

Yr 9 Options Booklet 2018



Contents

	Page
Option Choices 2017	3
Careers Information	4
English Language	5
English Literature	6
Mathematics	7
Religious Studies	8
Science	9
Geography	10
History	11
Art & Design	12
Business Studies	13
Computer Science	14
DT: Design, Engineer & Construct	15
DT: Food Preparation & Nutrition	17
Electronics	19
Modern Foreign Languages	21
French	22
German	23
Spanish	24
Music	25
Physical Education	26

Option Choices 2017

In Year 9 you started compulsory GCSE courses in English, Mathematics and Science. In Year 10 you will be starting further GCSE courses. You will also be required to take courses which are not examined eg PE. Certain subjects are compulsory (please see below for details) and others are optional.

This booklet is designed to explain the next stage of the Options Process and help you to make an informed decision when selecting your Year 10 Options.

Students will study 10 GCSE qualifications, with a minority, studying 9 (Pathway 2):

Compulsory Examination Subjects:

English Language and Literature (started in Year 9)
Mathematics (started in Year 9)
Religious Studies
Science (started in Year 9)
A Humanities subject – Geography or History
Core PE

The Option Subjects:

Art	Geography
Business Studies	German
Computer Science	History
D&T: Design, Engineer & Construct	Music
D&T: Food Preparation & Nutrition	Physical Education
Electronics	Spanish
French	Triple Science

The English Baccalaureate (EBacc) is a performance measure for any student who achieves good GCSE or accredited Certificate passes in English, mathematics, history or geography, two sciences and a language. This is a combination of subjects highly valued by many employers and is a government measure. You are not obliged to select a modern foreign language, however, if you wish to attain the Ebacc, it will be necessary for you to do so.

This booklet is designed to explain the next stage of the Options process and, along with Options Evening, help you to make a sensible choice when selecting your courses. However, the final decision will involve a degree of teacher input based upon suitability for the course opted. As all GCSEs will be examined at the end of year 11, it is vitally important that students are on the correct courses from the start of year 10. Therefore the teachers' knowledge and prior assessment of your suitability for the course is of great importance.

The Options form **must** be returned to the Mrs Owen in the school office by **Thursday 8th February 2018**

Careers Information

The School is committed to helping its students obtain the best possible careers advice so that informed choices may be made in preparation for Further and Higher Education and/or the world of work.

Although the process of ensuring students study subjects to enhance their employability commences long before Year 9, it is important that the choices selected at this stage allow boys to pursue any career ambitions they may already have, without unduly narrowing their future career options. This is especially important given the changes in direction which many boys make in their teenage years. To this end, we are fortunate in employing a careers and work experience co-ordinator, Mrs D Martin, who works across both WGSG and WGSB. She will be available on options evening to help you consider your choices. We will also be joined by Mrs J Ward, who is an external careers advisor. Mrs Ward is available to see the boys at lunchtime careers clinics and by appointment. As a part of the PSHE programme, the students have already been shown how to use the extensive facilities of the School's Careers Library.

In Year 10, the students get the opportunity to undergo a psychometric test, the Morrisby profile. This is offered to students at a reduced rate from its usual substantial charge. It is used by many organisations to assess a person's suitability for various occupations. The Morrisby Profile is invaluable in helping to plan future goals, particularly A level and degree choices. Work experience also takes place in Year 10 and every student takes part in a week's placement. Mrs Donna Martin helps co-ordinate the organisation of the placements which are found by students/parents themselves or in conjunction with Mrs Martin.

In Year 11, following the completion of a careers questionnaire, students who might benefit from advice and help will receive further support.

Head of Careers: Mr C Sexton csexton@wgsb.org.uk

Careers & Work Experience Co-ordinator Mrs D Martin smartin@wgsq.co.uk

Independent Careers Advisor Mrs Julia Ward looking4ward@virginmedia.com

Year 9 Parents' Evening

You will also have the opportunity to talk to your subject teachers about suitable options choices during the Year 9 Parents' evening on Tuesday 6th February 2018. You can also visit departmental areas on our school website for further details on the courses offered.

English Language (Year 11)

Exam Board - OCR Syllabus

GCSE English Language (completed in Year 11) involves the study of spoken and written language from pre and post 1914 texts. You will learn how to speak to an audience with confidence and learn how to listen sensitively and critically. Your reading skills will grow and your understanding will deepen as you study writing from different periods and different contexts. You will study fiction and non-fiction written by a range of authors. You will also have the opportunity to write creatively and imaginatively.

There are two final English Language examinations. For these exams, you will be answering questions based on a range of texts. You will also undertake a piece of personal writing in each exam - which will test your ability to write in a range of different ways, including reports, essays and reviews. Throughout the course, we will be teaching you the skills necessary for the examinations and you will be given plenty of opportunity to prepare for this.

How will you be assessed?

There are two final English Language examinations. For these exams, you will be answering questions based on a range of texts. You will also undertake a piece of personal writing in each exam - which will test your ability to write in a range of different ways, including reports, essays and reviews. Throughout the course, we will be teaching you the skills necessary for the examinations and you will be given plenty of opportunity to prepare for this.

