity and culture
2. Local, national, international and global areas of interest
3. Current and future study and employment

What kind of student is this course suitable for?

You should appreciate the importance of modern languages and communication and enjoy learning about other cultures and ways of life. You need to be motivated and committed and able to meet homework deadlines.

What is the course content and how is it assessed?

The themes above are studied in depth and are assessed at the end of the course by external examinations. The tests can be taken at Higher or Foundation level. The tier of entry must be the same for each skill.

The assessments are:

Listening (25%): At Foundation level, a 35 minute recorded test and at Higher level, a 45 minute recorded test, consisting of items in Italian with questions and responses in both English and Italian.

Speaking (25%): At Foundation level, a 7-9 minute test (plus preparation time) and at Higher level, a 10-12 minute test (plus preparation time), consisting of a role-play, photo card and General Conversation in Italian

Reading (25%): At Foundation level, a 45 minute test and at Higher level, a 60 minute test of items in Italian such as magazine articles, public notices and letters with comprehension tested with questions and responses in both English and Italian. There is also a translation section from Italian into English.

Writing (25%): At Foundation level, a 1 hour test and at Higher level, a 1 hour 15 minute test. Students complete structured and open-ended writing tasks as well as a translation from English into Italian.

In order to attain grades of 5-9, all students are entered for Higher tier, except in exceptional circumstances, in which the MFL department may decide to enter a student for Foundation tier.

What kind of work will I need to do outside lessons?

You will need to practise your language skills on a regular basis. You will be expected to devote adequate time outside of school for learning new vocabulary and grammar. You should be keen to develop your reading skills through extensive reading. You will also use ICT in order to improve your reading and listening comprehension and writing skills.

What could I go on to do at the end of my course?

A GCSE in Italian will provide you with a suitable foundation for further study and/or practical use of the language.

LATIN

Examination Board:	OCR
Specification:	J282
Available Level:	GCSE
Subject Leaders:	Mr Simpson, Ms Harris

What do I need to know or be able to do before taking this course?

Students who have followed the Latin course in Years 8 and 9 will already have a basic grounding in Latin, but it will also be possible to accommodate students who have no previous knowledge of Latin on the same course, this being achieved by differentiated work programmes and targeted homework. All vocabulary and grammar required for GCSE will be taught in Years 10 and 11. We thus hope to provide a worthwhile experience of Latin and an appropriate qualification for any student, regardless of ability, ethnic, religious, or cultural background.

What will I learn on this course?

The course is designed primarily to encourage students to acquire a sound knowledge of the Latin language. There will also be opportunities to look at the history, civilization and culture of Ancient Rome and, although this will not necessarily be formally examined, it remains valuable because of the liberal and humane values students will imbibe in the process. Students will develop an understanding of Latin vocabulary, grammar and syntax, and come to see the links between Latin, English, and several other modern languages, which will support and reinforce learning in those subjects. Above all, Latin students acquire valuable transferable thinking skills, as: critical thinking, problem solving, perseverance and deductive reasoning. It has been conclusively shown by research that students who follow a course in Latin achieve better in all their other academic subjects, and still feel the benefits years later in the workplace.

What kind of student is this course suitable for?

In a word, all of them. As stated above, Latin benefits all students, and there are no specific academic requirements to join the Latin course. Any student who can gain a place at Beths is capable of successfully studying Latin here.

What is the course content and how is it assessed?

At the heart of the GCSE examination is the compulsory Language paper, worth 50% of the available marks. Students will be required to read a passage in Latin and answer a range of short comprehension questions on it, and to translate a passage of Latin into English. The other 50% of the available marks are covered by two papers chosen from a range of options. These are worth 25% each and offer passages from Latin literature in prose and/or poetry for comprehension, translation, commentary, analysis and appreciation. The texts studied will be chosen from a range offered by the examination board. Authors previously set for study have included Virgil, Horace, Catullus, Caesar, Pliny, Tacitus and Sallust. Those we study will probably be determined by the areas of expertise and the personal enthusiasms of the staff who teach the course. More detailed information is available at www.ocr.org.uk

What could I go on to do at the end of my course?

There will be regular homework comprising learning, comprehension, translation and background research. A student should do about half an hour's work at home for every one hour they spend in the classroom as a minimum, but any additional work and reading are always beneficial. Most of our work will be textbook-based, but there are many interesting activities to support learning available from various online resources.

What could I go on to do at the end of my course?

The GCSE qualification is an adequate preparation to take Latin at A Level or IB level, so that is an obvious route for extension. The GCSE Latin course will also greatly benefit any student who wishes to follow the A Level course in Classical Civilisation or IB course in Ancient History. However, Latin is in itself an education, conferring valuable skills and insights along the way, broadening the mind and conferring vital and lasting mental and cultural benefits. Lastly, particularly for those who extend their studies beyond Sixth Form, Classics can be a passport to a number of very stimulating and well-paid jobs.

