

Pathways

2022-24



Key Dates 2022:

1. **Thursday 10th March**, Pathways Evening, 5-7pm
2. **Thursday 24th March**, Progress Evening, 3:30-6:30pm
3. **Friday 25th March**, pathways final choice sent electronically to students
4. **Monday 28th March**, deadline for submission of options form, 9am.
5. **From 29th March**, best-fit interviews and subject choices confirmed.

Dear Year 9 Student,

Key Stage 4 Pathways

For you as students, this year is a milestone. Until now you have taken the same subjects from year to year and with few exceptions, everyone's timetable looked very much the same.

Next year will be different. You will continue with some of the same subjects known as the Core subjects, but there will now be a range of new courses open to you. You need to consider from these courses, which pathway will help you to make the best of your abilities, whilst moving in the direction you wish to go when you leave school. You therefore need to think carefully about these choices, as the subjects you choose may affect your future. Find out about any subjects which may be required for any particular career you have in mind. Talk to your parents, your teachers, and other experienced adults.

This booklet is designed to help you. Read it carefully and make sure that your parents / carers see it. Inside, you will find course descriptions, an application form and a page which outlines all the subjects which you may choose, arranged in alphabetical order.

Between now and when you will be asked to choose your pathway there will be subject presentations available on the school website. Members of staff including Mr Overton, our post-16 Adviser, will be pleased to talk with you and answer any questions you may have.

On **Thursday 24th March** there is a Year 9 Progress Evening, when you will have time to talk to subject teachers about the progress being made in Year 9, which may be considered when making your choices. This evening is to discuss progress being made rather than the option subject in detail, so please take the opportunity to find out about your choices in advance of this evening by watching subject presentations and contacting the subject teacher separately if you have detailed questions about the course.

You will be sent an online application form, electronically, after the Progress Evening. This will need to be submitted **by 09:00am on Monday 28th March 2021**. We will begin to allocate groups on that day, so you must complete your online form on time, to ensure we can take your choices into account.

Please do not be daunted by this process and seek further guidance if you need any help.

With best wishes.

Dr A Wood
Deputy Headteacher

Mr D Bird
Assistant Headteacher

Key Stage 4 Pathways 2022 – 2024

The next three pages outline vital information – please read it carefully and ask if you are unsure.

The compulsory Core Subjects will be:

1. English (English Language & Literature)
2. Mathematics
3. Science (Combined Science – 2 GCSEs)

Students also study, but are not examined on:

4. Physical Education
5. PSHE

Pathway courses:

These are the courses, in alphabetical order, which students will choose to study alongside the compulsory core:

- Art & Design
- Construction (BTEC)
- Computer Science
- Design & Technology
- Drama
- Food Preparation & Nutrition
- French
- Geography
- Geology
- History
- Music
- Religious Studies
- Science (Triple Science)
- Sport Studies (OCR National)

Students will study four of these subjects, but must choose a first, second, third, fourth, fifth and sixth preference from the list above.

Students must choose a subject only **once** in their six choices

- We aim to allocate the first four choices to as many students as possible.
- We need to work within the constraints of available staffing.
- We need to work within the constraints of available resources.

These are important decisions and students need to think carefully about the courses on offer. Remember the following considerations though:

- If a subject is oversubscribed (too many students who want to do it) current motivation in that subject area may be taken into consideration and we will look at your 5th and 6th choices as well as your range of choices.
- If a subject is under-subscribed (not enough students who want to do it) it will not run, and we will then look at your fifth and six choices to allocate a fourth subject.
- There may be timetable clashes between the subjects you choose, or a course may be full so you may be asked to take one or more of your fifth or sixth preferences.
- We may hold best-fit interviews as part of the process.
- It is therefore particularly important that you also think carefully about your fifth and sixth choices.

Pathways

Most importantly you should consider which combination of courses may set you on track (pathway) for the future you aspire to, whether this be college / university, training, or employment. Be careful not to focus too much on the actual job you think you may do but think about the range of skills you may need and the subjects that will give you the greatest flexibility. You also need to consider the academic nature of the subjects you are choosing and whether or not you should be looking at a more academic route or a more practical route.

NOTE

Btec Construction: This has revised course content in line with reforms to qualifications. Students who follow this course will be required to have a higher level of mathematics and science as a result.

