



CRESTWOOD
COMMUNITY SCHOOL

Key Stage 4 Options 2022

Crestwood

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Dear Year 9,

Choosing your option subjects for KS4 is an incredibly exciting and important part of your journey here at Crestwood. Our School is built on the belief that all learners can succeed through developing their aspirations, creativity and independence.

The Options process will be the first opportunity you have to significantly influence your own education. With such an important decision, we want to ensure you are able to make the right choices, having been given as much support and guidance as possible.

It is important that you fully engage in the programme of activities and events that have been organised for you. The purpose of these events is to help you focus on the decision that will ultimately shape your future.

The final decision on which four options you study in KS4 will be communicated to you in the Summer Term. It is therefore essential that you continue to be engaged and committed to all of the subjects, even ones you will not be continuing with.

Please use this booklet to discover the wide variety of options that are available to you. You should speak to your teachers at school and make an appointment with subjects you are interested in at the Options Evening.

When reading through this booklet and thinking about your option choices please consider the following;

- Find out as much as possible about what you will learn in all courses.

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- Consider how much progress you have made in this subject previously.
- Take into account how interesting and enjoyable the subject has been to you.
- Consider whether the subject is important for any future FE course or career.
- Take advice from teachers about the suitability of the course.
- Seek advice from a variety of sources: parents, older students and tutors.
- Consider subjects you think will motivate and inspire you to learn.
- DO NOT choose a subject because a friend is choosing it.
- DO NOT choose a subject because it appears to be an easy option.
- DO NOT choose a subject just because it seems new and interesting; find out about all that the course involves.
- DO NOT choose a subject because of a particular teacher as they may not be teaching your class.

**Mr S Topazio - Assistant
Headteacher (Curriculum)**



Pathways

Pathways

All students will be asked to select four option subjects they wish to study in Key Stage 4. In order to provide students with the opportunity to achieve the very best outcomes we have placed them in one of three pathways below:

Pathway A - Full Ebacc

Students recommended for this pathway will need to choose either Spanish or French and either Geography or History. In addition they will then choose two further options of their own choice.

Pathway B - Partial Ebacc

Students recommended for this pathway will need to choose one of Spanish, French, History or Geography. In addition they will then choose three further options of their own choice

Alongside this options booklet you will receive a letter detailing the Pathway that we believe is the most appropriate for you. Around the same time you will receive login details and a user guide to enable you to make your choices via our online system.

Triple Science (GCSE Biology, Chemistry and Physics)

If you opt to take the Triple Science course at Key Stage 4 this will take up one of your four options. For more information please speak to Mr Buckingham.

Important Notes

Whilst every effort is made to match students with their preferred choices, in some circumstances it may not be possible. In these cases we will attempt to match students with their reserve choice. It is therefore important that students carefully consider the order in which they rank their choices. Alternative options may have to be considered if;

There is insufficient demand for a particular course.

Too many students choose a particular course

Your combination of options cannot be timetabled

Key Dates

Monday 25th April - Options process launched with Year 9 assembly and options booklet published

Tuesday 26th April - Friday 29th April Subject introduction videos presented in tutor time.

Thursday 28th April Year 9 Options Evening at Cherbourg Campus. 4.30pm - 7.30pm

Friday 29th April Log in details to online options form sent to parents and students.

Friday 6th May Deadline for submission of options form

May and June Discussions with students on option choices

July Confirmation of option choices

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Your Future

Future pathways

Before taking your options, it might be worth thinking about which skills you will be learning and how these could help you when you Leave Crestwood - click on the images below to go to information about skills and future pathways linked to each subject area.

Over the next few months, all pupils will also have a careers appointment to discuss possible future careers and ideas with a trained careers advisor, - this will be explained in more detail in an assembly



English



Chemistry



Physics



Maths



Biology



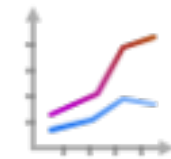
Languages



Geography



Food



Business



Art



Drama



History



R.S.



Design Technology



Computer Science



P.E.



Music

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GCSE Examination Summary

The KS4 options at Crestwood are assessed using a combination of internally assessed components and external examinations. Details for each options are set out in the table below. On rare occasions it may be deemed necessary to change from the examination providers detailed in this booklet if and when this occurs, we will endeavour to ensure both students and parents are aware of any changes.

Subject	Internally Assessed Components	Examinations <i>Type and Length</i>
Core Subjects		
English Language	Non-examination separate Spoken Language endorsement (0% weighting of GCSE)	2 x Written exams. Both are worth 50% and are 1 hour 45 minutes.
English Literature		2 x Written exams: 1 x 1 hour 45 minutes (40%) and 1 x 2 hour 15 minutes (60%)
Maths		3 x Written exams all 1 hour 30 minutes. Paper 1 is a non-calculator. In papers 2 and 3 a calculator can be used.
Combined Science		6 x Written exam papers. 1 hour 15 minutes each
English Baccalaureate (Ebac) Subjects		
Triple Science		6 x Written exam papers. 1 hour 45 minutes each
Geography		3 x Written Exams: 2 x 1 hour 30 mins (35% each) and 1 x 1 hour 15 mins (30%)
History		4 x Written exam papers. 2 x 1 hour, 1 x 1 hour and 15 mins, and 1 x 45 mins
Spanish		4 x exams. Listening, Speaking, Reading and Writing. Each paper is worth 25% of the overall GCSE.
French		4 x exams. Listening, Speaking, Reading and Writing. Each paper is worth 25% of the overall GCSE.
Religious Studies		3 x Written exams 1 x 2 hour and 2 x 1 hour examinations