Paper 1	Communicating information and ideas Reading and writing non-fiction texts One 19 th Century text and one 20 th or 21 st Century text Learners write one piece of original non-fiction 80 marks 2 hour written paper	50% of the total GCSE
Paper 2	Exploring effects and impact Reading and writing prose fiction Both texts are 20 th or 21 st Century Learners write one piece of original creative writing 80 marks 2 hour written paper	50% of total GCSE
Spoken Language	40 marks Non exam assessment (Students are awarded a Pass, Merit or Distinction as a supplement to the 9 – 1 grade)	0% of total GCSE

Please see Miss Evans for more information

English Literature (Year 11)

Exam Board - OCR

GCSE English Literature offers you the opportunity to read a great range of literature, both modern and from the past. You will study many types of texts, including poetry, plays and drama. You will learn about different areas of a text, for instance the manner in which a writer conveys their ideas to themes and characterisation. You will also analyse the way in which a text reflects upon the time in which it was written. By the time that you finish the course, we hope that you will be wise and sensitive readers – able to share ideas confidently and intelligently.

There are two examinations, taken at the end of year 11 - for which you will study a range of poetry, prose and drama. In common with many other schools, you are expected to purchase your own copies of the texts. This is due to the fact that you will make detailed annotations in them as part of your preparation for the examination.

How will you be assessed?

There are two examinations, taken at the end of year 11 - for which you will study a range of poetry, prose and drama. In common with many other schools, you are expected to purchase your own copies of the texts. This is due to the fact that you will make detailed annotations in them as part of your preparation for the examination.

Paper 1 – Exploring modern and literary heritage texts. 'An Inspector Calls' and 'The Strange Case of Dr Jekyll and Mr Hyde'.	80 marks 2 hour written paper	50% of total GCSE
Paper 2 – Exploring Poetry and Shakespeare One thematic poetry cluster based on the theme of Conflict William Shakespeare's 'Macbeth'	80 marks 2 hour written paper	50% of total GCSE

Please see Miss Evans for more information

Mathematics

Exam Board - AQA 8300

Mathematics is a compulsory subject at Key Stage 4. All students will study the Higher Tier syllabus.

As the GCSE course progresses, students benefit from revisiting aspects of the course taught in earlier years, and so further mock examinations will take place allowing close monitoring of your progress and to highlight any areas for improvement.

Throughout the course your teacher will encourage you to use correct mathematical vocabulary and notation, develop your ideas and ability to reason logically and apply your skills in real-life problem solving situations.

The department will be using an online maths package called MyMaths to aid and support learning. There are online lessons available and help is given during Monday lunchtimes in BS2 from 1:00-1:50 and every Thursday from 3:30-4:30 in the Maths department.

How will you be assessed?

<i>Examination/Coursework</i>	<i>Final Grade %</i>
There are three papers which are examined at the end of the course. They are equally weighted and questions can appear from the course in any paper. The first paper is non-calculator	33 1/3% for each paper

Please see Mr Watson for more information

Religious Studies

Exam Board - AQA Specification A 8062A

All students will follow a Full Course GCSE in Religious Studies.

The first half of the course is intended to allow students to develop a great understanding of two contrasting religious views. The second half of the course is designed to allow students to explore their own and others' answers to some of the important abstract questions of life. No affiliation to one religious group is required to succeed in this course. Throughout this course key skills of respect, empathy, debating and evaluating arguments will be developed. These skills as well as the course content are of interest to employers in the public sector and where the job entails working with other people within our multicultural society.

Syllabus Content

Study of Religions: Christianity and Buddhism

Key Beliefs

Practices

The Role of the Church within Society/ Buddhist Ethics

Thematic Studies

Crime and Punishment

Peace and Conflict

Rights and Social Justice

Revelation and the Existence of God.

How will you be assessed?

Students will start this course in Year 10. They will study two components during the course: Study of Religions and Thematic Studies. Both units will be examined at the end of Year 11. Throughout the course there will be lots of opportunity to practice exam skills so that they can develop their debating and evaluation technique.

<i>Examination/Coursework</i>	<i>Final Grade %</i>
Exam: Study of Religions	50%
Exam: Thematic Studies	50%

Please see Mrs Walters for more information

Science

Exam Board - OCR

(Combined Science or Biology, Chemistry and Physics)

All students will study the new OCR A Science syllabi. Students will have the choice between studying Combined Science or the separate Sciences (Biology, Chemistry and Physics). With either choice, the GCSEs will be 100% exam and students will take 6 exams – 2 each in Biology, Chemistry and Physics. All exams will be taken in the summer of year 11.

Combined Science (Compulsory)

This is the minimum requirement for Science GCSE. Students following this route in years 10 and 11 still study all 3 Science disciplines and will have 12 lessons of Science lessons per fortnight split equally across Biology, Chemistry and Physics. At the end of year 11 students will take 6 exams of 70 minutes each and will be awarded with Combined Science – this grade is worth 2 GCSE's and will be an average of their performance on all 6 papers.