Triple Science: This option is in addition to the two qualifications through the Combined Science course. It is available to all enthusiastic science students. Seek advice from your teacher or Mr Cox if unsure.

Who can I talk to for advice?

- Parents / Guardians
- Older brothers / sisters
- Subject staff / PSHE staff
- Mr Lee Overton (Post 16 adviser)
- Older students in school who are already in Key Stage 4

Points to consider

- Do not base your decisions on which members of staff have been teaching you. Timetabling changes every year and there is no certainty on which staff will be teaching you in Years 10 and 11

- Do not choose a subject just because your friends are. You may end up in a different group and friendships can change! You also learn better when not distracted by friends despite what you think.
- Do not base all your choices on future career plans. Many people change their job throughout their lifetime so think about a broad range of skills from a range of subjects that will serve a working life likely to span 50+ years.
- There aren't many subjects at GCSE that you absolutely must do for a future career in anything, so keep an open mind.
- Listen to your teachers. They know you and although no one can predict how well you will do, if your teacher tells you that you may find their subject a challenge, they no doubt have good reason for saying so.

Information about the courses on offer can be found on the following pages of the booklet and also on the school website. **After the Progress Evening, we will send you a link to an electronic form for you to make your final choices.**

Read the information carefully and start asking questions!

Careers Guidance

'The Government's careers strategy, published on 4th December 2017, sets out a long-term plan to build a world class careers system, that will help young people and adults choose a career that is right for them. This statutory guidance has been updated to expand on the aim set out in the strategy, to make sure that all young people in secondary school get a programme of advice and guidance that is stable, structured, and delivered by individuals with the right skills and experience.

To achieve this aim, the careers strategy sets out that every school and academy providing secondary education should use the Gatsby Charitable Foundation's Benchmarks to develop and improve their careers provision. This statutory guidance has been restructured around the Benchmarks with information on what schools need to do to meet each one. The Gatsby Benchmarks are not a statutory framework but by adopting them, schools can be confident that they are fulfilling their legal duties: the existing duties to secure independent careers guidance and provide opportunities to a range of providers, to inform pupils about technical education qualifications or apprenticeships and the new duty to publish information about the careers programme on the school website.'

Careers guidance and access for education and training providers. Statutory guidance for governing bodies, school leaders and school staff – October 2018.

Our aim is to provide this guidance and specialist support for your child to make informed decisions regarding their career pathway. Using the pathways choices to move towards a more personalised pathway, therefore enabling them to reach their full potential.

This all begins in Year 9 PSHE with 'Making Informed Career Choices'

Students will:

- Meet our Post 16 Personal Adviser.
- Question current Year 11 students, who explain how they chose the subjects they are studying, workload, coursework, exams etc.
- Review and assess their own abilities and interests, reflect on their strengths and weaknesses using 16 personalities skills assessment and the Buzz Quiz
- Receive up-to-date, objective advice and guidance to help them to understand, interpret and gather information to make informed choices about their future.
- Free choice session and subject around clash analysis.
- Learn to navigate the National Careers Service website and use the Start Profile in more in depth for careers investigation.
- Have virtual or real-world encounters with employers and gaining insights to different employment sectors.

In Year 10 they will attend one week's Work Experience during the Summer Term. This is Covid dependent, but we hope to move forward with this for our current Year 9. The aim is to introduce the students to the work environment; they will attend normal working hours, participate as fully as possible in the workplace and keep a diary of their observations. Students will also be introduced to further education establishments with a trip to

Shrewsbury Colleges Group and investigation into apprenticeships with a visit to the annual Apprenticeship Show in Telford and workshops from the National Apprenticeship Service.

In Year 11 decisions need to be made regarding their Post 16 pathway, whether it is Further Education, Training or Employment. They participate in a Post 16 afternoon where they can select presentations from our Post 16 providers.

By Christmas application forms should be completed, mock interviews attended in preparation for college interviews which start in February/March. All students will be interviewed by our Post 16 Personal Adviser to discuss their career and Further Education plans.

With our guidance we hope your son/daughter builds a realistic and positive view of their needs and capabilities so they will be able to make effective learning plans, informed decisions at key transition points, be aware of changing career/ educational opportunities which in turn will support their decision-making process about future learning pathways.