Physical and Creative Arts Faculty Subjects		
Art & Design	Component 1 - Coursework, 60% of overall marks, made up of 2 projects derived from previous exam topics. Creative portfolio of evidence	Component 2 - Exam, 40% of overall marks, consisting of one project set by the exam board (externally set assignment). Period of time to develop the project ending in a 10 hour exam, over 2 days to complete a personal response.
Music	2 compositions; one free, one to a brief (30%) 2 performances (live or programmed); 1 solo, 1 group (30%)	1 written exam. 60 minutes of short listening questions, 30 minutes of questions on the study pieces (40%)
Drama	Component 2 - Devised exam - 40% (10% performance 30% coursework) Component 3 - Scripted exam - 20% 2 scripted performances to an external examiner	Component 1 - Written exam - 40% of the GCSE.
GCSE PE	40% - Practical - 3 assessed sports and a coursework component (NEA)	2 Written exams 2 x 1 hour 15 minutes each.
Sports Studies	2 coursework units - 60% in total - Awareness of Outdoor Adventurous Activities & Performance & Leadership in Sports Activities	1 written exam - 1 hour 15 minutes - worth 40% of marks
GCSE Dance	60% Performance and Choreography (practical). 40% Dance Appreciation (theory).	Exam is 1 hour and 30 minutes long. Exam paper is out of 80 marks (written)
Technology Faculty Subjects		
Food Preparation and Nutrition	50% Coursework portfolio and Practical Cookery Session.	1 x Written Exam - 1 Hour 45 Minutes - worth 50% of marks
Design and Technology	50% Coursework - Creative Portfolio of work based on a topic given by the exam board, can focus on preferred specialism and completed in lessons	1 x Written Exam - 2 Hours - worth 50% of marks
Computer Science		2 x Written Exam Papers. Each 1hour 30 mins
BTEC Creative Media	Component 1: Investigating Media - In-Class coursework project (30%) Component 2: Planning a Media Product. In-Class coursework project (30%)	Component 3: Creating a Media Product. 8 hours of lesson time taken under exam conditions to make an interactive product This is marked externally.(40%)
Business Studies	Component 1: Exploring Small Businesses. In-Class coursework project (30%) Component 2: Business Plan for starting your own small business. In-Class coursework project (30%)	Component 3: Finance and Marketing Exam Paper. 2 hours. (40% of final grade)

English Language

Core Exam Subject: English Language

Exam Board: AQA

Qualification: GCSE (9-1) English

Faculty Leader: Mrs K Nicholas

What will I study?

All students will be taught and encouraged to read fluently and write effectively. They will be able to demonstrate a confident control of Standard English and be able to write grammatically correct sentences, deploy figurative language as well as analyse a wide range of texts. In addition, students will acquire and apply a wide vocabulary, alongside a knowledge and understanding of terminology for reading, writing and spoken language. Students will be encouraged to listen to and understand spoken language and use spoken Standard English effectively.

Students will be exposed to 19th, 20th and 21st Century texts and will study skills in two main topic areas: fiction and non-fiction. Students will learn to analyse the language & structure of texts, evaluate texts, compare and contrast texts and to write for a range of purposes.

How will I be assessed?

English Language is designed to be studied over multiple years with all assessments taken at the end of the course. In class assessments over the length of the course will include questions and tasks which allow students to:

- Provide extended responses
- Draw together different areas of knowledge, skills and understanding from across a wide range of texts
- Write for a designated audience,

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purpose and form

The spoken language endorsement will be reported on as part of the qualification but will NOT form part of the final mark and grade for English Language. The endorsement is assessed through a short speech, presentation or talk from the students that is performed in class. This will be awarded separately as a Pass, Merit or Distinction.

The final exam papers are equally weighted and are 1 hour 45 minutes in length. Each has 5 questions. Paper 1 includes one literature fiction text with four reading questions and one narrative or descriptive writing question. Paper 2 includes two non-fiction texts with four reading questions and one extended writing question.

The key skills that English Language develops in students are:

- Reading fluently with good understanding
- Reading and evaluating critically
- Making comparisons between texts and contexts
- Writing effectively and coherently
- Using grammar correctly and punctuating and spelling accurately

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mrs Nicholas [here](#).

English Literature

Core Exam Subject: English Literature

Exam Board: AQA

Qualification: GCSE (9-1) English

Faculty Leader: Mrs K Nicholas

What will I study?

All students will be taught and encouraged to develop knowledge and skills in reading, writing and critical thinking. Through literature, students have a chance to develop culturally and acquire knowledge and appreciate the depth and power of the English literary heritage. Students will read in depth, critically and evaluatively, so that they are able to discuss and explain their understanding and ideas. Students will be taught and encouraged to write accurately, effectively and analytically about their reading, using Standard English.

In English Literature, all students will study three key texts, from three areas outlined by the exam board, and a poetry anthology. The texts are: Macbeth (Shakespeare), A Christmas Carol (19th-century novel) and An Inspector Calls (modern prose or drama). All students will also receive an anthology of 15 poems set by the exam board; we study the Love and Relationship collection.

How will I be assessed?

English Literature is designed to be studied over two years with all assessments taken at the end of the course.

In class assessments over the two years will include questions or tasks which allow students to:

- Provide extended responses
- Draw together different areas of knowledge, skills and understanding from across a wide

range of texts

Paper 1 - 1 Hour and 45 minutes.
Section A Shakespeare: students will answer one question on Macbeth. They will be required to write in detail about an extract from the play and then to write about the play as a whole. Section B The 19th-century novel: students will answer one question on A Christmas Carol. They will be required to write in detail about an extract from the novel and then to write about the novel as a whole.