MATHEMATICS

Examination Board: Edexcel
Specification: 1MA1
Available Level: GCSE (9-1)
Subject Leader: Mr Khalid

What do I need to know or be able to do before taking the course?

All students will study GCSE Mathematics in Year 10, taking their GCSE in Year 11.

What will I learn on this course?

Mathematics builds on such foundations established during Key Stage 3. It develops further the strands of Number, Algebra, Shape & Space and Data Handling and allows students to achieve a deeper understanding of the fundamental concepts and of their application in the world today.

What kind of student is this course suitable for?

Whilst it is a compulsory element in Key Stage 4, students who have good problem-solving skills and are prepared to 'grind out' solutions have a distinct advantage.

What is the course content and how is it assessed?

Assessment of Mathematics is by examination only.

Students will sit the GCSE at the end of Year 11 taking three written papers:

Paper A (33%):	Non calculator	1 hour 30 minutes
Paper B (33%)	Calculator allowed	1 hour 30 minutes
Paper C (33%)	Calculator allowed	1 hour 30 minutes

What kind of work will I need to do outside lessons?

You will continue to have homework twice a week. You will find that they will be more complex than before as the work will be getting harder. They will also take you longer to do.

What could I go on to do at the end of my course?

Mathematics is a valuable qualification. It provides the necessary support for many university courses, including the Sciences, Geography, Art, Engineering, Economics, Psychology, Sociology and Computer Science.

MUSIC

Examination Board:	Eduqas
Specification:	C660QS
Available Level:	GCSE (9-1)
Subject Leader:	Ms Marriott

What do I need to know and be able to do before taking this course?

Music is a highly academic subject which requires rigour and disciplined study, both inside and outside of normal lesson times. It enables students to develop their creative, imaginative, analytical and teamwork skills. Prospective students will have demonstrated good musical potential at Key stage three.

What will I learn on this course?

You will learn compositional techniques, develop performing skills and an understanding of a wide range of musical styles improve your listening skills. These combined elements will greatly develop your skills as a musician.

What kind of student is suitable for this course?

It is essential that students wishing to study music have a solid background in the subject and the willingness to dedicate time to improve their musical skills in all three units of the course.

What is the course content and how is it assessed?

The GCSE course is divided into the following three units.

Component 1: Performing- 30% of the qualification.

You will need to perform a minimum of two pieces with a total combined duration of 4-6 minutes. One piece must be an ensemble lasting at least one minute. Another piece of music must be linked to an Area of Study (see below). These could be in any style, on any instrument or voice, including DJ skills, rapping, singing, band and orchestral instruments.

Component 2: Composing - 30% of the qualification.

You will compose two pieces of music lasting 3-6 minutes in total. One will be in response to a brief set by the exam board, there are four to choose from each year and one will be in any style you choose.

Component 3: Appraising - 40% of the qualification

You will sit one listening examination that will last approximately 1 hour 15 minutes, which will consist of 8 questions, 2 on each area of study, which are listed below.

Area of Study 1: Musical Forms and Devices

In this area of study, you will place music within a broad historical context. However, it is not expected that you develop a detailed chronology of music aside from an awareness of the principal features of Baroque, Classical and Romantic music. The area of study focuses on understanding structural forms and devices across a variety of genres and styles from the Western Classical Tradition 1650-1910.

Set Work: Badinerie by J.S.Bach for Flute and String Orchestra with Harpsichord
(Final movement, Orchestral Suite No.2 in B minor, BWV 1067)

Area of Study 2: Music for Ensemble

In this area of study, you will develop an understanding of sonority and texture, including instrumental and vocal groupings as appropriate to their context. Through listening to and/or performing examples from chamber music, musical theatre, jazz and blues, learners will study texture, including how composers combine musical lines in texture.

Area of Study 3: Film Music

In this area of study, you will develop an understanding of film music including the use of timbre, tone colour and dynamics for effect.

Area of Study 4: Popular Music

In this area of study, you will develop an understanding of popular music: pop, rock and pop, bhangra and fusion (of different styles).

Set Work: Africa: Toto (released 1982)

What kind of work will I need to do outside lessons?

It is expected that students will continue with regular weekly performance practice and where possible, tuition on their instrument/voice, and all this is in addition to regular homework and coursework assignments which will be set throughout the course. It is also beneficial if students join in with extra-curricular activities and ensembles that are organised by Staff of the Performing Arts Department, although not a requirement.

What could I go on to do at the end of my course?

The possibilities are endless. GCSE Music will provide a sound grounding for all further education, especially Music and Music Education.

In the future, Creativity is going to be one of the most important and in-demand skills at work (World Economic Forum). When business leaders across the world were surveyed, they voted creativity as the most important workplace skill to help their businesses survive and grow.

This means that the study of creative subjects, like Music, is becoming even more important and relevant to young people to give you the chance to succeed – whatever your ambitions. At the same time, you will find many opportunities to develop and improve your personal wellbeing both independently and as part of a wider community.

With Music the possibilities are endless. Music will enable you to demonstrate many skills which employers, colleges and universities are looking for such as analysis, evaluation, planning, practical application, teamwork, organisation, leadership skills will also be taught within this course. All of which will help any student moving forward in any industry.

MUSIC TECHNOLOGY

Examination Board:	NCFE
Specification:	60370087
Available Level:	Level 2 Certificate
Subject Leader:	Ms Marriott

What do I need to know and be able to do before taking this course?

Music Technology is a highly academic subject which requires rigour and disciplined study, both inside and outside of normal lesson times. It enables students to develop their creative, imaginative, analytical and teamwork skills. Although there are no specific prior skills/knowledge that a student must know before taking the course, we would advise that students have a passion for music and producing.

What will I learn on this course?

You will learn the placement of music technology within the music business, understanding the use of a digital audio workstation, use of recording equipment to capture and store multitrack audio recordings, the use of sound creation within different forms of media and achieving a certain outcome. We will also analyse how music is composed through the study and analysis of the elements of music, including how developments in technology effected a wide variety of genres of music.

What kind of student is suitable for this course?

It is essential that students wishing to study music technology have a passion for music and a desire to understand more about how music is created/recorded. Students will have to be able to cope with a large amount of coursework and be able to manage time efficiently.

What is the course content and how is it assessed?

The course consists of one non-examined assessment and one written examination.

Component 1: Non-Examined Assessment- 60% of the qualification.

You will need to complete a 17-hour non-examined assessment with 2 hours research time. You will be assessed on your ability to effectively draw together their knowledge, understanding and skills from across all areas of study, see below.

Component 2: Examined Assessment - 40% of the qualification.

You will sit one examination that will last approximately 1 hour 30 minutes, which will consist of questions based upon the knowledge and understanding of all the areas of study.

Area of Study 1: Introduction to music technology and the music business

Students will learn about the wide variety of roles within the music technology sector. Being able to identify and define the roles will allow students to plan for future development in the field, as well as learn how each role plays an important part in the music business as a whole.

Area of Study 2: The Digital Audio Workstation (DAW)

Students will be introduced to the hardware and software used within music technology. This area covers the fundamental areas of the DAW including all hardware, from the computer and the peripherals to the audio specific components. They will learn how hardware is used in conjunction with DAW software, for effective audio and MIDI recording and editing and mixing.

Area of Study 3: Musical elements, musical style, and music technology

Students will explore how music is composed using musical elements such as structure, form, melody, harmony, rhythm, and instrumentation. Students will become familiar with musical language in the context of composition. Within this content, it is expected that learners will recognise musical elements and be able to link them to specific musical styles. Students will then apply the musical elements to their

own compositions, using a DAW. When working to a brief students will be able to understand the various elements in context, working to create a determined stylistic outcome.

Area of Study 4: Sound creation

Students will understand how sound creation is used in a variety of forms of media. They will be able to explore the different types of methods that are used to create sound for different forms of media, including movies, TV shows, advertisements, and jingles. Methods such as sound capture, synthesis, and sample manipulation will be discussed, as well as the arrangement techniques required to make them suitable for different media. Application of these methods is a feature of this area, allowing students to build a varied portfolio of compositional work using their DAW and apply it to variety of contexts.

Area of Study 5: Multitrack recording

Students will gain an understanding the recording studio environment and how to use it safely to produce and mix audio recordings. They will be encouraged to use their existing knowledge of their DAW, exploring how a recording studio can further enhance their recording and mixing process. Details of audio hardware will be covered, such as microphones, DI, audio interfaces, multitrack recorders and monitoring equipment. Additionally, students will gain knowledge of the recording techniques and processes used within the studio environment. Health and safety are features of this area ensuring that they can work safely within the recording studio.

What kind of work will I need to do outside lessons?

It is expected that students will take an active role in research on developments in music technology, this can include previous techniques and developing ones. They will need to do all of this in addition to regular homework and coursework assignments which will be set throughout the course. Students will need to spend time outside of lessons honing their music technology skills.

What could I go on to do at the end of my course?

This qualification is designed so that students can continue their education and study a Music or Music Technology A Level, as well as study other technical levels and apprenticeships. The skills learnt during this qualification would support a variety of different occupations, such as producer, technician, and arranger. Although those are the skills learnt for music related industries, many other skills such as analysis, evaluation, planning, practical application, teamwork, organisation, leadership skills will also be taught within this course. All of which will help any student moving forward in any industry.

The study of creative subjects, like Music Technology, is even more important and relevant to young people of today, whatever your ambitions. Even if you do not intend Music or Music Technology as your profession, the skills mentioned above are crucial skills that employers, colleges and universities are looking for in individuals. You will also find many opportunities to develop and improve your personal wellbeing both independently and as within the wider community.

PHOTOGRAPHY – lens and light-based media

Examination Board:	Edexcel
Specification:	(1PYO) – 60% coursework and 40% externally set task
Available Level:	GCSE (9-1)
Subject Leader:	Mr Hayman

What will I learn on this course?

During the GCSE photography course students will experience a variety of digital photography techniques and processes. They will develop knowledge of the camera, its capabilities and understand the formal skills in photography.

They will learn how to control and manipulate photographic images for effect. This will include how to take photographs, studio lighting and image processing.

In the context of general education some of the aims of Photography are to stimulate, encourage and develop:

- the ability to perceive, understand and express concepts, ideas and feelings in a visual form;
- the ability to record compositions using light sensitive media;
- the acquisition of technical competence and manipulative skills, enabling individuals to realise their creative intentions by the use of traditional and alternative techniques.

What kind of student is this course suitable for?

Those who choose to take GCSE Photography will be expected to demonstrate their competence in the above skills and show that they can work independently, analyse problems, research relevant information and realise their intentions in a controlled way.

What is the course content and how is it assessed?

There are many varied approaches to Photography and the examination syllabus provides a wide choice of options. Candidates will be expected to show evidence of an extensive course of study. The final assessment will include two elements:

- Coursework carrying a minimum of 60% of the total marks created in controlled assessment conditions.
- Externally set task carrying a test in which candidates are able to show their ability to work independently within a specified time carrying a weight of 40% of the total marks.

What kind of work will I need to do outside lessons?

Photography is a rewarding yet demanding and time-consuming subject that requires dedication to work in the art studios outside normal lesson time.

What could I go on to do at the end of my course?

At the end of your course, you could continue on to A Level and degree studies. Following this, students could enter employment in a photography related area, such as a Photographer, Digital Marketer, Graphic Designer, Advertising and many more.

We ask for a contribution of one annual payment of £20 will cover the cost of consumable materials such as specialist paper and printing inks. This does exclude the cost of sketchbooks. This will allow the Art Department to continue to offer a diverse curriculum. Payment will be asked for once the options have been submitted.

PHYSICAL EDUCATION

Examination Board:	AQA
Specification:	8582
Available Level:	GCSE (9-1)
Subject Leader:	Mr Temple

What do I need to know or be able to do before taking this course?

AQA Physical Education GCSE is offered in the option scheme. Students will require a high level of practical skills across a range of activities and the ability to critically analyse performance.

What will I learn on this course?

The GCSE course will give a greater insight into the practical and theoretical dimensions of Physical Education and Games. The course should enable the following aims to be achieved:

- The development of physical abilities and the acquisition of techniques and skills.
- The understanding of the effect of physical activity based on knowledge of the structure and function of the body.
- The acquisition of a theoretical and practical knowledge and understanding of physical activities.
- The understanding of the social, political and personal motivations that affect participation in physical activities.
- The understanding of the provision and organisation of local, national and international facilities.

What kind of student is this course suitable for?

This course would appeal to students who have a high level of practical ability across a range of physical activities. It requires analytical skills and the ability to work independently or as part of a team.

What is the course content and how is it assessed?

Two lessons per week will be spent on covering the theoretical aspects. One lesson per week will be working one of their chosen practical areas. Each student will be continually assessed in their **three** strongest activities chosen by staff. This will contribute to 30% of the total marks. Practical options may vary to cater for the strengths of the group, although it should be noted that candidates must perform in both an individual and team activity. Equally there is no option to be assessed as a coach or official in the new specification. A further 10% of their total mark will be awarded, on completion of an 'Analytical Investigation' which requires them to analyse and improve performance. There are two written papers, both are completed in June of year 11 and each carry 30% of the final mark. Paper 1 examines 'The human body and movement in physical activity and sport,' which includes topics such as applied anatomy, movement analysis, physical training and the use of data. Paper 2 looks at the 'Socio-cultural influences and well-being in physical activity and sport,' including sports psychology, health, fitness, well-being and the use of data.

What kind of work will I need to do outside lessons?

There may be opportunities to visit local and regional facilities and to listen to visiting speakers. Practical work will be completed on the school site using indoor and outdoor facilities or outdoor and adventure facilities. There will be an opportunity to use video equipment to analyse performance.

What could I go on to do at the end of my course?

The course provides the platform to study AS/A2 Level Physical Education in Years 12 and 13 before going on to Higher Education.

PSYCHOLOGY

Examination Board: AQA
Specification Code: 8182
Available Level: GCSE (9-1)
Subject Leader: Mrs G Moffatt

What do I need to know or be able to do before taking this course?

An interest in science and mathematics and how we learn about the human mind. The human brain affects all our decisions and in psychology we learn about our behaviour and motivations. You should have an interest in science and research as well as an open and enquiring mind.

What will I learn on this course?

The course and teaching:

- Cognition and behaviour; human memory, perception, human development and research methods
- Social context; social influence, language, thought and communication, neuropsychology as well as psychological problems

What kind of student is the course suitable for?