Mr M Longhurst
Assistant Head Teacher

Year 9 Pathways Evening 2022

17.00-17.20 - Introduction and welcome in School Hall: Mr Parr/Dr Wood/Mr Bird/Mr Longhurst

17.30-18.30 - Opportunity to attend 10-minute presentations by subject staff plus Mr Overton, Post 16 Advisor available in the restaurant

18:30-19:00 – Opportunity to ask further questions in the main hall

Room	Starting at 17.30	Starting at 17.45	Starting at 18.00	Starting at 18.15
B10	Art	Art		Art
Y4	Product Design	Construction	Product Design	Construction
R5	Food preparation & Nutrition		Food preparation & Nutrition	Food preparation & Nutrition
B9		Music	Music	Music
B5	Triple Science	Triple Science		Triple Science
B8		Computer Science	Computer Science	
R6	French	French		French
R7		Sport Studies	Sport Studies	Sport Studies
Drama studio	Drama		Drama	Drama
W4	Geography	Geology	Geology	Geography
W6	History		History	History
W5	RE		RE	

Art & Design



What is it worth? 1 GCSE

Why do it? Our aim is for every student to:

- ✓ Enjoy Art & Design
- ✓ Make excellent progress in Art & Design
- ✓ Learn traditional skills and skills for life

What will you do?

Art GCSE is a qualification which will demonstrate your ability to be creative, able to plan, design and communicate visually.

It will benefit you if you are considering a career where visual skill is necessary. (e.g., illustration, graphics, architecture, hairdressing, fashion / textile design, publishing, interior design, theatre design, photography, etc.)

It could also lead naturally on to AS & A2 level Art and beyond that to an Art Foundation course and an Art Degree.

You will follow a broad-based course combining two or more of the following areas of study: fine art (including painting, printmaking, 3D work), textiles, ceramics and glass ware, digital photography and graphic design.

You will be given the opportunity to study and learn from the work of other artists, craftspeople and designers.

From Year 10 you will produce a portfolio of work (60% controlled assessment) and in Year 11 develop your own unit of work based around a theme for the final exam (40%).

Themes for 'controlled assessment' could include:

Body Decoration	Landscape and Printmaking	Still Life	Portraiture
Indonesian Batik	Natural Forms	Human Form	Cultural Identity

What do you need?

Enthusiasm, creativity and determination

Drawing from observation is an important element of the course, and will be included in **all** areas of study. You will be encouraged to show your understanding of composition, perspective, colour line, tone, etc. You will also be asked to investigate and experiment with a variety of different media in the production of Art work.

Other opportunities may include:

A visit London on the 'Arts Trip' (taking in galleries, theatres, Covent Garden and more!)

Visits to other local and national galleries / exhibitions.

Taking part in workshops with visiting artists / craftspeople.

Exhibiting your work at the 'Church Stretton Arts Festival'.

Extending your skills / techniques in 'after-school' workshops

For further details see: Mrs Fletcher-Tyrie or Mr wise

Subject	Exam Board	Internal	Exam Paper
Art	OCR	60% Controlled Assessment	40% Terminal Exam 6 weeks preparation Total 10 hours

BTEC Construction and the built environment



What is BTEC? The BTEC Technical award is a Level 2 qualification equivalent to one GCSE (FROM SEPTEMBER 2022).

Why do it?

- If you want to follow a trade-based career (e.g.: bricklayer, plumber, or carpenter).
- If you want to follow a professional based career (e.g.: architect, civil engineer, or planner).
- There is a balance of practical-based learning and underpinning theory.
- It will help you choose a route into academic study or trade-based training.

What will I do?

You will undertake 3 different components:

- **Component 1: Construction Technology** – understand different forms of building and how they are constructed. You develop knowledge, terminology and processes used in the construction industry. EXAM Externally marked (40%).
- **Component 2: Construction in practice** –Carpentry and Joinery develop knowledge of the principles and techniques, health and safety and produce an independent piece of work. INTERNAL ASSESSMENT with 3 tasks Externally moderated. (30%).
- **Component 3: Construction and design** understand types of construction projects and the design process working to a design brief in response to clients wants and needs whilst considering Construction constraints. (30%).
- Non assessed opportunity to try bricklaying/plumbing/electrical work based on set tasks and hands on learning.

What do you need?