Paper 2 - 2 Hours and 15 minutes.
Section A Modern texts: students will answer one essay question from a choice of two on the play they have studied, An Inspector Calls. Section B Poetry: students will answer one comparative question on one named poem printed on the paper and one other poem from the Love and Relationship anthology cluster. Section C Unseen poetry: Students will answer one question on one unseen poem and one question comparing this poem with a second unseen poem.

What key skills will I develop

- Text comprehension
- Critical reading and analysis
- Evaluation
- Comparison
- Writing clearly and coherently

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mrs Nicholas [here](#).

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Combined Science

Core Exam Subject: Combined Science

Exam Board: AQA

Qualification: GCSE (9-1) Combined Science Trilogy

Faculty Leader: Mr J Buckingham

What will I study?

Students will study AQA Combined Science- Trilogy specification. This course covers Biology, Chemistry and Physics. Offered at both higher and foundation tiers

Biology topics covered are: 1. Cell biology, 2. Organisation, 3. Infection and response, 4. Bioenergetics, 5. Homeostasis and response, 6. Inheritance, variation and evolution, 7. Ecology

Chemistry topics covered are: 1. Atomic structure and the periodic table, 2. Bonding, structure, and the properties of matter, 3. Quantitative chemistry, 4. Chemical changes, 5. Energy changes, 6. The rate and extent of chemical change, 7. Organic chemistry, 8. Chemical analysis, 9. Chemistry of the atmosphere, 10. Using resources.

Physics topics covered are: 1. Energy, 2. Electricity, 3. Particle model of matter, 4. Atomic structure, 5. Forces, 6. Waves, 7. Magnetism and electromagnetism.

Upon successful completion of the Combined Science course, students will receive two grades.

A grade 6-6 or higher is required to study Science at A-Level, along with a grade 6 or 7 in Maths.

How will I be assessed?

The course is linear and 100% exam based assessment at the end of Year 11. There will be regular mock exams throughout the duration of the course to check progress.

Exams test subject knowledge, mathematical ability, and understanding of laboratory skills and data analysis.

What skills will I develop?

You will develop a deep understanding of the procedural knowledge required to carry out a range of quantitative chemistry calculations, and solve complex physics problems.

You will develop the ability to write detailed scientific reports and practical write ups. You will also be trained to apply your knowledge to explain complex phenomena with detailed responses.

You will develop a deep understanding of how Science is linked to almost every other subject, with obvious subjects like Maths and English, but also with subjects like Food technology and Geography.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr Buckingham [here](#).

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Mathematics

Core Exam Subject: Maths

Exam Board: EDEXCEL

Qualification: GCSE (9-1) Maths

Faculty Leader: Miss C Ward

What will I study?

- Number and calculation
 - Fractions, percentages and decimals
 - Measures and accuracy
 - Algebra notation, vocabulary and manipulation
 - Graphs
 - Solving equations and inequalities
 - Sequences
 - Ratio, proportion and rates of change
 - Geometrical properties and constructions
 - Vectors
 - Mensuration and calculation
 - Probability
 - Statistics
- develop their use of formal mathematical knowledge to interpret and solve problems, including in financial contexts
 - make and use connections between different parts of mathematics to solve problems
 - model situations mathematically and express the results using a range of formal mathematical representations, reflecting on how their solutions may have been affected by any modelling assumptions
 - select appropriate concepts, methods and techniques to apply to unfamiliar and non routine problems; interpret their solution in the context of the given problem.

How will I be assessed?

- Students will be assessed on their ability to:-
- Use and apply standard techniques
- Reason, interpret and communicate mathematically
- Solve problems within mathematics and in other contexts

What skills will I develop in Maths?

All students build on skills obtained through KS3 with particular emphasis on the ability to solve problems.

They will;

- develop their mathematical knowledge, in part through solving problems and evaluating the outcomes, including multi-step problems

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Miss Ward [here](#).

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Spanish



Ebacc Option:	Spanish
Exam Board:	AQA
Qualification:	GCSE (9-1) Spanish
Faculty Leader:	Mr S Topazio

What will I study?

Spanish will cover the following broad themes: Identity and culture; Local, national, international and global areas of interest; Current and future study and employment. A qualification in Spanish should allow students to:

- Communicate coherently with native speakers in speech and writing, conveying what they want to say with increasing accuracy, fluency and confidence.
- Deepen their knowledge about how language works and enrich their vocabulary.
- Increase their independent use and understanding of extended language in a wide range of contexts.
- Respond to a rich range of authentic spoken and written material, including literary texts.
- Develop awareness and understanding of the culture, traditions and identity of the countries and communities where the language is spoken.
- Develop language-learning skills to prepare them for further language study and use in school, higher education or employment.

How will I be assessed?

Paper 1- Listening (25%): understand and respond to different types of spoken language.

Paper 2 - Speaking (25%): communicate and interact in speech.

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Paper 3 - Reading (25%): understand and respond to different types of written language including literary texts. A translation from Spanish to English will also be required.

Paper 4 - Writing (25%): communicate in writing. Translating from English into Spanish.

What skills will I develop in GCSE Spanish?

Learning a language is a great way to keep your brain young and provide excellent mental stimulation.

Language learning boosts your memory by prompting you to memorise new vocabulary and grammar rules. In addition, it challenges and improves the cognitive functions of your brain allowing you to become a faster and more effective learner. There are many social benefits, for example your confidence grows as you push yourself out of your comfort zone and challenge yourself to speak in another language to a native speaker.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mrs Andueza [here](#).