Separate Sciences (Triple Award)

Students can opt to study Separate Sciences at GCSE. If a student picks this option then they will study Biology, Chemistry and Physics as 3 separate GCSE subjects. For each GCSE they will have 6 lessons per fortnight (18 in total for Science). Students who choose this route will need to include Science as one of their 4 choices on their option form. At the end of year 11 they will take 2 papers of 1 hour and 45 minutes for each GCSE and will be awarded 3 separate grades in Biology, Chemistry and Physics.

Experimental work

Although there will no longer be coursework for any Science GCSE, practical work will still be important. For each GCSE there will be a number of compulsory pieces of experimental work and the details covered in these tasks can be tested in the exam papers.

Please see Miss Tame for more information

Geography

Exam Board

OCR Geography B (Geography for Enquiring Minds) (J384)

What can GCSE Geography offer?

As a spatial science, Geography attempts to identify patterns in the world around us and looks at the ways in which human beings have affected and are affected by the natural system. It is a dynamic subject which will allow you to gain an understanding of where humans fit in the world as a whole and thus understand how current and future events and issues will shape your lives. Geography will further enhance and extend your range of skills. It allows you to have the opportunity to develop communication skills, graphical and cartographical skills, technological skills, including ICT and GIS. Through debate and discussion you will improve your interpersonal skills. Through a range of tasks you will improve your literacy and numeracy, problem solving skills, entrepreneurial skills and awareness of possible future career possibilities. You will study a diverse range of topics; **Our Natural World:** Global Hazards, Changing Climate, Distinctive Landscapes and Sustaining Ecosystems. **People and Society:** Urban Features, Dynamic Development, UK in the 21st Century and Resource Reliance. Within each module they will be expected to be able to describe, explain and exemplify effectively using case studies as well as their experiences on their two single day fieldtrips. There is also a Geographical Exploration paper which builds upon their fieldwork experiences and tests them on their hypothesis, methodology, analysis and results.

Where could studying Geography lead?

It will provide you with a clear understanding of the complexities of the world in the first part of the 21st century and provide a sound foundation for those of you who intend to continue to study the subject to a higher level. Our A-Level specification is also OCR thus offering excellent continuity.

How will you be assessed?

<i>Examination/Coursework</i>	<i>Final Grade %</i>
Our Natural World (01) 70 Marks 1 hour 15 minutes	35%
People and Society (02) 70 Marks 1 hour 15 minutes	35%
Geographical Exploration (03) 60 Marks 1 hour 30 minutes	30%

Please see Mr Riches for more information

History

Exam Board - AQA

What can GCSE History offer?

History encourages students to become effective independent learners and to develop skills of investigation, interpretation and communication. It is a respected academic discipline and a valued qualification as well as being an exciting subject to study. From 2016 the WGSB History department will be following the new 9-1 GCSE course from AQA exam board. This involves a study of 4 topic units which are examined through the completion of two History exam papers at the end of year 11. There is now no Controlled Assessment for GCSE History.

Unit 1: Germany, 1890–1945: Democracy and dictatorship: This period study focuses on the development of Germany during a turbulent half century of change. It was a period of democracy and dictatorship – the development and collapse of democracy and the rise and fall of Nazism. Students will study the political, economic, social and cultural aspects of these two developments and the role ideas played in influencing change. They will also look at the role of key individuals and groups in shaping change and the impact the developments had on them.

Unit 1: Conflict and tension, 1918–1939: This wider world depth study enables students to understand the complex and diverse interests of different individuals and states including the Great Powers. It looks at concepts such as national self-determination, ideas of internationalism and the challenges of revising the peace settlement. It focuses on the causes of the Second World War and seeks to show how and why conflict occurred and why it proved difficult to resolve the issues which caused it. This study also considers the role of key individuals and groups in shaping change, as well as how they were affected by and influenced international relations.

Unit 2: Britain: Health and the people: c1000 to the present day This thematic study will enable students to gain an understanding of how medicine and public health developed in Britain over a long period of time. It considers the causes, scale, nature and consequences of short and long term developments, their impact on British society and how they were related to the key features and characteristics of the periods during which they took place. Although the focus of this study is the development of medicine and public health in Britain, it will draw on wider world developments that impacted on the core themes.

Unit 2: Depth Study: Norman England 1060-1100 (this includes and Environmental study based on a key historic site of importance during this period). This option allows students to study in depth the Norman Conquest. The study will focus on the major aspects of William Conqueror's invasion and its impact on English life, considered from economic, religious, political, social and cultural standpoints of this period and arising contemporary and historical controversies.

How will you be assessed?

Exam Unit 1 worth 50% of GCSE Grade.

Written exam 1hr 45 minutes, based on a mix of source based questions and extended essay writing.

Exam Unit 2 worth 50% of GCSE Grade.

Written exam 1hr 45 minutes a mix of source based questions and extended essay writing.

Please see Mr Wrigley for more information

Art & Design

Exam Board - Edexcel 1FA0

What can GCSE Art and Design offer?