Good practical skills or a desire to develop these
Interest in applying maths and science to the real world
Enthusiasm, determination, and self-motivation to work independently on projects
Sense of humour and ability to work in a team
Be prepared to learn from your mistakes

For further details see Mr Norman

Subject	Exam Board	Internal Assessment	External
BTEC Construction	Edexcel	Practical and theory-controlled assessments 60%	Examination 40%

GCSE Computer Science



What is it worth? 1 GCSE

Why do it?

The 9-1 Computer Science GCSE is a reformed qualification designed to meet the skills gap of tech-savvy experts in the world of computing and technology. They are the drivers of progress in the 21st century where technology meets everyday life at every turn.

What will you do?

This two-year course has components that look at:

- How computers store, process, format and transfer data
- Computer network design and cyber security threats
- Data encryption, algorithms and programming code
- How to design, produce, test, and improve computer programs
- How to read and use binary and logic

Assessment is via two exams sat in the summer: Paper 1 is a written examination and Paper 2 is a practical onscreen assessment. The practical onscreen assessment will require students to design, write, test and refine programs in order to solve problems.

To succeed in this subject, students will need to be:

- Interested in the history of computing, current applications, and future technology concepts
- Curious about how computers and devices work
- Able to create, design and make their ideas reality
- Tenacious in identifying and fixing problems
- Able to think logically, imagine creatively and focus on detail

Subject	Exam Board	Internal	Exam Paper
Computer	Edexcel	0%	50% Written exam

For further details see: Mr M. Cox

Design & Technology



What is it worth? 1 GCSE

Why do it?

- Design & Technology is a really diverse area and can lead into all sorts of careers.
- This might lead into a job in a manufacturing industry or a career in design (graphics/textiles/cad/resistant materials etc) involving Higher Education. It is also excellent preparation for careers in many other fields, for example science-based careers, architecture & building, law/ health & safety, computer sciences.
- There are university degree courses in just about every topic you could imagine from Advertising Design to Yacht Design.
- Design is something that affects all lives whether as a designer or a consumer and is involved in most things that we buy, use, and do.
- The world is filled with products that are designed, marketed, developed, and produced by teams and individuals.

What will you do?

There are 2 assessed units:

1. Designing and Making Practice (50 %) a controlled assessment.
2. Design theory paper (50%)

Students will develop a design idea which has been provided by the exam board AQA. They will be expected to design, manufacture and market a product to shop quality standard.

What do you need?

You will need to show imagination, creativity, inventiveness as well as an ability to work with a wide range of materials. Innovative marketing techniques welcome!!

In product design it is essential that you can communicate your ideas clearly whether in a drawing, a written description or increasingly by using Computer Aided Design (CAD).

For further details see: Mr Norman.

Subject	Exam Board	Internal	Exam Paper
Product Design	AQA	Controlled Assessment (50%)	Theory Exam (50%) 2hrs

Drama



What is it worth? 1 GCSE

Why do it?

- ✓ Drama is a practical and group work-based subject.
- ✓ You will have the opportunity to develop your creativity, imagination, and ability to solve problems as part of a team.
- ✓ You will be able to develop your confidence, presentation, and interpersonal skills.

It is ideal for students who

- ✓ have a good imagination and an interest in working practically and 'on your feet'
- ✓ enjoy expressing themselves in an active and creative way.
- ✓ find it stimulating to share ideas, listen to others and work in groups.
- ✓ have an interest or talent in theatre, drama, and the performing arts.

What will you do?

You will study a range of theatre styles, the works of different playwrights and various ways of making drama. You can choose to be assessed as either a performer (actor) or as a designer (lighting / set / costume / sound) through practical tasks and reflection records / journals. There is a final written exam at the end of the course that focuses on a play set by the exam board. You will have the opportunity to work with well-known plays and to create your own, original drama in a classroom environment that is active, challenging and enjoyable.

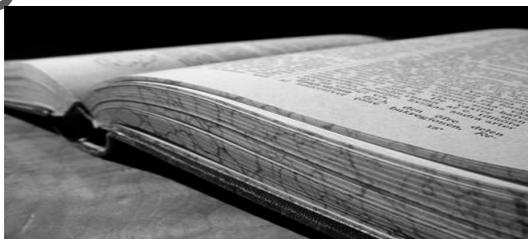
What do you need?