French

Ebacc Option:	French
Exam Board:	AQA
Qualification:	GCSE (9-1) French
Faculty Leader:	Mr Topazio

What will I study?

French will cover the following broad themes: Identity and culture; Local, national, international and global areas of interest; Current and future study and employment. A qualification in French should allow students to:

- Communicate coherently with native speakers in speech and writing, conveying what they want to say with increasing accuracy, fluency and confidence.
- Deepen their knowledge about how language works and enrich their vocabulary.
- Increase their independent use and understanding of extended language in a wide range of contexts.
- Respond to a rich range of authentic spoken and written material, including literary texts.
- Develop awareness and understanding of the culture, traditions and identity of the countries and communities where the language is spoken.
- Develop language-learning skills to prepare them for further language study and use in school, higher education or employment.

How will I be assessed?

Paper 1- Listening (25%): understand and respond to different types of spoken language.

Paper 2 - Speaking (25%): communicate and interact in speech.

Paper 3 - Reading (25%): understand and respond to different types of written language including literary

texts. A translation from French to English will also be required.

Paper 4 - Writing (25%): communicate in writing. Translating from English into French.

What skills will I develop in GCSE French?

Learning a language is a great way to keep your brain young and provide excellent mental stimulation. Language learning boosts your memory by prompting you to memorise new vocabulary and grammar rules. In addition, it challenges and improves the cognitive functions of your brain allowing you to become a faster and more effective learner.

There are many social benefits, for example your confidence grows as you push yourself out of your comfort zone and challenge yourself to speak in another language to a native speaker. You will become more resilient and as you learn more, you will start to feel a tremendous sense of accomplishment and self-satisfaction.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mrs Andueza [here](#).

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Geography



Ebacc Option: Geography

Exam Board: AQA

Qualification: GCSE (9-1) Geography

Faculty Leader: Mr S Topazio

What will I study?

GCSE Geography at Crestwood is a very popular and exciting subject. Students get the opportunity to discover in depth the world in which we live and the diverse relationships between the Human and Physical Geography of our planet. We study a range of case studies and examples which provide students with up to date knowledge and understanding of local and global geographical events.

Students will study topics under two main units and complete two pieces of fieldwork.

Topic 1:

Living with the physical environment:
This unit focuses on physical geography including the study of Natural Hazards, Ecosystems, Extreme Environments, Rivers and Coasts.

Topic 2:

Challenges in the human environment:
This unit focuses on human geography including the study of population growth, world development, sustainable management and resource management.

Fieldwork: Students will take part in a minimum of two fieldwork days in which they will collect primary data in a 'physical environment' and a 'human environment'. Fieldwork is now assessed through a terminal exam.

To view the full GCSE Syllabus please click [here](#).

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Post 16 Progression

Geography is up-to-date and relevant, it is one of the most exciting, adventurous and valuable subjects to study today. Choosing geography at school can open the doors to a university degree, either specifically in geography or by combining geography with other A

Levels to gain a place on a degree programme in another subject. An A-Level in geography is recognised for its academic 'robustness' and, most importantly, it also helps students into the world of work.

What skills will I develop in Geography?

Through the study of real world events, examples and case studies students will have the opportunity to see and experience the processes and features that help to shape our world. Students will have the opportunity to interpret, analyse and evaluate a range of

Geographical information including maps, images, data, charts and graphs. Students will then develop their communication skills to justify their conclusions. Literacy and Numeracy skills are an important part of the Geography course.

Contact Information

If you have any questions please contact Mr Topazio [here](#)



History

Ebacc Option: History

Exam Board: AQA

Qualification: GCSE (9-1) History

Faculty Leader: Mr S Topazio

What will I study?

Students will take two studies in depth looking at the social, cultural, economic and political challenges and changes of two historical periods.

The non-British study is The USA: A Nation of Contrasts, 1910-1929, using sources and interpretations to consider issues like immigration, gangsters, the KKK, silent movies and the changing lifestyle of women.

The British study is The Elizabethan Age, 1558-1603 where we will consider a how a queen came to rule in a patriarchal world and how Elizabeth managed her government, comparing the lifestyle of the rich and poor, what they did for entertainment, the problems caused by religion and the defeat of the Spanish Armada.

The breadth study, which explores the Development of Germany 1919-1991 to examine how the lives of the German people changed over this period. We explore changes from the Weimar Period, through Nazi Germany and the Second World War, and the division into West and East Germany including the Berlin Wall, right up to reunification.

The thematic study, covers the period 500 AD to the present day on the topic of Changes in Health and Medicine. We will look how understanding of causes of illness and disease, medical knowledge, patient treatment and care and developments in public health have changed over the last 1500 years

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Post 16 Progression

Students may choose A-Level History at college. It is a subject valued by universities. History as a subject is favoured by many interested in careers in journalism, politics, teaching and the law.

What skills will I develop in GCSE History?

History inspires in pupils a curiosity to know more about the past, equipping pupils with knowledge and understanding about the complexity of people's lives, the process of change, the diversity of societies and relationships between different groups.

An understanding of history enables pupils to shape their own sense of identity and understand the challenges of their time. The reading and writing requirements of the course complement the skills learned in English Literature and will equip students with the ability to analyse and interpret ideas and events with confidence.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Miss Newman [here](#).

Religious Studies

Open Option: Religious Studies

Exam Board: EDUQAS

Qualification: GCSE (9-1) Religious Studies

Faculty Leader: Mr S Topazio

What will I study?