GCSE Art & Design is an exciting course that teaches you a lot of new practical skills, which students then have the opportunity to apply in their own personal work. They will use their imaginative powers and skills to express their ideas, feelings and create work with meaning.

Where could studying Art and Design lead?

The UK has a thriving creative industry and studying Art & Design can lead to many career opportunities that are available in the creative world. For example, Photography or Film, Theatre or TV work, Stage set or lighting design (eg theatre or live gigs), Graphic & Product Design, Animation or Gaming design, the Fashion world, Architecture & Interior Design, and of course the traditional careers in Art like running an Art Gallery or being a Fine Artist.

How will you be assessed?

Personal Portfolio in Art & Design – 60%

The personal portfolio project includes research, supporting studies and work showing the development of your ideas, leading to one or more outcomes, or “final pieces”. You will carry out an exciting range of work using different media and techniques, and on different themes.

Externally Set Assignment in Art & Design – 40%

To complete your GCSE, you take Paper 2: Externally Set Assignment. The Examination Board sets a broad theme, for example ‘STRUCTURES’. The question will contain some suggestions for possible starting points and directions or areas of study to help you develop your response and to give you ideas regarding your research. You then have several weeks to prepare for the timed test. During this time, you explore the theme in your sketchbook and in preparatory studies – you are allowed to discuss it with your teacher – and prepare your response. At the end of this period, you sit a ten hour timed examination over two days, during which you produce your final piece(s) of work. Your preparatory and development work, along with your final piece, are then submitted for assessment.

Assessment

<i>Examination/Coursework</i>	<i>Final Grade %</i>
Coursework	60%
Examination	40%

Please see Mrs Wisdom for more information

Business Studies

Exam Board - EDEXCEL 1BS0

What can GCSE Business Studies offer?

The new GCSE focuses on starting a business in Year 10. In Year 11 the focus switches to the management of larger businesses. Both sections are examined at the end of Year 11 in two separate exams.

Theme 1, Investigating Businesses, looks at the following topics:

- Topic 1.1 Enterprise and entrepreneurship
- Topic 1.2 Spotting a business opportunity
- Topic 1.3 Putting a business idea into practice
- Topic 1.4 Making the business effective
- Topic 1.5 Understanding external influences on business

Theme 2, Building a Business, has the following content:

- Topic 2.1 Growing the business
- Topic 2.2 Making marketing decisions
- Topic 2.3 Making operational decisions
- Topic 2.4 Making financial decisions
- Topic 2.5 Making human resource decisions

The subject focuses on real world businesses:

- How should companies respond to the fallout from Brexit??
- Should they be concentrating on their current markets (Tesco's recent loss of market share) or should they develop in new regions such as China?
- What issues are associated with reducing the size of their workforce?
- How should they re-launch one of their brands which has been suffering a decline in sales?

In addition to the above, there will be a focus in Year 10 on starting up a new business: the problems of cash flow, coping with a shrinking economy and the difficulty in extracting a loan from banks. These are similar to the problems faced by Dragon's Den companies.

Students who have an interest in current affairs tend to do well in the subject, as much of the subject content appears in the news every day.

Where could studying Business Studies lead?

It is a very broad subject and embraces topics such as: Marketing, Economics, Psychology, Accountancy, Business, Law and, to a lesser extent, other subjects. It therefore acts as an introduction to a range of A Level choices in the Sixth Form.

How will you be assessed?

The 2 papers will consist of calculations, multiple-choice, short-answer and extended-writing questions. Both are equally weighted
The majority of the questions will be based on business case studies given in the paper.

Please see Mr Harper for more information

Computer Science GCSE (9-1)

Exam Board - OCR J276

What can GCSE Computer Science offer?

The Computer Science department is pleased to be offering OCR GCSE Computer Science to all Year 9 students who are enthusiastic about developing their specialist understanding of Computers to a higher level. This course is suitable for logical-thinking students who want to learn more about the technical side of Computers including how they work and how to program. This is a specialist course and you will build upon what you have learned at Key Stage 3 in order to understand more about the fundamentals of computer systems including topics such as systems architecture, memory, storage, systems software, system security, computer ethics, networks and the Internet.

In addition, you will learn about computational thinking, algorithms and programming. Students currently in Year 10 are learning Visual Basic as their main programming language. GCSE Computer Science is a challenging course and we would expect students who choose the subject to have a keen interest in how computers work and programming. You should also enjoy logical thinking tasks and be mathematically able. Students who choose the subject must be good at managing work demands as GCSE Computer Science involves learning a lot of theory and a new programming language, as well as the completion of an independent programming project.

Where could studying Computer Science lead?

This course provides excellent preparation for further study of Computer Science at A-Level or an alternative Computer Science qualification. Alternatively GCSE Computer Science provides an excellent basis for an apprenticeship or post-16 vocational Computer Science or ICT-based course.

How will you be assessed?

The GCSE Computing course is assessed in Year 11 through two examinations and one Non-Exam Assessment (NEA).

Component 1: Computer Systems (40% of the GCSE)

- This is assessed through a 1 hour 30 minutes written examination paper which includes a mixture of short and long answer questions about how computer systems work (covering the content listed above).

Component 2: Computational thinking, Algorithms and Programming (40% of the GCSE)

- This is assessed through a 1 hour 30 minutes written examination paper which includes a mixture of short and long answer questions about computational thinking, algorithms and programming. Students will be expected to write programs in pseudo code in the examination.

Component 3: Programming Project (20% of the GCSE)

- This component is the Non-Exam Assessment (NEA) done in lessons under controlled conditions where candidates will be challenged by a range of exciting and engaging tasks, set by the examination board, to apply the knowledge and skills they have learned.

Important Notice: On 08 January 2018, OFQUAL discounted Component 3 from the current specification (for GCSEs taken in 2018 and in 2019) leaving Components 1 and 2 carrying 50% of the GCSE mark each. We are awaiting further advice by OFQUAL about the future of Component 3 for those taking their GCSE in 2020 (current Year 9's).

Please see Mr Karatzas for more information

DT: Design, Engineer and Construct

Exam Board - TLM

What can DEC offer?

Design, Engineer and Construct (DEC) is an applied level 2 (GCSE) course. It has been developed to create and inspire the next generation of Built Environment professionals. Through a project-based approach, DEC applies pure academic subjects to the latest construction industry practices. The result is young people with real-world practical experience and employability skills. Thanks to the extraordinary support of industry leaders, professional bodies and progressive universities, DEC delivers an inspiring programme that is up to date and in demand by industry such as our partners White Code Design Associates and Laing O' Rourke. This subject will compliment Art and Geography if you want to pursue a career in the creative industries such as Architecture and landscape designer. For a more technical career such as engineering, you will already be studying Maths and Science which will be required for this type of career.

This course will interest you if you are keen to specialise in designing buildings and making them function in terms of lighting, heating and water services.

The course requires you to be creative and logical in order to produce a range of design ideas, which can then be developed through CAD modelling into a final design.

The practical element will require you to develop a detailed model of your proposed design using modelling materials.

Where could studying DEC lead?

Would you like a career working with companies such as Whitecode Design Associates, Laing O'Rourke, Arup, Foster and Partners undertaking building design and construction projects in sectors including medical, railway stations, industrial buildings, residential buildings, sports centres and airport terminals? You could end up designing the next tallest skyscraper, improved airport terminals, intelligent buildings or zero carbon homes. These are just some of the exciting career paths that you could follow if you choose to take this subject, as one of your GCSE options.

Employability skills you will develop through this course include analysing, designing to a specification, developing products through to manufacture, and evaluating work, as well as problem solving, planning and communication skills.

How will you be assessed?

The course is split up into two sections:

- **Coursework** - A construction project which comprises of 4 units that you will complete over the two years. You will need to define, design, create, cost and evaluate a sustainable construction project which will be assessed internally and moderated externally. This course works slightly differently to other GCSE courses which include both coursework and exams. You will either pass or fail each of these 4 units. When you have passed each of the units, you will be given 30 marks, you can then be entered into the DEC exam.
- **Exam** - An externally set and externally marked examination to assess your knowledge and understanding that you have developed through your coursework construction project. You can only enter the exam when you have had your coursework moderated and it has passed. The exam is worth up to 70 marks and a grade will be awarded accordingly.

DT: Design, Engineer and Construct (Cont...)
Exam Board - TLM

<i>Examination/Coursework</i>	<i>Final Grade %</i>
Coursework	30%
Examination	70%

Progression to A levels at WG6

By taking this subject at GCSE you could take a combination of some of the following subjects at A level and progress towards a career designing, developing, manufacturing and/or testing any product currently available or imagined in the future.

- Level 3 Design, Engineer and Construct
- A level Electronics
- A level Maths
- A level Art
- A level Physics
- A level Chemistry
- A level Computing

Potential Degree courses

By taking the correct mix of A levels listed above you will be able to apply for degree courses such as those listed below:

- Planning Officer
- Architect
- Landscape Designer
- Building Surveyor
- Structural Engineer
- Civil Engineer
- Building Services Engineer
- Quantity Surveyor
- Project Management
- Environmental Engineer
- Sustainability

Related careers include

- Building Law
- Geologist

Please see Mr Brooker for more information

DT: Food Preparation and Nutrition

Exam Board - EDUQAS

What can Food Preparation and Nutrition offer?

This course offers a unique opportunity to develop your knowledge and skills within the food industry, in a vocational context. It is a suitable qualification for those who want a broad background in this area and for those who wish to progress to further education. It will offer valuable preparation for those entering the world of work. GCSE Food Preparation and Nutrition not only gives you essential life skills to cook for yourself and your family, understand the importance of a balanced diet it can also lead into a wide variety of careers. These include; dietician, farmer, waiter, chef, food buyer, butcher, baker, environmental health officer, child care worker and food technology teacher.

Where could studying Food Preparation and Nutrition lead?

This course is not just for students who want to cook dinner for the next two years. Students will be cooking once a week throughout the two year course, so you will need to be prepared to purchase and weigh your ingredients every week for the practical lessons. If you have a flair for cooking, creating new dishes and presenting them in an appealing way then this is the course for you. Ideally you should be organised, creative and adventurous to try new types of dishes, patient as some dishes are very complex to make, have great attention to detail and good presentation skills. Employability skills you will develop through this course include self-evaluation, problem solving, detailed planning, working to tight deadlines, organisation and communication skills.

How will you be assessed?

The specification encourages the investigation and study of Food in a variety of contexts and uses a range of assessment techniques to enable you to respond through practical and investigative work.

The course is comprised of two components:

Component 1 – Written Examination Principles of Food Preparation and Nutrition

50% of the total GCSE Grade - taken at the end of Year 11. This concentrates on the following topics:

Areas of study:

1. Food commodities
2. Principles of nutrition
3. Diet and good health
4. The science of food
5. Where food comes from
6. Cooking and food preparation

DT: Food Preparation and Nutrition

Exam Board - EDUQAS

Component 2 – Non-examination assessments

Food Preparation and Nutrition in Action

50% of the total grade - two assessments which are completed at the beginning of year 11.

1. Assessment 1 – The Food Investigation Assessment (15%)
8 hours controlled assessment where students write a written report between 1,500 – 2,000 words. The topic will be given to students at the beginning of year 11.

2. Assessment 2 – The Food Preparation Assessment (35%)
12 hours controlled assessment where students will plan, prepare, cook and present a selection of dishes to meet particular requirements such as a dietary need, lifestyle choice or specific content. Students will have three hours to prepare, cook and serve their dishes. A written portfolio of a maximum of 30 sides of A4 will accompany the practical to show planning.

Assessment

<i>Examination/Coursework</i>	<i>Final Grade %</i>
Coursework	50%
Assessment 1 – Taken in Year 11	35%
Assessment 2 – Taken in Year 11	15%
Examination	
Taken in Year 11	50%

Please see Mrs Cross for more information

Electronics

Exam Board - EDUQAS

What can Electronics offer?

This course will interest you if you are keen to develop your knowledge of electrical and electronic components and understand how they function, as well as designing and manufacturing products using electronic components. The practical work involved requires you to have good manipulative skills as electronic circuitry is, by nature, intricate work. Ideally you should enjoy applying Mathematics and Physics in order to understand how electronic circuits function and to then to develop design solutions.

Where could studying Electronics lead?

Would you like a career working with companies such as BAE systems, Rolls Royce, Airbus, McLaren F1, and Apple, undertaking projects in sectors including automotive, marine, medical, environmental, sport, science, military and aerospace? You could end up designing the next generation of self-steering cars, designing robots or developing artificial intelligence. These are just some of the exciting projects that you could be involved in if you choose to take this subject, as part of your GCSE options.

Employability skills you will develop through this course include analysing, designing to a specification, developing products through to manufacture, and evaluating work, as well as problem solving, planning and communication skills.

How will you be assessed?

During the course you will be developing your knowledge and understanding of how electronic components work. This will involve modelling, prototyping and testing your work as well as focused practical tasks. In year 11 you will complete your controlled assessment project, from your own design brief to a fully functioning solution. You will also be extending your knowledge and understanding for the examination, as well as taking a series of tests and exams leading up to your examinations in the summer.

During the course, you will be developing your knowledge and understanding. Some particular examples are:

- Understanding how individual components work and their purpose within a circuit
- Designing and simulating circuits on computer using circuit wizard
- Testing circuits using breadboard modelling
- Manufacturing a printed circuit board and soldering components in place.
- Circuit testing using multi-meters and oscilloscopes
- Design circuits using systems block diagrams and flow charts
- Using scientific principals and mathematical modelling to explain how components and circuits function.

Electronics (Cont...) Exam Board - EDUQAS

Course Assessment

Examination/Coursework	Final Grade %
Coursework	50%
Examination	50%

Progression to A levels at Wilmington

By taking this subject at GCSE you could take a combination of some of the following subjects at A level and progress towards a technical career.

- A level Electronics
- A level Product design
- A level Maths
- A level Physics
- A level Chemistry
- A level Computing

Potential Degree courses

By taking the correct mix of A levels listed above you will be able to apply for degree courses such as those listed below:

- Electrical engineering
- Electronic engineering
- Mechatronics
- Mechanical engineering

Please see Mrs Smith or Mr Brooker for more information

Modern Foreign Languages

Although it is no longer mandatory for students to study a Modern Foreign Language at GCSE, ***it is strongly recommended that students continue with at least one of the languages*** that they have studied so far. Students wishing to achieve the 'Ebacc' award will need to pass one Modern Foreign Language at GCSE.

Students in Year 9 will have covered the skills necessary for a grade 4 GCSE by the end of the Key Stage. These skills include the ability to communicate in the past, present and future tenses, as well as being able to give opinions. A GCSE in Modern Languages builds on these skills, allowing students to use language with an increasing degree of sophistication.

In addition, the UK trades with over 200 countries worldwide, and 60% of that trade is with non-English speaking countries. It is easy to think that everyone speaks English these days. In fact, 75% of the world's population don't speak any English at all, whilst only 6% speak English as their first language, there are over 300 languages spoken in London alone!

Studying languages also helps to develop other skills from communication to problem solving, skills that are essential for your working life. A basic understanding of languages can open up all sorts of opportunities to travel, meet people abroad and work in diverse environments. Whether you see your career at home or abroad, the facts speak for themselves - **choose a language and get ahead in this multilingual world.**

Visit www.languageswork.co.uk for more information about languages, career choices and options in general.

French

Exam Board - Edexcel

What can French offer?

The GCSE French course encourages learners to enjoy language learning by studying up to-date topics of interest to young people today. It also provides them with a firm grounding in grammar for further study and the practical use of French in Speaking and Listening contexts allows them to communicate effectively in the target language.

Learning a language at GCSE is still highly regarded by universities, the world of work and it broadens the students' cultural understanding of the countries where the language is spoken.

The content and delivery of the course are enhanced by the use of an interactive whiteboard and multi-media facilities, including audio-visual resources, a digital version of the coursebook on 'Moodle', CD-ROMs and a wide range of language learning websites.

Where could studying French lead?

The world is becoming a much smaller place, and consequently employers are looking to recruit people who have the ability to speak another language. Employers are looking for people with language skills for all kind of positions, including accountancy, computing, customer services, engineering, finance, marketing, media and almost all other jobs.

How will you be assessed?

<p>Content</p> <p>Students are required to study the following themes:</p> <p><u>Theme 1: identity and culture:</u></p> <ul style="list-style-type: none"> • Me, my family and friends • Technology in everyday life • Free-time activities • Customs and festivals <p><u>Theme 2: local, national, international and global areas of interest</u></p> <ul style="list-style-type: none"> • Home, town, neighbourhood and region • Social issues • Global issues • Travel and tourism <p><u>Theme 3: current and future study and employment</u></p> <ul style="list-style-type: none"> • My studies • Life at school • Education post-16 • Career choices and ambitions 	<p>Assessment:</p> <ul style="list-style-type: none"> • Paper 1: Listening: Examination 25%: Foundation (35 mins) Higher (45mins) • Paper 2: Speaking: Examination 25% Foundation (7-9 mins) Higher (10-12 mins) • Paper 3: Reading : Examination 25% Foundation (45 mins) Higher (1 hour) • Paper 4 : Writing: Examination 25% Foundation (1 hour) Higher (1 hour 15 mins) <p>Assessment takes place in all 4 skills at the end of Year 11. Students will be entered for either all Foundation tier exams (Grades 1-5) or all Higher tier exams (Grades 4-9). The Grade 4 is equivalent to a current C/B Grade at GCSE.</p>
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Please see Mrs Chambers for more information

German

Exam Board - Edexcel

What can GCSE German offer?

The GCSE German course encourages learners to enjoy language learning by studying up-to-date topics of interest to young people today. It also provides them with a firm grounding in grammar for further study and the practical use of German in Speaking and Listening contexts allows them to communicate effectively in the target language.

Learning a language at GCSE is still highly regarded by universities, the world of work and it broadens the students' cultural understanding of the countries where the language is spoken.

Where could studying German lead?

The world is becoming a much smaller place, and consequently employers are looking to recruit people who have the ability to speak another language. Employers are looking for people with language skills for all kind of positions, including accountancy, computing, customer services, engineering, finance, marketing, media and almost all other jobs.

How will you be assessed?

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Please see Mrs Chambers for more information

Spanish

Exam Board - Edexcel

What can GCSE Spanish offer?

The GCSE Spanish course encourages learners to enjoy language learning by studying up-to-date topics of interest to young people today. It also provides them with a firm grounding in grammar for further study and the practical use of Spanish in Speaking and Listening contexts allows them to communicate effectively in the target language. Learning a language at GCSE is still highly regarded by universities, the world of work and it broadens the students' cultural understanding of the countries where the language is spoken.

Where could studying Spanish lead?

The world is becoming a much smaller place, and consequently employers are looking to recruit people who have the ability to speak another language. Employers are looking for people with language skills for all kind of positions, including accountancy, computing, customer services, engineering, finance, marketing, media and almost all other jobs.

How will you be assessed?

The content and delivery of the course are enhanced by the use of an interactive whiteboard and multi-media facilities, including audio-visual resources, a digital version of the coursebook on 'Moodle', CD-ROMs and a wide range of language learning websites.

<p>Content Students are required to study the following themes:</p> <p><u>Theme 1: identity and culture:</u></p> <ul style="list-style-type: none"> • Me, my family and friends • Technology in everyday life • Free-time activities • Customs and festivals <p><u>Theme 2: local, national, international and global areas of interest</u></p> <ul style="list-style-type: none"> • Home, town, neighbourhood and region • Social issues • Global issues • Travel and tourism <p><u>Theme 3: current and future study and employment</u></p> <ul style="list-style-type: none"> • My studies • Life at school • Education post-16 • Career choices and ambitions 	<p>Assessment:</p> <ul style="list-style-type: none"> • Paper 1: Listening: Examination 25%: Foundation (35 mins) Higher (45mins) • Paper 2: Speaking: Examination 25% Foundation (7-9 mins) Higher (10-12 mins) • Paper 3: Reading : Examination 25% Foundation (45 mins) Higher (1 hour) • Paper 4 : Writing: Examination 25% Foundation (1 hour) Higher (1 hour 15 mins) <p>Assessment takes place in all 4 skills at the end of Year 11. Students will be entered for either all Foundation tier exams (Grades 1-5) or all Higher tier exams (Grades 4-9). The Grade 4 is equivalent to a current C/B Grade at GCSE.</p>
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Please see Mrs Chambers for more information

Music

Exam Board - EDEXCEL 1MU0

What can GCSE Music offer?

The Music course for GCSE is designed to provide for a wide range of musical abilities and interests. The aim is to develop skills, knowledge and understanding in performing, composing and listening and appraising.

How will you be assessed?

Course content:

Component 1 – Performing	30%	All students are required to play a musical instrument (or sing) as part of the final examination both in solo performance and in a group. Although it is possible to achieve success by playing a classroom instrument (e.g. recorder, drums or ukulele), it is recommended that students receive private lessons on the instrument they play for practical performance.
Component 2 – Composition	30%	Candidates also submit two compositions (lasting a total of three minutes), or arrangements, which they will have produced during the course. While composition research may be carried out by the student in or out of the school, the final recording and score must be completed in school under teacher supervision. The time allocation for this is 10 hours for each of the two compositions.
Component 3 – Listening and appraising	40%	Students develop their listening and appraising skills through the study of music across a variety of musical genres and styles. This is assessed through an externally set and marked written paper based on the 8 set pieces they study over the 2 years.

It is strongly recommended students arrange private music lessons on their instrument to help develop/consolidate their knowledge of notation and harmony, which is essential for composition and listening and appraising.

Please see Mr Palmer for more information

Physical Education

Exam Board - AQA

What can GCSE Physical Education offer?

GCSE Physical Education is an incredibly rewarding qualification. It not only develops sports performance levels and theory knowledge, but also many of the key skills valued by employers and universities. Students will have the opportunity to engage in group work, lead presentations, use ICT in their work, complete analysis of performance and become a well-rounded individual. The course is not like any other subject on offer, providing variety for those looking for something a little bit different.

The course is suited to candidates with a high level of practical performance and the foundations for sound theoretical understanding of the human body and why physical activity is important to a healthy active lifestyle.

Where can GCSE Physical Education lead?

This course allows progression to A level PE and will benefit those students who wish to go into the fields of: sports management, coaching; teaching; leisure development; physiotherapy and many more careers related to sport and psychology.

How will you be assessed?

The course will comprise of a 60% theory weighting and 40% non-exam assessment unit (practical performance) of which 30% is based on students assessed in the role of performer only, and 10% assessed through analysis and evaluation of performance.

<i>Examination/Coursework</i>	<i>Final Grade %</i>
Practical coursework	30%
Examination (2 x 1 hours 15 minute)	60%
Observation and Analysis	10%

Practical Activities

Students will be assessed in three different practical activities; a team activity, an individual activity and a third from either a team or individual activity. These will be chosen from the list provided by the Department for Education.

Team Activities

Association football	Field hockey	Squash
Badminton	Lacrosse	Table tennis
Cricket	Rowing	Tennis
Handball	Rugby	Volleyball

Physical Education

Continued...

Individual Activities

Amateur boxing	Golf	Skiing
Athletics	Gymnastics	Squash
Badminton	Kayaking	Swimming
Canoeing	Rock climbing	Table tennis
Cycling	Rowing	Tennis

The sports in the tables above can only be assessed once, any students assessed in Tennis as an individual performer cannot then be assessed as a team player in that same sport.

Theoretical Aspects

This section of the course is split into two sections strands which are assessed through two examinations at the end of the two years of study.

Paper 1: The human body and movement in physical activity and sport.

Applied anatomy and physiology	Physical training
Movement analysis	Use of data

Paper 2: Socio-cultural influences and well-being in physical activity and sport.

Sports psychology	Socio-cultural influences
Health, fitness and well-being	Use of data

How it's assessed

There will be two written exam that will last 1 hour 15 minutes with a weighting of 78 marks equivalent to 30% of the overall GCSE. The exam will have a mixture of multiple choice questions, short answer questions and extended answer questions to test students' knowledge and understanding.

Resources

The main AQA text book will be provided by the PE department at the start of the course with an additional reading list of books and online apps that students can purchase to help support them through classwork and pre-learning.

There will be a specific GSCE PE kit that students will need to purchase for practical lessons, all the kit needed will be available through our on-line school shop on the Kalibazar website.

Please see the Mr Harris or the PE department for more information