An ability to be responsible for yourself and how you learn
Good group work skills and to be prepared to work with a variety of different students.
A positive attitude towards working practically
Commitment to extending your learning in lunchtime and after-school opportunities.
Enthusiasm for working with others in groups and whole class activities.

For further details see: Mr Wise

Subject	Exam Board	Internal	Exam Paper
Drama	OCR	60% Assessed Practical Tasks	40% Written Exam

English Language/ English Literature



What is it worth?

All students will sit both an English Language and an English Literature course which will count as two separate GCSEs. They will be marked using number grades from 1 – 9 (9 being the top grade). They will also receive an award for Spoken Language. This will be expressed as a distinction, a merit, a pass, or a fail.

Why do it?

- ✓ English Language is a core subject and therefore compulsory. Many Post-16 courses will insist on a Grade 4 in this subject.
- ✓ It is designed to improve student's communication skills in the key areas of Speaking and Listening, Reading, and Writing.
- ✓ By studying these courses, the student will learn more about the world, human nature – and themselves.
- ✓ They will have the opportunity to be creative and have fun too.

What will you do?

The student will be required to study:

- Shakespeare
- A range of poetry on a similar theme
- A Nineteenth Century Novel
- A modern play
- A range of literary and non-literary non-fiction texts/sources.

They will also be required to take part in:

- A Formal Presentation accompanied by questions and answers.

What do you need?

- ✓ Self-motivation, resilience and effective self-evaluation skills.
- ✓ Effective group work skills.
- ✓ Active reading and effective listening skills.
- ✓ A willingness to develop your communication skills orally and through writing.
- ✓ Effective notetaking, organisation and revision skills.
- ✓ A willingness to develop your analytical skills at word, sentence and whole text level.
- ✓ A desire to become the best that you can be!

For further details see: Mr E Balmer

Subject	Exam Board	Exam Paper
English Language	AQA	100%
English Literature	AQA	100%

Food Preparation & Nutrition

Nutrition



What is it worth? 1 GCSE - Grade Range 9-1

Why do it?

AQA GCSE Food Preparation and Nutrition is an exciting and creative course which focuses on practical cooking skills to ensure students develop a thorough understanding of nutrition, food provenance and the working characteristics of food materials. At its heart, this qualification focuses on nurturing students' practical cookery skills to give them a strong understanding of nutrition.

The curriculum for food preparation and nutrition equips students with the knowledge, understanding and skills required to cook and apply the principles of food science, nutrition, and healthy eating. It encourages students to cook and enables them to make informed decisions about a wide range of further learning opportunities and career pathways as well as develop vital life skills that enable them to feed themselves and others affordably and nutritiously, now, and later in life. **Food preparation skills are integrated into five core topics:** Food, nutrition and health, Food science, Food safety, Food choice and Food provenance.

What will you do?

Year 10

Focused design tasks that aim to build up food science subject knowledge and food preparation skills.

Year 11

NEA 1 Food Science investigation.
NEA 2 Food Preparation assessment.
Terminal examination preparation.

How is it assessed?

Component 1 - Food Preparation and Nutrition

Written examination: 1 hour 45 minutes - 100 marks - **50%** of the qualification

Component 2 - Non-examination assessment

NEA 1: Food Science Investigation - 30 marks / **15%** of the qualification

NEA 2: Food Preparation assessment - 70 marks / **35%** of the qualification

(NEA = 100 marks - 50% of the qualification)

MFL French



What is it worth? 1 x GCSE

Why do it?

- ✓ 75% of the world's population do NOT speak English.
- ✓ **A foreign language gives you a competitive edge in the job's market. It is a definite advantage to understand more than one language.** Lots of universities now offer the opportunity to study abroad for part of their degree and some places even demand it at GCSE for certain degrees.
- ✓ People cross continents and language barriers like never before. Technology now enables us to trade on an international level and we need people who can communicate in different languages.

- ✓ We are still part of Europe and need to be able to communicate with our fellow members. We will still need to use European languages whether we are part of the EU (European Union) or not.

What will you do?