Religious Studies develops key skills and topics studied during key stage three. The course has six units - 4 which are ethics based and 2 which are theology based, as follows:

- Issues of Relationships - including marriage, divorce, families.
- Issues of Life & Death - including medical ethics, afterlife beliefs, evolution.
- Issues of Good & Evil - including prison, crime, capital punishment, free will.
- Issues of Human Rights - including poverty, discrimination, charity, sexism.
- Beliefs, teachings and practices in Islam
- Beliefs teachings and practices in Christianity.
-

Students will learn how to constructively critique views and opinions, all the while forming their own understanding of the world around them, their own identity and how to contribute as a tolerant and respectful citizen within society. They will attempt to answer challenging philosophical questions such as “Why are we here?” and consequently develop higher-order thinking skills that will benefit their attainment across the curriculum, as well as through later life. Both religious and non-religious views will be explored and encouraged in relation to beliefs, teachings, stories and practices.

How will I be assessed?

Exam papers assess students' ability to recall factual information, show an understanding of Christian and Muslim beliefs and practices, and evaluate concepts using different views - religious, secular and their own. Students will need to relate traditional teachings to modern and current world events, such as poverty and discrimination. Non-religious views are mandatory in some sections of the exam.

Post 16 Progression

AS and A-Level RS and Ethics & Philosophy is offered at all local Sixth Form Colleges where students could develop their understanding and critical evaluation skills at a more cognitively demanding level. Ethics & Philosophy also complements the study of other evaluative subjects, including Critical Thinking, History, Geography and English. Skills developed during the course, such as communication, literacy, empathy and balanced analysis lend themselves well to assisting student progress in further education and the workplace.


Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Miss Machin [here](#).

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Triple Science



Ebacc Option: Triple Science

Exam Board: AQA

Qualification: GCSE (9-1) Biology, Physics. Chemistry

Faculty Leader: Mr J Buckingham

What will I study?

Biology topics covered are: 1. Cell biology, 2. Organisation, 3. Infection and response, 4. Bioenergetics, 5. Homeostasis and response, 6. Inheritance, variation and evolution, 7. Ecology,

Chemistry topics covered are: 1. Atomic structure and the periodic table, 2. Bonding, structure, and the properties of matter, 3. Quantitative chemistry, 4. Chemical changes, 5. Energy changes, 6. The rate and extent of chemical change, 7. Organic chemistry, 8. Chemical analysis, 9. Chemistry of the atmosphere, 10. Using resources.

Physics topics covered are: 1. Energy, 2. Electricity, 3. Particle model of matter, 4. Atomic structure, 5. Forces, 6. Waves, 7. Magnetism and electromagnetism, 8. Space Physics.

How will I be assessed?

These courses are linear and 100% exam based assessment at the end of Year 11. There will be regular mock exams throughout the duration of the course to check progress.

Exams test subject knowledge, mathematical ability, and understanding of laboratory skills and data analysis.

What skills will I develop?

You will develop a deep understanding of the procedural knowledge required to carry out a range of quantitative chemistry calculations, and solve complex

physics problems.

You will develop the ability to write detailed scientific reports, essays, and practical write ups. You will also be trained to apply your knowledge to explain complex phenomena with detailed responses.

You will develop a deep understanding of how Science is linked to almost every other subject, with obvious subjects like Maths and English, but also with subjects like Food technology and Geography.

Additional Information

Students who wish to be considered as a candidate for the Triple Science course should make this selection on the Options Form. It should be noted that studying three single sciences requires a significant amount of home study alongside normal class time and homework. Students will study AQA Single Sciences, with distinct qualifications for Biology, Chemistry and Physics.

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr Buckingham [here](#).

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Computer Science

```
self.debug = ...
self.logger = log
if path:
    self.file = ...
    self.file.se
    self.fingerp

@classmethod
def from_settings(c
    debug = setting
    return cls(job

def request_seen(s
    fp = self.requ
    if fp in self
        return Tr
    self.fingerpr
```

Ebacc Option:	Computer Science
Exam Board:	AQA
Qualification:	GCSE (9-1) Computer Science
Faculty Leader:	Mr R Birtwhistle

What will I study?

Of the course you will cover the following;

Computational thinking: this is the process of thinking through a complex problem, taking the time to understand what the problem is and then develop potential solutions for evaluation. These are then presented in a way that a computer, a human, or both, can understand.

Theoretical content: here you will understand the fundamentals of data representation and computer networks. You will learn about the computer systems that you will create and use and also delve in to the world of cyber security and ethical legal and environmental impacts of digital technology.

Aspects of software development: understand how to implement and test a design to make sure it works effectively. Learn how to complete an overall evaluation to help refine the end product.

How will I be assessed?

Students will be assessed on two written exams, at the end of the course which will include the following topics:

- Fundamentals of Algorithms
- Programming (including Flow charts)
- Data Representation
- Computer Systems (ie. Hardware)

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- Networks
- Cyber Security
- Relational Databases
- Ethical, Legal and environmental impacts of digital technology.

Post 16 Progression

Students will be well placed to consider A-Level Computing or Engineering at College, and may choose to consider a career in programming, system architecture or cyber security beyond this.

What skills will I develop?

- -An understanding of how computers work;
- Programming Skills;
- How to use a range of different softwares;
- How to keep yourself and businesses safe online

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr Birtwhistle [here](#).

Art and Design

Open Option: Art and Design

Exam Board: AQA

Qualification: GCSE (9-1) Art and Design

Faculty Leader: Mr B Vass

What will I study?

During the course students will develop skills in the following areas:

- Studying the work of other artists/ cultures
- Using a range of media and techniques (Pencil, Pen, Oil pastels, Chalks, Watercolour paints and have opportunities to use Photography, Lino Printing, Silk Screen printing and Sculpture).
- Observational drawing and developing personal ideas
- Completing a personal response

How will I be assessed?