An ideal student will be interested in biology and mathematics. The scientific basis of studying human behaviour involves using quantitative and qualitative research methods. Scientists first discuss a theory, then they have an aim which they want to find out if its justified. The research involves looking for evidence to support the theory. If the evidence is supportive the theory is true, but if the evidence does not support the theory, then it is rejected. Psychology suits those students who like to think outside the box and looks at various explanations of human behaviour.

What is the course content and how is it assessed?

The course is assessed through 2 examinations at the end of a two-year course:

Paper 1: Cognition and behaviour, 1hr 45 mins, Total marks 100, 50% of GCSE.

Paper 2: Social context and behaviour, 1 hr 45 mins, Total marks 100, 50% of GCSE

Both papers have a mixture of questions from multiple choice, short answer and extended writing. Each section is worth 25 marks.

What kind of work will I need to do outside lessons?

Read around the subject, visit the website with information provided. Go over the lessons in class and keep up to date with all the information given and complete all homework set.

What could I go on to do at the end of my course?

You can do the A level psychology or take up one of the science A levels as well as social science. Psychology GCSE covers a lot of diverse topics, so it opens a range of A levels. You will learn many transferable skills, such as improving your literacy, numeracy, designing experiments, gathering evidence, analysing texts and applying different approaches to solve a problem. You will learn how to write short answers and extended answers. You can go to college and take an applied social science course.

RELIGIOUS STUDIES

Examination Board:	Eduqas Route A
Specification Code:	C120P4
Available Level:	GCSE Route A (9-1)
Subject Leader:	Ms May

What do I need to know or be able to do before taking this course?

GCSE Religious Studies builds on subject content taught at Key Stage 3 as part of the statutory curriculum. There are no previous learning requirements for this subject.

What will I learn on this course?

This course will enable learners to gain knowledge and understanding of two religions as well as undertake religious and non-religious, philosophical and ethical studies in the modern world.

Furthermore, Religious Studies develops learners' ability to construct well-argued, well-informed, balanced and structured written arguments, demonstrating their depth and breadth of understanding of the subject.

What kind of student is this course suitable for?

Religious Studies is suitable for any learner, irrespective of gender, ethnic, religious or cultural background, who has an interest in learning more about the diverse society in which we live and wishes to explore questions of belief, value, meaning, purpose, truth, and their influence on human life.

What is the course content and how is it assessed?

Candidates are assessed entirely by an examination, 3 papers totalling 4 hours.

The first paper, which constitutes 50% of the total mark, consists of the following four units:

- Relationships
- Issues of Life and Death
- Issues of Good and Evil
- Issues of Human Rights

The second and third papers, each worth 25% of the total mark awarded, consist of the following units:

- Christianity – Beliefs, Teachings and Practices
- Judaism – Beliefs, Teachings and Practices

What kind of work will I need to do outside lessons?

Background reading is an essential part of the course and you are expected to advance your understanding and depth of knowledge by reading around the subject using a variety of different resources.

What could I go on to do at the end of my course?

Religious Studies GCSE equips students with a diverse set of skills and perspectives that are applicable across a wide range of academic disciplines and professional fields. Common career paths students pursue include; education, law, social work, journalism, advertising and consulting. It is also accepted as an academic qualification for further and Higher Education.

SEPARATE SCIENCES (Biology, Chemistry, Physics)

Examination Board:	OCR
Specification:	J247 (Biology), J248 (Chemistry), J249 (Physics)
Available Level:	GCSE (9-1)
Subject Leader:	Mr Ramessar

What do I need to know or be able to do before taking this course?

All students will have completed the first two modules of each of the separate sciences by the end of Year 9. Students will continue with all three of the separate sciences - Biology, Chemistry and Physics and complete each separate GCSE at the end of Year 11.

What will I learn on this course?

Students will have extensive opportunities to develop their interest in and enthusiasm for science. They will develop an in-depth, critical approach to scientific evidence and methods. They will have considerable opportunity to acquire and apply skills, knowledge and understanding of how science works and its essential role in society.

What kind of student is this course suitable for?

Students who have a healthy interest in the sciences and who possess good analytical skills and enjoy carrying out practicals. This is the best preparation for students who go on to study science subjects at A Level.

J247 (Biology)

What is the course content and how is it assessed?

OCR Level 1/2 GCSE (9–1) in Biology A (Gateway Science) (J247)	
Paper 1 Assesses B1, B2 and B3	
Topic B1: Cell level systems	<i>Cell structures, what happens in cells, respiration and photosynthesis</i>
Topic B2: Scaling up	<i>Supplying the cell and the challenges of size</i>
Topic B3: Organism level systems	<i>Coordination and control – the nervous system, coordination and control – the endocrine system, maintaining internal environments</i>

OCR Level 1/2 GCSE (9–1) in Biology A (Gateway Science) (J247)	
Paper 2 Assesses B4, B5 and B6	
Topic B4: Community level systems	<i>Ecosystems</i>
Topic B5: Genes, Inheritance and Selection	<i>Inheritance, Natural selection and evolution</i>
Topic B6: Global Challenges	<i>Monitoring and maintaining the environment, feeding the human race and monitoring and maintaining health</i>

OCR Level 1/2 GCSE (9–1) in Biology A (Gateway Science) (J247)

The course is assessed by 2 written examinations (Higher Tier Grades 9-4)

Paper	Mode of Assessment	Assessment Details	Total marks	Weighting (%)
Paper 3 (J247/03)		Topics B1-B3	90	50
Paper 4 (J247/04)	Written paper (1 hour 45 mins)	Topics B4-B6 with assumed knowledge of B1-B3	90	50

J248 (Chemistry)

OCR Level 1/2 GCSE (9–1) in Chemistry A (Gateway Science) (J248)
Paper 1 Assesses C1, C2 and C3
Topic C1: Particles
<i>C1.1 The particle model</i>
<i>C1.2 Atomic structure</i>
Topic C2: Elements, compounds and mixtures
<i>C2.1 Purity and separating mixtures</i>
<i>C2.2 Bonding</i>
<i>C2.3 Properties of materials</i>
Topic C3: Chemical reactions
<i>C3.1 Introducing chemical reactions</i>
<i>C3.2 Energetics</i>
<i>C3.3 Types of chemical reactions</i>
<i>C3.4 Electrolysis</i>

OCR Level 1/2 GCSE (9–1) in Chemistry A (Gateway Science) (J248)
Paper 2 Assesses B4, B5 and B6
Topic C4: Predicting and identifying reactions and products
<i>C4.1 Predicting chemical reactions</i>
<i>C4.2 Identifying the products of chemical reactions</i>
Topic C5: Monitoring and controlling chemical reactions
<i>C5.1 Monitoring chemical reactions</i>
<i>C5.2 Controlling reactions</i>
<i>C5.3 Equilibria</i>
Topic C6: Global challenges
<i>C6.1 Improving processes and products</i>
<i>C6.2 Organic chemistry</i>
<i>C6.3 Interpreting and interacting with Earth systems</i>

OCR Level 1/2 GCSE (9–1) in Chemistry A (Gateway Science) (J248)

The course is assessed by 2 written examinations (Higher Tier Grades 9-4)

Paper	Mode of Assessment	Assessment Details	Total marks	Weighting (%)
Paper 3 (J248/03)	Written paper (1 hour 45 mins)	Topics C1-C3	90	50
Paper 4 (J248/04)	Written paper (1 hour 45 mins)	Topics C4-C6 with assumed knowledge of C1-C3	90	50

OCR Level 1/2 GCSE (9–1) in Physics A (Gateway Science) (J249)
Paper 1 Assesses P1, P2 ,P3 and P4
Topic P1: Matter
<i>P1.1 The particle model</i>
<i>P1.2 Changes of state</i>
<i>P1.3 Pressure</i>
Topic P2: Forces
<i>P2.1 Motion</i>
<i>P2.2 Newton’s Laws</i>
<i>P2.3 Forces in action</i>
Topic P3: Electricity
<i>P3.1 Static and charge</i>
<i>P3.2 Simple circuits</i>
Topic P4: Magnetism and magnetic fields
<i>P4.1 Magnets and magnetic fields</i>
<i>P4.2 Uses of magnetism</i>

OCR Level 1/2 GCSE (9–1) in Physics A (Gateway Science) (J249)
Paper 2 Assesses P5 , P6, P7 and P8
Topic P5: Waves in matter
<i>P5.1 Wave behaviour</i>
<i>P5.2 The electromagnetic spectrum</i>
<i>P5.3 Wave interaction</i>
Topic P6: Radioactive decay – waves and particles
<i>P6.1 Radioactive emissions</i>
<i>P6.2 Uses and hazards</i>
Topic P7: Energy
<i>P7.1 Work done</i>
<i>P7.2 Power and efficiency</i>
Topic P8: Global challenges
<i>P8.1 Physics on the move</i>
<i>P8.2 Powering Earth</i>
<i>P8.3 Beyond Earth</i>

OCR Level 1/2 GCSE (9–1) in Physics A (Gateway Science) (J249)

The course is assessed by 2 written examinations (Higher Tier Grades 9-4)

Paper	Mode of Assessment	Assessment Details	Total marks	Weighting (%)
Paper 3 (J249/03)	Written paper (1 hour 45 mins)	Topics P1-P4	90	50
Paper 4 (J249/04)	Written paper (1 hour 45 mins)	Topics P5-P8 with assumed knowledge of P1-P4	90	50

SOCIOLOGY

Examination Board:	Eduqas
Specification:	C200QS
Available Level:	GCSE (9-1)
Subject Leader:	Ms Leonard

What do I need to know or be able to do before taking this course?

The Eduqas GCSE in Sociology is designed to foster in learners an understanding and critical awareness of the social world around them. The specification focuses on the importance of social structure in explaining social issues.

What will I learn on this course?

Learners will be encouraged to explore and debate contemporary social issues to enable them to challenge taken-for-granted assumptions and to question their everyday understanding of social phenomena. By following this course, learners will develop their own sociological awareness through active engagement with the contemporary social world.

What kind of student is this course suitable for?

A student who is interested in some, or all, of the following:

1. *The study of human social life, groups and societies in a systematic way.*
2. *Understanding the ways in which societies influence us and shape our daily lives.*
3. *Exploring and asking questions about the type of society in which you live as you draw on, and make sense of your own experiences.*
4. *How different groups within society develop a sense of identity through shared experience.*
5. *A knowledge of other countries and cultures in the modern world.*

What is the course content and how is it assessed?

A student who is interested in some, or all, of the following:

- *Understanding Social Processes:*
 - *Key concepts and processes of cultural transmission*
 - *Families*
 - *Education*
 - *Sociological research methods*
- *Understanding Social Structures:*
 - *Social differentiation and stratification*
 - *Crime and deviance*
 - *Applied methods of sociological enquiry*

Assessment consists of two externally assessed written examinations.

What kind of work will I need to do outside lessons?

Background reading is an essential part of the course, and you are expected to enhance your understanding by reading around the subject and undertaking independent research on the internet. You will also be expected to practice examination questions.

What could I go on to do at the end of my course?

This specification provides a suitable foundation for the study of sociology at either AS or A level. In addition, the specification provides a coherent, satisfying and worthwhile course of study for learners who do not progress to further study in this subject. The knowledge and understanding and skills developed through the study of GCSE Sociology will also provide a basis for further learning and career choices.

SPANISH

Examination Board:	AQA
Specification:	To be confirmed (new specification)
Available Level:	GCSE (9-1)
Subject Leader:	Mrs Cato-Sargeant

What do I need to know or be able to do before taking this course?

All students should choose a language, but enthusiastic linguists may choose to do more than one. The course follows on from KS3 and builds on the material covered, re-visiting and developing areas already covered as well as introducing more advanced grammar and vocabulary.

What will I learn on this course?

The core content is centred on three themes:

4. People and lifestyle
5. Popular culture
6. Communication and the world around us

What kind of student is this course suitable for?

You should appreciate the importance of modern languages and communication and enjoy learning about other cultures and ways of life. You need to be motivated and committed and able to meet homework deadlines.

What is the course content and how is it assessed?

The themes above are studied in depth and are assessed at the end of the course by external examinations. The tests can be taken at Higher or Foundation level. The tier of entry must be the same for each skill.

The assessments are:

Listening (25%): At Foundation level, a 35 minute recorded test and at Higher level, a 45 minute recorded test, consisting of listening comprehension (responses in English) and dictation (responses in Spanish).

Speaking (25%): At Foundation level, a 7-9 minute test (plus preparation time) and at Higher level, a 10-12 minute test (plus preparation time), consisting of a role-play, reading out loud and photo card with follow-up conversation.

Reading (25%): At Foundation level, a 45 minute test and at Higher level, a 60 minute test of items in Spanish such as magazine articles, public notices and letters with comprehension tested with questions with responses in English. There is also a translation of sentences section from Spanish into English.

Writing (25%): At Foundation level, a 1 hour 10 minute test and at Higher level, a 1 hour 15 minute test. Students complete structured and open-ended writing tasks as well as a translation of sentences from English into Spanish.

In order to attain grades of 5-9, all students are entered for Higher tier, except in exceptional circumstances, in which the MFL department may decide to enter a student for Foundation tier.

What kind of work will I need to do outside lessons?

You will need to practise your language skills on a regular basis. You will be expected to devote adequate time outside of school for learning new vocabulary and grammar. You should be keen to develop your reading skills through extensive reading. You will also use ICT in order to improve your reading and listening comprehension and writing skills.

What could I go on to do at the end of my course?

A GCSE in Spanish will provide you with a suitable foundation for further study and/or practical use of the language. The course is designed to progress naturally to A Level Spanish in the sixth form for those students who wish to continue further.

STATISTICS

Examination Board: Edexcel
Specification: 1ST0
Available Level: GCSE (9-1)
Subject Leader: Mr Khalid

What do I need to know or be able to do before taking the course?

As you have been studying Mathematics for the past three years, you should already have the fundamentals of GCSE Statistics such as Statistics, Probability, Number and certain elements of Algebra. Thus, you should have a good grasp of basic number skills, be able to draw a range of graphs and charts and be able to interpret data.

What will I learn on this course?

At the end of the GCSE we expect you to have a clear understanding of data collection methods and how to represent this information into a range of charts and graphs to support an argument. You will also have a deep understanding of probability and how to apply probability in practical situations.

What kind of student is this course suitable for?

If you enjoy subjects that have a clear relevance to the working world you will probably find GCSE Statistics very rewarding. The subject focuses on how statistics are used in the 'real world' and you may be surprised how widely used they actually are. You will learn about the strengths and limitations of statistics in realistic scenarios that will not have you begging the question "When will I ever use this knowledge again?" This course is suited to students who have great problem-solving skills and are happy to interpret data. You will also need to enjoy your current Mathematics lessons and have a good memory for mathematical rules and methods.

What is the course content and how is it assessed?

Assessment of Statistics is by examination only.

Students will sit the GCSE at the end of Year 11 taking two written papers:

Paper 1 (50%):	Calculator allowed	1 hour 30 minutes
Paper 2 (50%)	Calculator allowed	1 hour 30 minutes

What kind of work will I need to do outside lessons?

Regular homework will be set throughout the course. It is advised that independent home learning is required such as practice exam questions. Before the exam, we expect you will revise so please consider your strengths when currently revising for your Mathematics exams before considering this course.

What could I go on to do at the end of my course?

Statistics is a valuable qualification. There are plenty of careers that require the analytical skills gained and involve handling data. Such as careers in medicine, public affairs, surveys, research, marketing and many more! For those wishing to do A-level Mathematics, this provides an excellent starting point to the statistics component (25% of the A-level). Statistics also supports other A-levels such as Chemistry, Biology, Computing, Physics, Psychology, Geography and Business Studies, that all require you to handle and interpret data.

OPTIONAL SUBJECTS

When you have made your preliminary choices use this **CHECKLIST** to make sure:

1. Have you a definite career in mind? YES / NO
If YES:

What is the career?
What GCSE grades are required?
(the Careers Section within the LRC can help you find out)
2. Will the choice made preclude you from any particular career? YES / NO
(The Careers Team can offer you advice and materials relating to University and other sixth form options)
3. Do your parents agree with your preferences? YES / NO
4. Are subject teachers sure that you can achieve at least a Grade 6 at GCSE in these subjects?
Is your current Key Stage 3 Attainment at least Grade 4?
Remember these are your preferred subjects – they should enable you to achieve your best grades. YES / NO

SELECTING PREFERENCES

Points to remember in choosing your preferred options:

- *Which subjects do you like?*
We know that students perform best when following subjects that they enjoy. Think through carefully whether you will be happy dedicating some four or more hours each week to this subject, including lessons, homework and personal study. If you enjoy the subject, you will put more time and effort into it and the more time and effort you put in, the more successful you will become.
- *How good are you in each subject?*
You will have a good idea yourself but see what your latest report indicates and ask your subject teacher who will know how you perform in class, homework, tests and examinations. They should be able to say whether your strengths or weaknesses will allow you to cope with GCSE and your discussion with your Form Tutor should inform this issue further, before you make suitable final decisions with your parents.
- *Are you leaving your future career path open?*
If you have no definite career in mind, choose what you are good at, what you like doing and what will give you a good spread of subjects. A broad and balanced curriculum is very important at this stage. Very few degree courses demand that you follow particular subjects to GCSE and many subjects can be picked up at A-Level or beyond without earlier study.
- *Have you a definite career in mind?*
If so, find out which subjects at GCSE will best support your career route. Make sure that your subject teachers think you can achieve higher grade GCSE passes in these subjects and be certain that these subjects plus your other choices give you a good spread. Remember that however keen you are on any particular career or job now, you may possibly change your mind before you leave school. Your choice of subjects must not limit you to just one sort of career.
- *Points to avoid*
Do not choose a subject because you can think of 'nothing better', you like the teacher or just because a friend has chosen it. Remember that these are **important decisions that will affect your future, not your friend's, and that the school will not guarantee which teacher will take that subject next year!** A balanced range of good grade GCSEs will provide you with the best foundation possible, whatever direction your career takes.

YEAR 10 & 11 COURSES CHECKLIST 2024 – 2026

MICROSOFT FORMS Link:

<https://forms.office.com/e/5pW4K8RJzt>

(This link will go live after the 6.00pm Options Evening presentation on Thursday 18th April 2024)



It is strongly recommended that all students study a Modern Foreign Language and a Humanity as part of the EBACC alongside English, Mathematics and Science.

However, students who do not wish to follow the school's recommendation of following a Modern Foreign Language and/or a Humanity subject, should select four choices from the list below in order of preference using the Link above. Students are also asked to choose a 'reserve' subject.

Ancient History	Art & Design	Business
Chinese Mandarin	Computer Science	Drama
DT - Product Design	Economics	Electronics
Engineering	French	Geography
Geology	German	History
Italian	Latin	Music
Music Technology	Photography	Physical Education
Psychology	Religious Studies	Sociology
Spanish	Statistics	

If we are unable to offer you (one of) your first choice(s) for any reason, then we will try to ensure that you are offered your reserve subject. Please note that the offer of all courses is subject to sufficient numbers selecting each subject to provide viable groups. If any subject is over-subscribed, students will be asked to reconsider their preferences. In the unlikely event that a subject is over-subscribed after this stage, the subject group will be finalised by a random selection process.

Only one of the following subjects can be chosen: Art, DT, Electronics, Engineering, and Photography.

TO BE COMPLETED BY FRIDAY 3 MAY 2024