1 Listening exam. The Foundation paper is 35 minutes. The Higher paper is 45 minutes.

1 Reading exam. The Foundation paper is 45 minutes. The Higher paper is 60 minutes.

1 Speaking exam. The Foundation exam lasts between 7 – 9 minutes. The Higher exam lasts 10 – 12 mins.

1 Writing exam. The Foundation paper is 1 hour, and the Higher paper is 90 minutes.

All these are done in Year 11 at the end of the course. **YOU MUST SIT THE SAME TIER IN ALL PAPERS**

What do you need?

Communication skills in speaking and writing: The ability to express ideas and thoughts fluently and with a good degree of accuracy is essential not only in your own language, but also when you communicate using a foreign language. You will practise and master the grammar and learn more complex structures to develop your language skills. You will also need to be able to translate into French with accuracy and this skill will be regularly practised.

Listening and reading skills: good listening and reading skills are important when learning a foreign language. You will get lots more practice to improve and develop your ability to listen to, read and understand French.

For further details see: Mrs Proffitt

Subject	Exam Board	Internal	Exam Paper
French	AQA	The speaking exam is conducted in school by your teacher and then sent away to be marked.	Listening 25% Reading 25% Speaking 25% Writing 25%

Geography



What is it worth? 1 GCSE

Why do it?

- ✓ Because it is fascinating, and it is all around you
- ✓ It develops your skills and makes you more employable. Geographers can communicate effectively, draw and interpret maps and graphs, solve problems, and use GIS.
- ✓ Geography can take you directly into careers in the Tourism and Transport business, Civil engineering, Town and country planning and Landscape architecture and many more.
- ✓ Geographers can be in all walks of life, from pilots to lawyers to the TV weathercaster.

What will you do?

Paper 1: 1 hour 30 minutes, **35%** of the GCSE. Includes:

- **Natural hazards:** volcanoes, earthquakes, tropical storms, extreme UK weather and climate change.
- **Ecosystems:** small scale UK ecosystems, tropical rainforests, and cold environments.
- **Physical landscapes in the UK:** coasts and rivers.

Paper 2: 1 hour and 30 minutes, **35%** of the GCSE. Includes:

- **Urban environments:** growth of urbanisation, Rio de Janeiro, and Bristol.
- **Resource management:** global and UK resource management and in-depth study of food.
- **Changing Economic World:** development, Nigeria, and the changing UK economy.

Paper 3: 1 hour and 15 minutes, **30%** of the GCSE. Includes:

- **An issue evaluation** based on pre-release material sent out 12 weeks before the exam.
- **Assessment of fieldwork:** questions based on fieldwork materials from an unfamiliar context and student's individual enquiry work based on two fieldwork trips (details to be confirmed).

What do you need?

We can develop your geographical skills during the course. You need to start with:

- ✓ Lots of curiosity and a real interest in the subject.
- ✓ A willingness to join in and work hard.

For further details see: Mrs Colburn or Mr Elkins.

Geology



What is it worth? 1 GCSE

Why do it?

- ✓ Are you fascinated by the processes which have shaped the physical world around you and what to know more?
- ✓ Geology provides the foundations for understanding the science of 'how the Earth works': its structure, evolution and dynamics, and its mineral and energy resources.
- ✓ In addition, following the course will appreciate that the understanding and application of Earth science is vital to the future quality of life and prosperity of the world's population; from supplying the ever-growing demand for minerals, energy, and water resources to preventing of natural hazards by improved engineering and prediction techniques.

What will you do?

Key Idea 1: Rock exposures contain evidence of how rocks were formed and subsequently deformed

Key Idea 2: Major concepts and techniques underpin our current understanding of the Earth and its history

Key Idea 3: Comparisons of the Earth with other planetary bodies within the Solar System provide evidence for the origin and evolution of both

Key Idea 4: Human interaction with the Earth can increase or reduce risk

How is it examined?

Component 1: Geological Principles On-screen exam: (1 hour 15 minutes 50% of the qualification) Component 2: Investigative Geology Written exam: (1 hour 30 minutes)

What do you need?

- Anyone can choose to study GCSE Geology, but the subject is particularly suitable for those who have an interest in Earth Sciences.
- There are close links to both GCSE Geography and GCSE Chemistry and the subject complements those option choices well.

For further details see: Mr Elkins.

Mathematics

Course Title: GCSE Mathematics

Exam Board: Pearson Edexcel

What is the course like?