The assessment of Art and Design is in two parts; Unit One (coursework) and Unit Two (externally set exam).

Unit One (Coursework) is everything which is done in school and at home before Christmas of year 11 and is 60% of the final grade.

Unit Two (the external exam) is a project set by the Exam Board. The preparation completed in lessons and at home is worth another 30% of the final grade; it ends with a ten-hour exam condition assessment worth the final 10%.

Both the coursework element and the exam project are assessed in 4 areas

- AO1 - Developing ideas in response to artist research
- AO2 - Exploring and experimenting through use of media, techniques and processes
- AO3 - Making observations through observational drawing, photography and visual research
- AO4 - Realising intentions through personal responses

What skills will I develop?

Students will explore a range of different media and techniques and develop skills in these leading to a better understanding of their strengths - these strengths will be exploited when developing their own independent projects in order to produce a portfolio of high quality work.

Additional Information

This GCSE course should only be considered by students that can draw to a good standard, are naturally creative and take pride in the presentation of their work.

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr Edmond [here](#).

Music



Open Option:	Music
Exam Board:	AQA
Qualification:	GCSE (9-1) Music
Faculty Leader:	Mr B Vass

What will I study?

There will be four areas of study

- Western classical music 1650 – 1910
- Popular music
- Traditional music
- Western classical music since 1910

Study pieces include part of a Mozart symphony, and 3 songs from the Paul Simon album “Graceland”. Pupils will develop their understanding and use of the key elements of melody, harmony, tonality, tempo, rhythm, metre, texture, dynamics, structure and timbre through composing, listening and performing.

How will I be assessed?

Pupils are assessed on three core areas

- Performing (30%) – solo and ensemble recordings made during final year of the course.
- These can be live, DJ or programmed and must be a combined minimum of 4 minutes.
- Composing (30%) – two pieces composed during the final year of the course.
- One is a free choice, but for the other there will be a choice of tasks set by AQA.

Independent Study

Homework towards performance takes the form of daily practice on your instrument/voice. Pupils ought also to be rehearsing as part of a group on a regular basis between lessons. For the listening exam there are a series of structured listening workbooks for pupils to work through, with some exercises due in each lesson. To support composing work pupils need to build in some composing into their regular practice routine. It is advisable that pupils have specialist tuition on their instrument/voice.

Post 16 Progression

Success at GCSE Music develops many valuable transferable skills and competences, such as creativity, attention to detail, planning, confidence, fine motor skills, listening and teamwork for example. It is therefore of benefit in many other areas of work and study. Some pupils may wish to study music further and this can lead to A-level and BTEC courses in Music, Music tech and Music production. There are also popular music performance-based courses that pupils move on to.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Miss R Glenn [here](#).

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Drama



Open Option: Drama

Exam Board: AQA

Qualification: GCSE (9-1) Drama

Faculty Leader: Mr B Vass

What will I study?

Component 1 – Understanding Drama

- Knowledge and understanding of drama and theatre
- Study of one set play from a choice of six
- Analysis and evaluation of the work of live theatre makers

Component 2 – Devising Drama

- Process of creating devised drama
- Performance of devised drama
- Analysis and evaluation of own work

Component 3 – Texts in Practice

- Performance of two extracts from one play
- Free choice of play but it must contrast with the set play chosen for Component 1

How will I be assessed?

Component 1

- Written exam: 1 hour 45 minutes
- Open book
- 80 marks
- 40% of GCSE

Component 2

- Devising log (60 marks)
- Devised performance (20 marks)
- 80 marks in total
- 40% of GCSE

Component 3

- 2 x Performance of Extracts 1
- 20 marks per extract
- 40 marks in total
- 20% of GCSE

Post 16 progression

A-Level Drama and Theatre and BTEC acting or Musical theatre courses, including those at Barton Peveril. Opportunities to join youth theatre organisations such as The Point and The National Youth Theatre. Transferable social skills. We have had students take GCSE Drama because they wanted to be Actors, Directors, Teachers, Make up artists and even lawyers.

Additional Information

It is a requirement of the exam board that students watch a live performance - this normally takes place at The Point theatre in the form of a school trip.

Exams take place as soon as Year 10 begins. The first exam (Component 2 - 40%) will be completed before the end of year 10.

Students will be required to perform in front of their peers and, in the case of the scripted exam, in addition to an external examiner from AQA.

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Miss A Brown [here](#).

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Physical Education



Open Option: Physical Education (PE)

Exam Board: AQA

Qualification: GCSE (9-1) PE

Faculty Leader: Mr B Vass

What will I study?

GCSE Physical Education should equip students with the knowledge, understanding, skills and values to develop and maintain their performance in physical activities and understand the benefits to health, fitness and well-being. Students will cover a variety of team and individual sports through their practical lessons and the following topics through regular theory lessons.

Paper 1 - The human body and movement in physical activity and sport Applied anatomy and physiology, Movement analysis, Physical training & Use of data.

Paper 2 - Socio-cultural influences and well-being in physical activity and sport What's assessed - Sports psychology , Socio-cultural influences, Health, fitness and well-being & Use of data.

Practical performance in physical activity and sport. Students will take part in a variety of individual and team sports. Students will submit their best 3 sports for assessment alongside a written piece of coursework discussing strengths and weaknesses of performance.

How will I be assessed?

Applied anatomy and physiology, Movement analysis, Physical training & Use of data. How it's assessed - Written exam: 1 hour 15 minutes, 78 marks , 30% of GCSE

Sports psychology , Socio-cultural influences, Health, fitness and well-

being & Use of data. How it's assessed - Written exam: 1 hour 15 minutes, 78 marks , 30% of GCSE

Practical performance in three different physical activities in the role of player/performer (one in a team activity, one in an individual activity and a third in either a team or in an individual activity). Analysis and evaluation of performance to bring about improvement in one activity (Coursework). How it's assessed - Assessed by teachers • Moderated by AQA • 100 marks • 40% of GCSE.

What skills will I develop?

Practical Skills: Ability to perform individual and group skills, Ability to perform skills in isolated and competitive games, Understanding and applying rules. The Ability to analyse and improve your own and others performance (e.g. act as coach/observer).

Theoretical skills: Health Fitness and factors affecting performance. Gain an understanding of movement and Diet. Principles of training. Factors affecting individual performance and participation. Social and cultural factors affecting participation.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr B Vass [here](#).

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Sports Studies



Open Option: Sports Studies

Exam Board: Cambridge National

Qualification: ?????

Faculty Leader: Mr B Vass

What will I study?

The Cambridge National in Sports Studies combines practical sports skills, and discussion of a range of important topics related to sport and its place in our society.

In Unit 1 you will learn about issues which affect participation in sport, how national bodies develop sports and how technology affects sport and sports performance.

In Unit 2 your personal performance as a sports performer will be assessed in two sports, and your ability to take on the role of a sports leader will be assessed in one sport. This will include organising and leading a sports activity session.

In Unit 3 you will learn about a variety of outdoor adventurous activities, what equipment you need and how to keep safe. You will also plan for, and take part in an outdoor adventurous activity.

This course provides a broad introduction to the world of sport. It incorporates important aspects of the industry including practical sports performance; and sports leadership. It enables you to develop and apply your knowledge, while also developing a range of relevant practical, communication and technical skills which can be used in a wide range of situations. You will be expected to bring full PE kit for practical lessons, and take part in a range of sporting activities.

How will I be assessed?

This course is assessed through an external exam and through internal assignments. These internal assignments come in the form of written documents and video footage of work given as presentations.

Unit 1 – Contemporary Issues in Sport – this will be assessed in a formal exam that lasts 1h15.

Unit 2 – Performance & Leadership in Sports Activities – this will be assessed by a coursework assignment.

Unit 3 – Awareness of Outdoor Adventurous Activities – this will be assessed by a coursework assignment.

All work is assessed using criteria and graded either Pass, Merit or Distinction.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr B Vass [here](#).

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Dance



Open Option: Dance

Exam Board: AQA

Qualification: GCSE (9-1) Dance

Faculty Leader: Mr B Vass

What will I study?

Dance is a powerful and expressive subject which encourages students to develop their creative, physical, emotional and intellectual capacity. This specification recognises the role of dance in young people's lives and students will study a range of dance styles and style fusions. Apart from the solo performance, they can choose any style in which to perform and choreograph, providing it meets the assessment criteria. The study of the anthology of professional works will develop their ability to critically appraise professional dance works and provide a springboard for engaging in practical tasks.

How will I be assessed?

Practical: Performance

- Set phrases through a solo performance (approximately one minute in duration)
- Duet/trio performance (three minutes in a dance which is a maximum of five minutes in duration)

Practical: Choreography

Solo or group choreography – a solo (two to two and a half minutes) or a group dance for two to five dancers (three to three and a half minutes)

Theory: Knowledge and understanding of choreographic processes and performing skills

- Critical appreciation of own work
- Critical appreciation of professional works

Post 16 Progression

GCSE Dance will provide the students with the skills and experience to better prepare them for the demands of AS and A-level if they choose to progress with their study.

What skills will I develop?

The practical component of the course enables students to study dance by 'doing' and the anthology of professional works will provide a springboard for the development of creative and engaging practical tasks. The study of the anthology will facilitate the development of students' skills in performance and choreography as well as broadening their knowledge and understanding of dance and ability to critically appraise dances of different styles and cultural influences.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mrs C Buckingham [here](#).

Creative Media



Open Option:	Creative Media
Exam Board:	Edexcel
Qualification:	BTEC Level 1/Level 2 Tech Award in Creative Media
Faculty Leader:	Mr B Birtwhistle

What will I study?

Creative Media focuses on creative, graphic design, interactive gaming and websites elements of IT.

Students will be assessed in 3 different components. Two of these are in-class coursework portfolio work.

The final piece is completed at a computer, over a sequence of lessons, but under exam conditions.

Component 1: Investigating Media Products. Students will look at a wide range of existing products in a wide range of mediums such as TV, Film, Podcasts, Advertising, Video Games, Websites, Mobile Apps.

Component 2: Planning a Media Product. Students will take one specific area and look at it in more depth, learn new publishing skills in this area and go on to create a final product such as an advertising campaign or a video game.

Component 3: Creating a Media Product. The exam board will set a brief for students to create a website (or similar). They will work in-lessons, but under exam conditions, to create the final product.

Homework

Students are expected to work on certain aspects of their coursework project portfolios outside of lessons. These will be the research and designing stages and will not require them to have specialist software at home.

Post 16 Progression

Students will be well placed to consider any vocational IT, Graphic Design or Media course at College. And beyond this, may be thinking about a career in graphic design, web design, or any sector of the media.

What skills will I develop?

- Skills at using a wide range of specialist software
- Presentation Skills
- Organisational Skills
- Non-verbal communication skills

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr R Birtwhistle [here](#).

Business Studies

Open Option:	Enterprise (Business Studies)
Exam Board:	Edexcel
Qualification:	BTEC Level 1 / 2 Tech Award in Enterprise
Faculty Leader:	Mr R Birtwhistle

What will I study?

The Business course we offer is called the BTEC Tech Award in Enterprise. It is a really 'hands-on', dynamic course where students will learn more about all areas of Business.

Students will study a wide range from all areas of business including Marketing, Finance, Managing People, Starting your own Small Business, Legal Issues and the Economic Environment.

We have chosen to deliver Business Studies through a vocational course so that students are able to develop a range of important skills that they would need for future careers, including leadership, teamwork, decision making and communication.

How will I be assessed?

Component 1 (worth 30% of the final grade): Students will study a wide range of existing small local businesses and understand how they have become successful. They will make-up a coursework portfolio of these examples.

Component 2 (worth 30% of the final grade): Students will look to start their own small business. They will write a business plan and pitch it to investors. They will be assessed on this Plan and Pitch.

Component 3 (worth 40% of the final grade): Students will take a 2 hour exam paper on Marketing and Finance within larger businesses.

Post 16 Progression

Completion of this course will give students a broad understanding of business concepts which would be useful in any Business, Economics, Finance or Travel & Tourism course at College. Beyond this, the real life skills and knowledge which have been developed throughout the course would prepare students for the workplace, in any career area, or if they were looking to start up their own business.

What skills will I develop?

The nature of the course is being specifically offered to help develop a wide range of skills including Team Working, Leadership, Communication, Problem Solving, Decision Making. As well as giving students the opportunity to hone their Entrepreneurial Traits.

Additional Information

Additional information including the exam syllabus can be found [here](#).

If you have any questions please contact Mr R Birtwhistle [here](#).

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Design & Technology

Open Option:	Design and Technology
Exam Board:	AQA
Qualification:	GCSE (9-1) Design and Technology
Faculty Leader:	Mr R Birtwhistle

What will I study?

Design and Technology is a creative subject where we encourage pupils to develop theory and practical skills whilst using a range of mixed media materials, tools, equipment, and techniques.

Within Design Technology pupils will cover elements of: Fabrics, Woods, Plastics, Metals and Papers and Boards. Pupils must learn about elements of all of these materials but will be able to specialise in the materials they feel most confident in and use this within their practical projects and coursework.

Design Technology is a fantastic opportunity for pupils to develop their skills using creative specialisms which will help them in later life and a pathway of career opportunities.

How will I be assessed?

The course is made up of 50% Exam and 50% coursework which is completed during lesson time.

The coursework topic is given at the end of year 10, and allows pupils to pick between three topics the exam board gives them, pupils can then develop a creative folder made up of (Research, Design, Make and Evaluate) which is marked out of 100.

The folder can be completed in the students own style and gives them the freedom and creativity to develop a product they want to make. This is completed in lesson time and will need some independent work

completed either in enhancement time. The coursework folder is designed to show a range of evidence that the pupils build up throughout year 11, developing design ideas and practical work is heavily involved with this.

The exam pupils sit is a Design and Technology paper which features questions linked to a Core and Specialist knowledge as well as and Designing and Making. Pupils are able to answer the exam and complete their coursework linked to their preferred specialism.

Post 16 Progression

Design Technology will allow you to move on to a range of creative and innovative courses within college level. An important element of Design Technology is that it shows you are capable of working with a range of media and materials which show you have transferable skills which can be used in other courses and day to day life.

Courses that you could go into after studying Design and Technology are: A-level, Design Technology, Textiles, Graphics, Engineering, Illustration, Photography, Combined Arts, Fashion Studies. Along with a range of similar BTEC courses.

Additional Information

Additional information including the exam syllabus can be found [here](#). If you have any questions please contact Mr R Birtwhistle [here](#).

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Food Prep & Nutrition



Open Option:	Food Preparation and Nutrition
Exam Board:	AQA
Qualification:	GCSE (9-1) Food Preparation and Nutrition
Faculty Leader:	Mr R Birtwhistle

What will I study and how will I be assessed?

Food Preparation and Nutrition GCSE consists of coursework (report style), practical lessons (learning a range of skills) and a written exam.

We learn about a variety of skills and topics throughout the two year course and then end the GCSE with a 3 hour cookery exam where the students cook 3 dishes, with sides, in 3 hours.

Topics covered are:

- Food Science, skills and provenance
- Food Choice
- Nutrition

The cookery exam itself is assessed internally.

Coursework is made up of two reports, one (NEA1) in September of Year 11 and is based on Food Science. We focus on the behaviour of ingredients and carry out experiments to investigate its characteristics.

The second coursework (NEA2) is in the November of Year 11 and is based on research into a topic, practical skills and preparing for the 3 hour exam. After the coursework is completed we focus on revision for the written exam which is 2 hours long and worth 50% of the overall grade.

Post 16 Progression

- Working in hospitality (customer service, working in hotels/ restaurants/holiday resorts)
- Working in the catering sector (planning menus, cooking meals, preparing food, serving food)
- Food scientist
- Taste tester
- Nutritionist
- Sports Science
- Working in food manufacture

Additional Information

Food GCSE is costly. You will be required to provide ingredients frequently. Those in receipt of FSM will have access to some funding to assist with this.

You will be asked to provide ingredients on a fortnightly basis. You will also have an exam in Year 11 that will need a large volume of ingredients. Organisation is important as you need to plan ahead and weigh and measure ingredients in advance. If you miss a practical lesson then you miss out on a Key Skill.

Additional Information

Additional information including the exam syllabus can be found [here](#). If you have any questions please contact Mrs M Davey [here](#) or Mrs D Howat [here](#).



CRESTWOOD
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