The course is designed to provide a strong foundation for further academic and vocational study and for employment, to give pupils the appropriate mathematical skills, knowledge and understanding to help them progress to a full range of courses in further and higher education. This includes A Level mathematics courses as well as A Level and undergraduate courses in other disciplines such as biology, physics, chemistry, geography, and psychology, where the understanding and application of mathematics is crucial.

The aims and objectives of the course is to enable students to:

- Develop fluent knowledge, skills and understanding of mathematical methods and concepts
- Acquire, select, and apply mathematical techniques to solve problems
- Reason mathematically, make deductions and inferences, and draw conclusions
- Comprehend, interpret, and communicate mathematical information in a variety of forms appropriate to the information and context.

What will be studied?

The course will cover topics under the following content sections:

- Number
- Algebra
- Ratio, proportion, and rates of change
- Geometry and measures
- Probability
- Statistics

How is it assessed?

The qualification consists of three equally weighted written examination papers at either foundation tier or higher tier.

- Paper 1: non-calculator assessment
- Paper 2: calculator is allowed
- Paper 3: calculator is allowed

Each paper is 1 hour and 30 minutes long and has 80 marks. The content outlined for each tier will be assessed across all three papers. Each paper has a range of question types; some questions will be set in both mathematical and non-mathematical contexts. Students can take assessments in either the foundation tier (grades 1 to 5) or higher tier (grades 4 to 9).

History



What is it worth? 1 GCSE

Why do it?

- ✓ How else can you make sense of the present unless you have a good understanding of the past?
- ✓ How are you going to participate in the system if you do not know how it works?
- ✓ How will you carry on building up your own set of values without looking at how others have done so in the past?
- ✓ How are you going to change the world if you have not looked at how it got in the state it is in already?
- ✓ History is a great qualification for budding Journalists, lawyers, secretaries, accountants, researchers, businesspeople, managers, police officers to name but a few...

What will you do?

Medicine in Britain, c1250–present and The British sector of the Western Front, 1914–18: injuries, treatment and the trenches; Henry VIII and his ministers; Weimar and Nazi Germany, 1918–39; The American West, c1835–c1895

What do you need?

An interest in History is all that is required to study this subject at GCSE level.

For further details see: Miss Sollars

Subject	Exam Board	
History	Edexcel	Paper One: 1 hour and 15 minutes (30%): Medicine in Britain Paper Two: 1 hour 45 minutes (40%): Henry VIII/The American West Paper three: 1 hour 20 minutes (30%): Germany 1918-39

Music



What is it worth? 1 GCSE

Why do it?

- ✓ Music GCSE builds on the strengths developed at Key Stage 3 in performing, composing, and listening and analysis.
- ✓ You will develop an appreciation of music from other cultures and distinctive styles of music from around the world.
- ✓ You will have the opportunity to create your own music using ICT and live instruments culminating in the recording of your own compositions and performances.
- ✓ If you are studying an instrument already then GCSE Music is the perfect course for you as it allows you to use your chosen instrument for your coursework.

What will you do?

With a mix of performing, composing and developing your understanding of music, the GCSE music course offered produces students with a wide range of skills that can be taken far beyond the reach of the Music Room door. The scheme contains a blend of team work and independence covering all 3 aspects of musical learning. The skills learnt in years 7-9 are a solid foundation for GCSE. They are developed through the creation of new material, refining performance practice and constructing responses to music throughout history, in a variety of styles and from different parts of the world.

What do you need?

You need to be able to play an instrument or sing to approximately grade 2 ABRSM equivalent. You need to be receiving regular lessons on your chosen instrument. These can be arranged through school.

A true interest in, and an enjoyment of all music is a must. This course demands that you practise your instrument regularly and hone your composition skills through independent study.

For further details see: Mr Mould

Subject	Exam Board	Internal	Exam Paper
Music	AQA	30% Composition 30% Performance	40% Terminal Exam Understanding Music

Religious Education



What is it worth? 1 GCSE

Why do it?

- ✓ The issues dealt with in the Christian and Ethics course are real life issues which matter, and Christian teachings.
- ✓ It helps you to understand and appreciate the views, beliefs, and actions of other people.
- ✓ "Take R.E. because it helps you develop personal opinions as you are introduced to intriguing and in-depth topics, and you take part in debates about real life issues."
- ✓ Employers and colleges value the subject as it promotes open minded and informed people who understand others and their beliefs and way of living.
- ✓ "R.E. broadens your understanding of the world and people.... in this job you meet people from a huge range of cultural backgrounds." (*Journalism*)

What will you do?

COMPONENT 1: RELIGIOUS, PHILOSOPHICAL AND ETHICAL ISSUES IN THE MODERN WORLD

RELATIONSHIPS - Roles of men and women, Sex, Marriage, Same sex relationships, alternatives to marriage, adultery and divorce.

LIFE AND DEATH – Creation, Environmental responsibility, Origin and importance of human life compared to animal life, Global citizenship, Sanctity of Life, Abortion, Euthanasia.

GOOD and EVIL – Causes of crime, Punishment including the death penalty.

HUMAN RIGHTS – The Law, Freedom, Prejudice and Discrimination, Wealth and Poverty.

COMPONENT 2: CHRISTIANITY - BELIEFS AND PRACTICE

COMPONENT 2: JUDAISM – BELIEFS AND PRACTICE

What do you need?

A willingness to explore and reflect on ethical, spiritual and philosophical issues.

Be prepared to engage in discussion, presenting your own points of view and acknowledging those of others.

For further details see: Mr P Wright

Subject	Exam Board	Internal	Exam Paper
Religious Studies	Eduqas	None	3 exams: Component 1, 50% 2 hr Component 2 25% 1 hr Component 3 25% 1 hr

Science



What is it worth?

Course	What qualifications do I get
Separate Science	3 x GCSEs (Biology, Chemistry and Physics)
Combined Science	2 x GCSEs (Combined Science)

Why do it?

- ✓ Ever wondered how life began? Or how genetic engineering can prolong our lives or maybe you were simply curious as to how suntan lotion works or how plastic can be made from oil? Studying science will broaden your understanding of the world around us whilst teaching you how to apply logic and reason to solve a problem, analyse data or make judgements about information and reports in the media.
- ✓ The skills gained in studying science are needed in a range of jobs, as diverse as a Beauty Therapist to an Astronaut. Science is useful for the majority of careers - studying Science will widen options later in life, not narrow them down.

What will you do?

Students opt to study Separate Science or will study Combined Science. All courses involve the study of biology, chemistry and physics. Separate Science is particularly suitable for students wishing to study Science to a higher level.

What do you need?

Students not opting for Separate Science will study Combined Science - this course still requires a willingness to work hard. Separate Science tackles each of biology, chemistry and physics in more depth, and 40 - 50% more hours are devoted to Separate Science to enable this. Separate Science thus requires a higher level of commitment than the Combined Science course - but provides the best foundation for post-16 Science study.

For further details see: Mr M Cox

Subject	Ex:	Exam Papers
Combined Science (2 GCSEs)	Edexcel	100% Terminal exams 6 x 70-minute, 60-mark papers
Separate Science (3 GCSEs)	Edexcel	100% Terminal exams 6 x 105-minute, 100-mark papers

Sport Studies



What is it worth? 1 GCSE

Why do it?

- ✓ This course encourages students to develop their understanding of the study of sport alongside developing skills in a variety of sports, leadership, and evaluation of the skills.
- ✓ Students study contemporary topics affecting sport, play and lead sporting activities, as well as having the chance to either explore the world of outdoor sport or the media.

What will you do?

Students will learn about a range of topical and contemporary issues in sport, relating to participation levels and barriers, the role of national governing bodies and how technology is used within sport. They will learn how to develop their skills as both a performer, in two different sporting activities, and as a leader in one activity. Students will work both independently and as part of a team, including communicating with team mates as well as being in front of an audience when they perform. They will perform under pressure, both as a participant and as a leader, and will use their initiative to solve problems and make decisions. They will also deal with rapidly changing conditions and situations.

What do you need?

- A positive attitude towards sport and practical work
- A willingness to be involved in **every** lesson, regardless of the sport
- To keep a well organised theory folder, and be motivated to work consistently and independently to reach deadlines for the requirements of the qualification
- To always bring the correct PE Kit!

For further details see: Mr Barham

Subject	Exam Board	Internal	External
OCR Cambridge National in Sport Studies Level 1 and 2 J829	OCR	60% Centre Assessed Tasks	40% Written Examination

Notes: