

fortismere

Year 9 Options Evening

2024

Deadline

Midday on Monday 19th February, 2024.

Options Timeline

Things we have already done...

Date	Time	Location	Action
Thursday 21/12/23	PM	Online	Options booklet available on website click
Monday 15/1/24	Tutor Time	Tutor Rooms	Tutor time dedicated to videos from subjects on-line, all week.
Wednesday 10/01/24	Tutor Time & Period 5	Music Concert Hall	Assembly 1 - Introduction to Options <ul style="list-style-type: none"> • Timeline- ICU • What and How- DBA • Sixth Form - DRO
Thursday 18/1/24	Tutor Time & Period 5	Music Concert Hall	Tutor Time/Period 1 Assemblies Tutor time and Period 5 HOD subject talks Options presentations from new subjects: <ol style="list-style-type: none"> 1. Health and Social Care [JAR] 2. Sociology 3. Business Studies [MRE] 4. Economics 5. Music Technology [EJE] 6. Music 7. Media Studies [PHE] 8. Photography [MPO] 9. Art 10. Geography 11. Religious Studies 12. Science

**Friday
19/1/2024**

Tutor Time
&
Period 5

Music
Concert Hall

1. History [LHI]
2. Sports Studies [MHA]
3. GCSE PE
4. Creative Media Production [MYA]
5. Computing
6. Modern Languages [PRA]
7. Drama [LOV]
8. DT Product Design [DLI]
9. Engineering [DLI]
10. Textiles [DLI]
11. Hospitality and Catering [DLI]

Things still to come...

Wednesday 24/01/24	Evening Event 5-6.30	North Wing Hall	Options Evening – 5.00-6.30
Monday 29/1/24	Science Exam Period 1 [MFL, PE] +2 [PE, DT, Linear] 75 minutes South Wing Hall, South Wing Gym & S12		
Monday 5/2/24	Science data released to parents via SIMS Online		
	Options forms go live ONLINE		
Tuesday 6/02/24	All Day	In School or Online	Career Guidance Meetings – Morning online appointments, afternoon in person. Appointments confirmed in January. 10 minute appointments for all students To be led by tutors, LINC, HOY, DHOY, SLT

DEADLINE FOR OPTIONS FORMS
Midday on Monday 19/02/24

Mr Barsby

What happens in Key Stage 4?

Key Stage 4 is the time at school where students study for and take their Level 2 qualifications.

This includes the following qualifications

- GCSE
 - BTEC and
 - NCFE
-
- Key Stage 4 is a critical time of a young person's life where they start to take important steps towards the career of their choice.
 - Students have a greater responsibility to work hard and perform in their subjects.

Level 2 Courses

- In recent times the Department for Education have brought the difficulty of all qualifications in line.
- Meaning that all types of course are now worth the same as each other. [GCSE, BTEC, NCFE].
- In doing this they have also made them all more challenging.

Level 2 Courses have become more challenging!

- Specification content has become more challenging and also there is more of it
- Old Level 3 content is now in Level 2 Courses
- The assessments are more rigorous
- Greater Percentage of Final Grade placed on final examinations
- Highest ever percentage awarded for SPaG

How are the courses different from each other?

Mainly through Assessment Method

Most GCSE's

- Largely Exam based
- With final assessments sat at the end of Year 11

Some GCSE's

Use NEA's and an exam
[Drama, PE, DT, Engineering]

Art and Photography use a portfolio of work

BTEC/NCFE

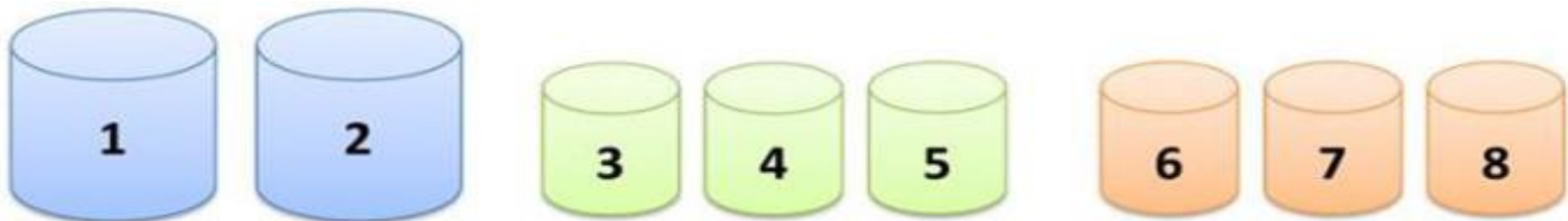
Both of the above style of courses contain a smaller exam with more emphasis on the NEA.

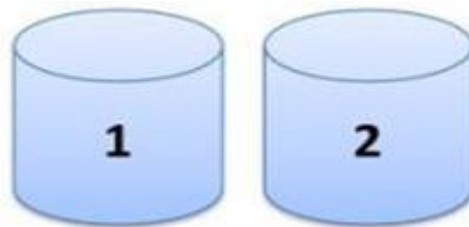
These includes:

Music Tech, Hospitality & Catering, Health and SC, CMP

Selecting your Options

Achieving the English Baccalaureate





English
Double-weighted*

Maths
Double-weighted

**Higher score of English Language or English Literature double-weighted if a student has taken both qualifications*



EBacc qualifications
(sciences, computer science, geography, history and languages)



'Open group'
Remaining EBacc qualifications and other approved qualifications
(GCSEs and other approved academic, arts or vocational qualifications)

Section 1

- English
- Double weighted
- Maths
- double-weighted

Section 2

- **Three** EBacc qualifications
- Sciences
- Computer science
- Geography
- History or
- Languages

Section 3

- **Three** "other" slots
- Any remaining Ebacc qualifications
- Other approved academic, arts or vocational qualifications
- Also the English that is not used in Bucket 1

English Baccalaureate

The EBacc is a set of subjects at GCSE that keeps young people's options open for further study and future careers.

The EBacc consists of:

- English Language and Literature
- Maths
- the Sciences
- Geography or History

It is not a qualification in its own right, it's a combination of GCSE subjects, including a language, that offer an important range of knowledge and skills to young people.

The Ebacc continued...

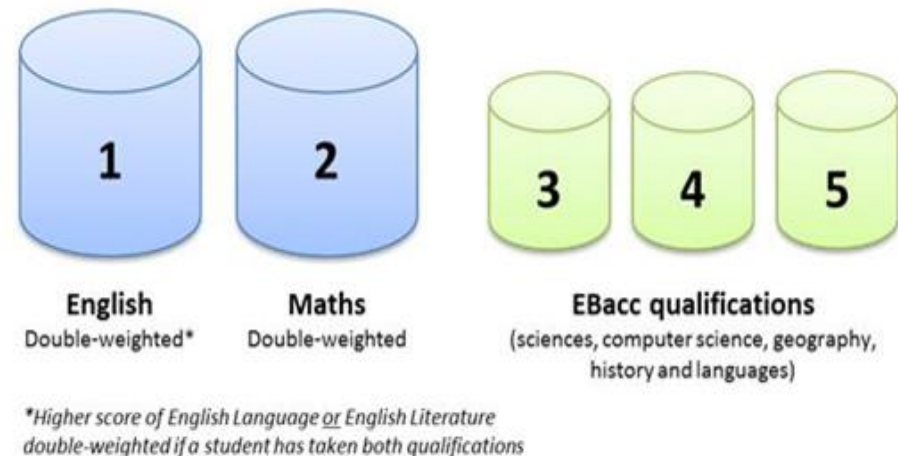
The *English Baccalaureate* is not a qualification; it is a performance measure for schools.

However, by taking the subjects outlined in the English Baccalaureate, you will be giving yourself the best options and opportunities for further education, by ensuring you have the broad base of core academic subjects that universities and colleges prefer.

How to fill the buckets 'at Fortismere'

Compulsory Subjects at Key Stage 4?

- The 'Core Subjects' are the subjects that all students across the country study in Key Stage 4. The core subjects are:
- English Literature
- English Language
- Mathematics
- Separate or Combined Science



- Students also participate in PSHE/PRE and Core Physical Education, but they are not assessed nationally in this.

Option Subjects

Humanities

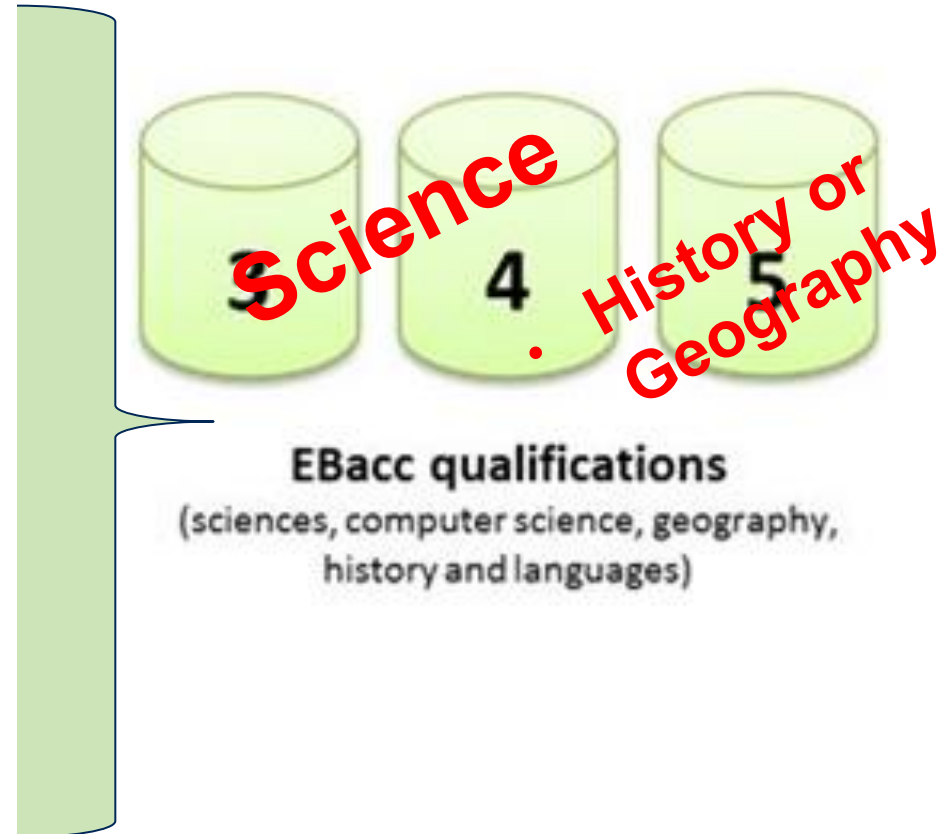
- History or Geography

Modern Foreign Languages

- Spanish, French, Mandarin
[+MEP]

Sciences

Computer Science



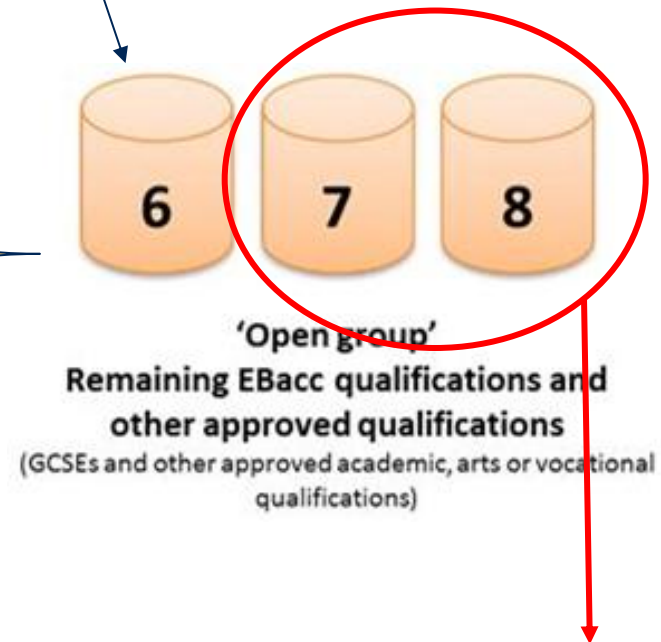
Modern Language?

fortismere

Open 'Bucket'

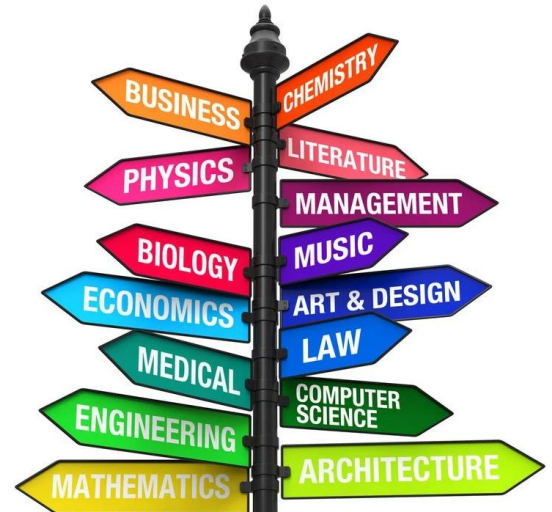
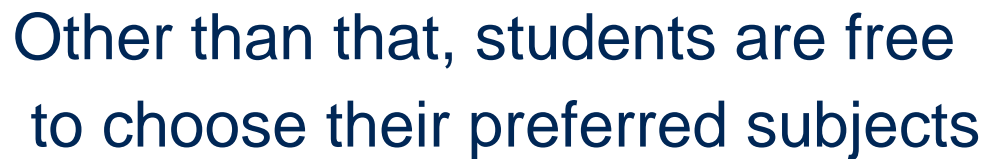
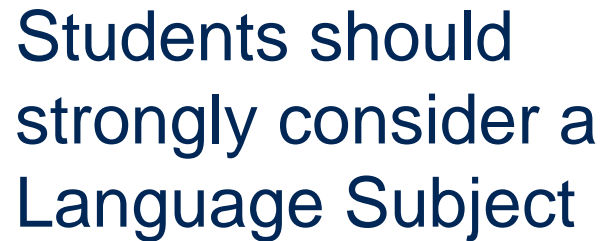
Art and Design (Fine Art)	BTEC: Health and Social Care
Photography	BTEC: Creative Media Production
Drama	BTEC: Sports Studies
MED	GCSE: Physical Education
Media Studies	DT: Product Design
Economics	DT: Engineering
Religious Studies	DT: Textiles
Sociology	DT: Hospitality and Catering
GCSE: Music	Business
BTEC: Music Technology	ASDAN CoPE

History, Geography, Science
can all count in here when
buckets 3,4,5 are already full



These two will be taken care of by the last 2 Options and the lowest scoring English grade

Students involved in the LINC Options will be approached by LINC in advance of the Options Process/Deadline



New Subjects

- ASDAN
- Business
- Creative Media Production
- Computing
- Economics
- Engineering
- Health and Social Care
- Hospitality and Catering
- Media Studies
- Music Technology
- Photography
- GCSE Physical Education
- Product Design
- Religious Studies
- BTEC Sport
- Sociology
- Textiles



ASDAN, EHCP Support, Additional English & MEB [N16]

- Both of these courses support students who may find ten courses more challenging.
- They stand for:
 - Maths English Booster
 - ASDAN Personal Effectiveness
- Selected students will be contacted personally about either or both of these courses.
- These courses replace an 'Option'.
- If selected for these courses they are more of a 'direction' than an 'Option'.
- You will be contacted in the coming days regarding these courses.



Mandarin Excellence Programme

- Students already on the programme who went through the rigorous selection process in Year 7 are required to **select** the **MEP** as an **option**, in the **top 4!**
- This is part of the five year programme of study previously selected in Year 7.

Subject Combinations

Things you **CANNOT** do:

- Textiles and Product Design
- GCSE PE and BTEC Sport
- Art and Photography

Things you **CAN** do

- Geography and History
- Music and Music Technology
- Business and Economics

Things you **SHOULDN'T** do:

- Engineering and Product Design
- Computing and CMP

TOP TIPS FOR PICKING YOUR OPTIONS

How to make decisions on which course to take?

- What subjects do you enjoy?
- What does the mix of subjects look like?
Think about your timetable!
- What subjects are you doing well in?
- What Career Path would you like to follow?
- What University Course do you want to do?
- What College Course do you want to do?



Do **not** pick a subject because ...

- You like a teacher.
- Your friends are picking it.
- You think it will be easy.



In school support

- Tutors
- Subject teachers, especially subjects they haven't studied.
- All students in Year 9 will meet with their tutor in form time to discuss their options.
- Options Videos
- School careers advisor Ms A Andreou
- Careers Meeting on Tuesday 6th February
- Parents and students will be able to book a meeting with Form Tutors [or another assigned teacher] during the day to discuss Options, receive guidance and populate draft version of form.

Submitting your Options

The deadline for this is

Midday on Monday 19th February, 2024.

Students will need to select **six** subjects from the list.

The selections should be in rank order.

- 1 should be your absolute favourite subject
- 2 should be your second favourite subject
- 3 should be your third favourite subject
- 4 should be your fourth favourite subject

Number 5 and 6 should also be genuine contenders [these are entered a R and S in the system, Reserve and Second Reserve]

This is not on a first come, first served basis.

School Website

[HOME](#) [OUR SCHOOL](#) [NEWS AND EVENTS](#) [SECONDARY TRANSITION](#) [CURRICULUM](#) [SIXTH FORM](#)

THE RECOVERY
CURRICULUM

ASSESSMENT,
STUDY SKILLS
AND REVISION

INCLUSION LINC

EMOTIONAL
SUPPORT FOR
STUDENTS:
PLACE2BE

EXTRA-
CURRICULAR

DEPARTMENTS

THE OPTIONS
PROCESS (YR9
INTO YR10)

RELATIONSHIP
AND SEX
EDUCATION

LIBRARY

THE OPTIONS PROCESS (YR9 INTO YR10)

CHOOSING OPTIONS

In Key Stage 4 students study up to 10 GCSEs, depending on their ability. The varied options system allows for the study of three separate sciences, as well as two languages and a range of courses, including vocational options. We have produced lots of information to help parents/carers and students make decisions about their Options. On this page you will find:

+ Options Timeline

+ Options Booklet

+ Department Option Videos

+ Submit Your Options

+ Additional Information

+ Careers Education, Information, Advice and Guidance (CEIAG)

+ Important Names

Options Submission via TOOLS

- Students will receive an email from **studentoptions@fortismere.org.uk**
- This email contains the students username and

THE OPTIONS PROCESS (YR9 INTO YR10)

[Submit Your Options](#)

CHOOSING OPTIONS

In Key Stage 4 students study up to 10 GCSEs, depending on their ability. The varied options system allows for the study of three separate sciences, as well as two languages and a range of courses, including vocational options. We have produced lots of information to help parents/carers and students make decisions about their Options. On this page you will find:

+ Options Timeline

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+ Department Option Videos

+ **Submit Your Options**

+ Additional Information

+ Careers Education, Information, Advice and Guidance (CEIAG)

+ Important Names

Students will be emailed their username and password to their Fortismere School email address. This will go live on 1st February 2023 after the guidance meetings.

T.O.O.L.S
TimeTabler Options On-Line System

[Click this link to access the options website](#)

Students need to submit six options in order of preference.

Collecting Student Choices On-line

Please enter your details:

Username:

Password:

Submit

Step 1 of 2

[Start](#) > Free choice (with reserves) > Confirmation

Please enter your 4 choices by entering 1, 2, 3, etc. in the box by your chosen subjects.

To mark your Reserve choice, put 'R' by that subject.

To mark your Second reserve choice, put 'S' by that subject.

Subject	Choice
Art and Design (ART)	<input type="text"/>
ASDAN (ASD)	<input type="text"/>
Business (BUS)	<input type="text"/>
Creative Media (CMP)	<input type="text"/>
Computer Sc* (COM)	<input type="text"/>
Drama (DRA)	<input type="text"/>
D&T Engineering (DTE)	<input type="text"/>
Hosp & Catering (DTH)	<input type="text"/>
D&T Product Des (DTP)	<input type="text"/>
D&T Textiles (DTT)	<input type="text"/>
Economics (ECO)	<input type="text"/>
French* (FRE)	<input type="text"/>
Geography* (GEO)	<input type="text"/>
GCSE PE (GPE)	<input type="text"/>
History* (HIS)	<input type="text"/>
Health& Social (HSC)	<input type="text"/>
Mandarin* (MAN)	<input type="text"/>
LINC MEB (MEB)	<input type="text"/>
Media Studies (MED)	<input type="text"/>
Mandarin EP* (MEP)	<input type="text"/>
Music Tech BTEC (MTE)	<input type="text"/>
Music (MUS)	<input type="text"/>
Photography (PHO)	<input type="text"/>
Sociology (SOC)	<input type="text"/>
Spanish* (SPA)	<input type="text"/>

- **Students enter their top 4 choices** by entering 1, 2, 3 or 4 in the box by the chosen subjects.
- **To mark the Reserve choice,** put 'R'
- **To mark your Second reserve choice,** put 'S'.
- All must be completed
- Click Submit to enter

Assigning Subjects

After the deadline specialised software assigns students to subjects according to their preferences and the restrictions placed upon it by the whole school timetable.

Once this has happened the final model is tested against the school timetable requirements.

After all this has taken place we share the information with students and parents, this is usually in May/June.

Moving subjects after the deadline is tricky, so please make sure they are correct before submitting

School Cloud – Careers Meeting 6/2/2024

<https://fortismere.schoolcloud.co.uk/>

Fortismere School

Fortismere_SchoolCloud

Welcome to the Fortismere School parents' evening booking system. Appointments can be amended via a link from the email confirmation - please ensure your email address is correct.

Your Details

Title

▼

First Name

Surname

Email

Confirm Email

Student's Details

First Name

Surname

Date of Birth

1 ▼

January ▼

2010 ▼

Log In

- Same software as Parents Evenings
- When you log in you will have an assigned teacher to book your appointment with.
- There is one teacher for every student.
- Log in and book your appointment.
- There is no school for Year 9 on this day, just the one compulsory meeting.

unifrog


- Unifrog provides a one-stop-shop where students can explore their interests, then find and successfully apply for their best next-step after school.
- Unifrog is aimed at all students from Year 7-13.
- Students have all been sent a login email from Unifrog.
- Students should follow the link to enter
- Here is a [link](#) to a video (3 mins) explaining Unifrog!

Unifrog Subjects library

Each subject profile will have all the information you need to see whether it is right for you.

- Interviews with university students studying that subject
- An explanation of the subject
- How to get into that subject at a UK university
- Example personal statements
- Recommended reading, watching, and listening

Japanese and Japanese studies



Maria Minchenko
Japanese (BA)
University of Oxford

unifrog

- + Story
- + In a nutshell
- + Getting in
- + Statement
- + Reference
- + Geek out
- + Recommendations: Read
- + Recommendations: Watch
- + Recommendations: Listen
- + Explore

Future Skills Questionnaire [FSQ]

All students have been sent a link [today] to the FSQ.

The Future Skills Questionnaire gives learners the opportunity to reflect on their career-related knowledge and skills.

The FSQ covers careers knowledge and skills and skills for life and work, with versions tailored for key transition points throughout secondary education.

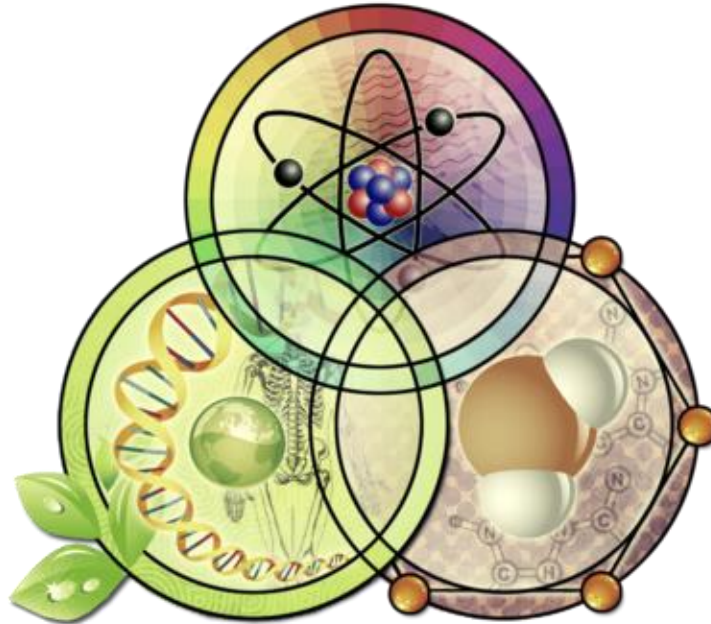
The data collected will assist the school in providing CEAIG for all students

Please complete this asap but before 9th February 2024

Deadline

**Midday on
Monday 19th
February, 2024.**

Science GCSE Pathways: GCSEs in Separate Sciences GCSE Combined Science



**Mr. Hann
Head of Science**

Science GCSE Pathways: GCSEs in Separate Sciences GCSE Combined Science

- Two pathways: Separate Sciences and Combined Science
- 4 courses:
 - GCSE Biology
 - GCSE Chemistry
 - GCSE Physics
 - GCSE Combined Science
- Expanded access to separate sciences (“Triple”)

Science GCSE Pathways: GCSEs in Separate Sciences GCSE Combined Science

- Increasing choice in GCSE curriculum
- Listened to parents and students about access to the course
- Increased teaching time will allow a wider range of prior attainment

Two pathways through GCSE Science

GCSE in Separate Sciences

- Separate single grade awarded per subject
 - Biology (8461)
 - Chemistry (8462)
 - Physics (8463)

GCSE Combined Science (8464)

- Double grade award for Combined Science and worth 2 GCSEs

Two pathways through GCSE Science

GCSE in Separate Sciences (8461;8462;8463)

- Students study, and are assessed on, more content than GCSE Combined Science and receive separate grades in Biology, Chemistry and Physics.
- Stretches students across a wider breadth of topic areas and will suit those who thrive on challenge or enjoy science
- Still considered a demanding course so unfortunately not a suitable course for some students

Two pathways through GCSE Science

GCSE Combined Science (8464)

- Designed to ensure that students attain a good level knowledge in science which will support access to other subjects eg. psychology
- For many schools it is the principal curriculum offer for the majority of their students.
- Supports those students who have previously found Science difficult, as well as challenging those who wish to take their science studies to a higher level.

Two pathways through GCSE Science

- Separate Sciences is now an option block choice
- Previously students had no choice up to 70% were not able to do it.
- This year we will open the CHOICE to far more students.
- We expect science to be oversubscribed:
 - If you want to do sciences then you need to put us near the top of your options list.

The background of the slide is a deep space image. The upper half shows a dark blue sky filled with numerous stars of varying brightness, some with prominent diffraction spikes. The lower half features a large, glowing nebula with intricate, filamentary structures in shades of orange, red, and brown. A white rectangular box is centered over the image, containing the text.

**“WHY CHOOSE TRIPLE
AWARD?”**



**STUDY SCIENCE THAT THE REGULAR
COMBINED DOESN'T COVER...**

...THE REALLY GOOD STUFF!

Two pathways through GCSE Science

Why choose separate sciences:

- Go further with the REALLY interesting bits!
- More outside speakers, competitions and visits
 - Science 4 Schools experimentation competition
 - Physics Olympiad Junior and Intermediate Challenges
 - Biology Olympiad Challenge
- Be better prepared for A Level!
- Extensive 'wraparound' support with homework clubs

Two pathways through GCSE Science

Choosing Separate Sciences benefits students:

- Who have aspirations to study a science at A-level or aspire to a future career related to the sciences.
 - medicine; engineering; psychology; computer science; astrophysics; geology).
- Who just really like science and want to learn about topics not covered in the standard National Curriculum
 - for example, space and The Universe; cloning.
- Better preparation for studying a science A-level.
- More likely to get higher grades in A-level sciences.
- Gives extra teaching time for practical work and to explore the ideas that explain our lives.

Two pathways through GCSE Science

Choosing Separate Sciences benefits students:

- The question you may want to ask yourself is:
‘Do I enjoy science?’
- If you do enjoy science and are prepared to put the effort in then it is a fantastic course that will make you a better scientist and a better all-round student.

GCSE Biology

Cell biology
Organisation
Infection and response
Bioenergetics
Homeostasis and response
Inheritance, variation and evolution
Ecology

GCSE Chemistry

Atomic structure and the periodic table
Bonding, structure, and the properties of matter
Quantitative chemistry
Chemical changes
Energy changes
The rate and extent of chemical change
Organic chemistry
Chemical analysis
Chemistry of the atmosphere

GCSE Physics

Energy
Electricity
Particle model of matter
Atomic structure
Forces
Waves
Magnetism and electromagnetism
Space physics

fortismere | What you will study (Combined)

GCSE Combined Science (2 GCSEs)

Biology

Cell biology
Organisation
Infection and response
Bioenergetics
Homeostasis and response
Inheritance, variation and evolution
Ecology

Chemistry

Atomic structure and the periodic table
Bonding, structure, and the properties of matter
Quantitative chemistry
Chemical changes
Energy changes
The rate and extent of chemical change
Organic chemistry
Chemical analysis
Chemistry of the atmosphere

Physics

Energy
Electricity
Particle model of matter
Atomic structure
Forces
Waves
Magnetism and electromagnetism

Biology

Microscopy
Microbiology (SS)
Osmosis
Food Tests
Enzymes
Photosynthesis
Reaction time
Plant responses (SS)
Field Investigations
Decay (SS)

Chemistry

Making salts
Neutralisation (SS)
Electrolysis
Temperature
Changes
Rates of Reaction
Chromatography
Identifying ions (SS)
Water purification

Physics

Specific Heat Capacity
Thermal Insulation (SS)
Resistance
I-V characteristics
Density
Force & Extension
Acceleration
Waves
Light refraction (SS)
IR Radiation & Absorption

What you will study (school website [link](#))

HOME

OUR SCHOOL

NEWS AND EVENTS

CURRICULUM

PASTORAL

SIXTH FORM

There are two possible routes that you will follow for your GCSE course in Science. You will either follow the Combined Science Trilogy course or the Separate Sciences route. If you are on the Separate Science route you will study towards a separate GCSE in Biology, Chemistry and Physics, meaning you will have three science GCSEs at the end of year 11. For Combined Science Trilogy you will study towards a qualification worth two GCSE grades, which will cover Biology, Chemistry and Physics content. No decision is made by the Science Department regarding the pathway a student follows until the end of Year 9. All students in Year 9 study the same topics..



KS4 SEPERATE SCIENCES CURRICULUM



KS4 COMBINED SCIENCE TRILOGY CURRICULUM



KS5 CURRICULUM



Extra Curricular

Structure of Exams - Separate Sciences

GCSE Biology (8461); GCSE Chemistry (8462); GCSE Physics (8463)

- 6 papers (2 biology, 2 chemistry and 2 physics, leading to 3 separate GCSEs)
- Each 1 hour 45 minutes
- Each paper is worth 50% of the GCSE
- 100 marks on each paper

All papers

- Contains multiple choice questions, structured questions, closed short answers questions and open long response questions
- 15% based on required practical's
- Maths requirement vary by subject
 - 10% of the marks in biology, 20% of the marks in chemistry and 30% of the marks in physics.

Structure of Exams - Combined Science

GCSE Combined Science (8464)

- 6 papers (2 Biology; 2 Chemistry; 2 Physics)
- Each 1 hour 15 minutes long
- 70 marks per paper
- Grade determined by total marks awarded across all 6 papers
 - Higher Tier: Grades 9/9-4/4
 - Foundation Tier: Grades 5/5-1/1

All papers

- Contains multiple choice questions, structured questions, closed short answers questions and open long response questions
- 15% based on required practical's
- Maths requirement vary by subject
 - 10% of the marks in biology, 20% of the marks in chemistry and 30% of the marks in physics.

Support outside the lesson

- For the last 6 years Science has had dedicated Biology, Chemistry and Physics homework clubs that are 'drop in'.
- Where and when (currently):
 - Biology: Mondays in Lab 5 after school
 - Chemistry: Friday lunchtimes in Lab 2
 - Physics: Tuesdays in Lab 10 after school
- For students who struggle to get time online at home (eg. shared laptops and mobile devices) we have class sets of Chromebooks available at the sessions to use the online resources we recommend.
- Twice a year: short series of 'by invitation' revision clubs.

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Support outside the lesson



Google Drive

Physics Trilogy - Google Drive

drive.google.com/drive/folders/18Mtg565zYuvsvCmFphTph3Ugh2W2NxLZ

Apps Cloud School - Int... Fortismere Drive -... G Suite Simulations Resources Classroom Outlook Web App Fortismere - Home Imported

Drive Search in Drive

My Drive > ... > GCSE Combined Science Trilogy > Physics Trilogy

Name	Owner	Last modified	File size
1 Checklists	me	Feb 27, 2018 me	—
2 Revision Sheets	me	Feb 27, 2018 me	—
3 Questions and Skills	me	Feb 27, 2018 me	—
4 Extended Answer Questions	me	Feb 27, 2018 me	—
5 Specimen Papers	me	Feb 27, 2018 me	—
6 Exam Questions per topic	me	Feb 27, 2018 me	—
8 Maths Skills	me	Feb 27, 2018 me	—
9 Physics Formulae	me	Feb 27, 2018 me	—

New

Priority

My Drive

Shared drives

Shared with me

Recent

Starred

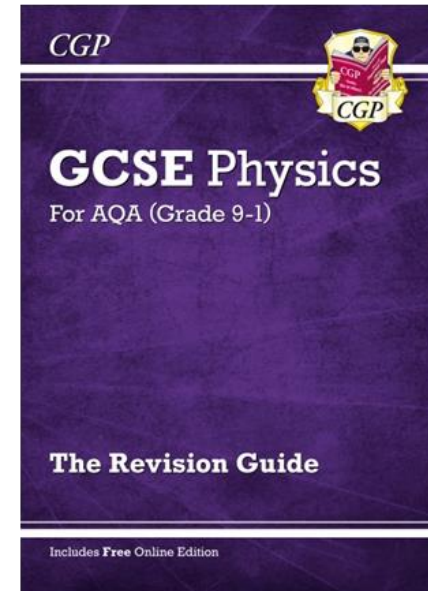
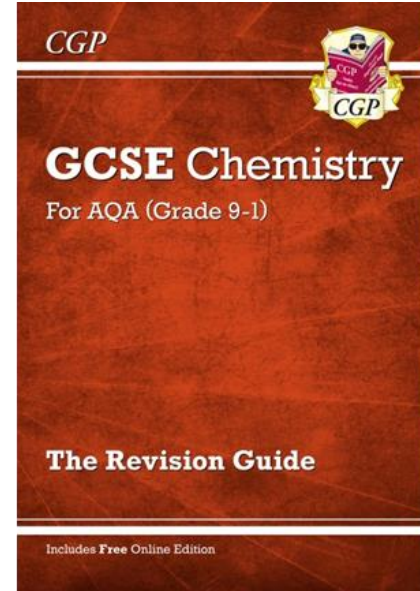
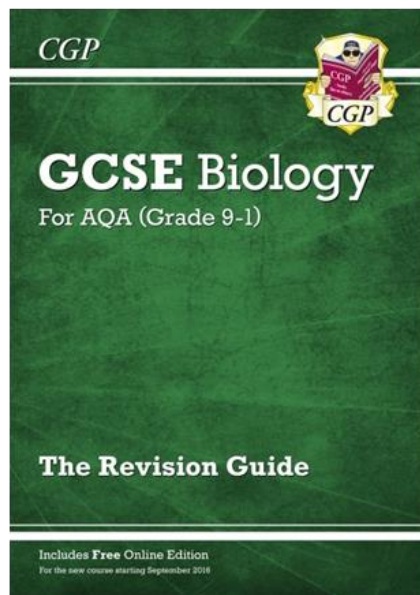
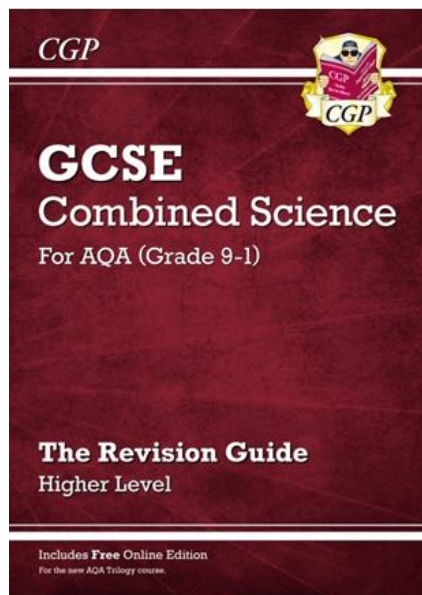
Trash

Storage

16.6 GB used

Support outside the lesson

- Revision guides: most students prefer CGP
- The best guide is the one the student will actually use.
- There are course specific guides available from OUP that compliment our textbook.



Two pathways through GCSE Science

- Separate Sciences is now an option block choice.
- Both courses prepare students to potentially study A Levels in the sciences.
- Access is wider this year.
- The most significant source of evidence is the Year 9 January exam.
- All students in Year 9 are studying the same topics.

Preparing for the Year 9 Assessment

- The assessment is the most significant evidence used by the department when deciding
 - GCSE pathway advice
 - Organisation and structure of teaching sets
- All three sciences (Biology; Chemistry and Physics) will be assessed in the same 75 minute examination.
- The examination will cover only content related to Y9 teaching so far.

29TH JANUARY

Preparing for the Year 9 Assessment

The message we always tell our students is:

“All we expect from you is that you work hard and do your best.”

We would like to thank you in advance for your support reinforcing this message.

Where to find links to resources?

- Posted in every Google Classroom before the assessment is a document containing useful revision links.
 - Year 9 Revision Resources
- Students should use the ones that they personally find most accessible.

Year 9 Science Options Assessment Revision Information And Resources

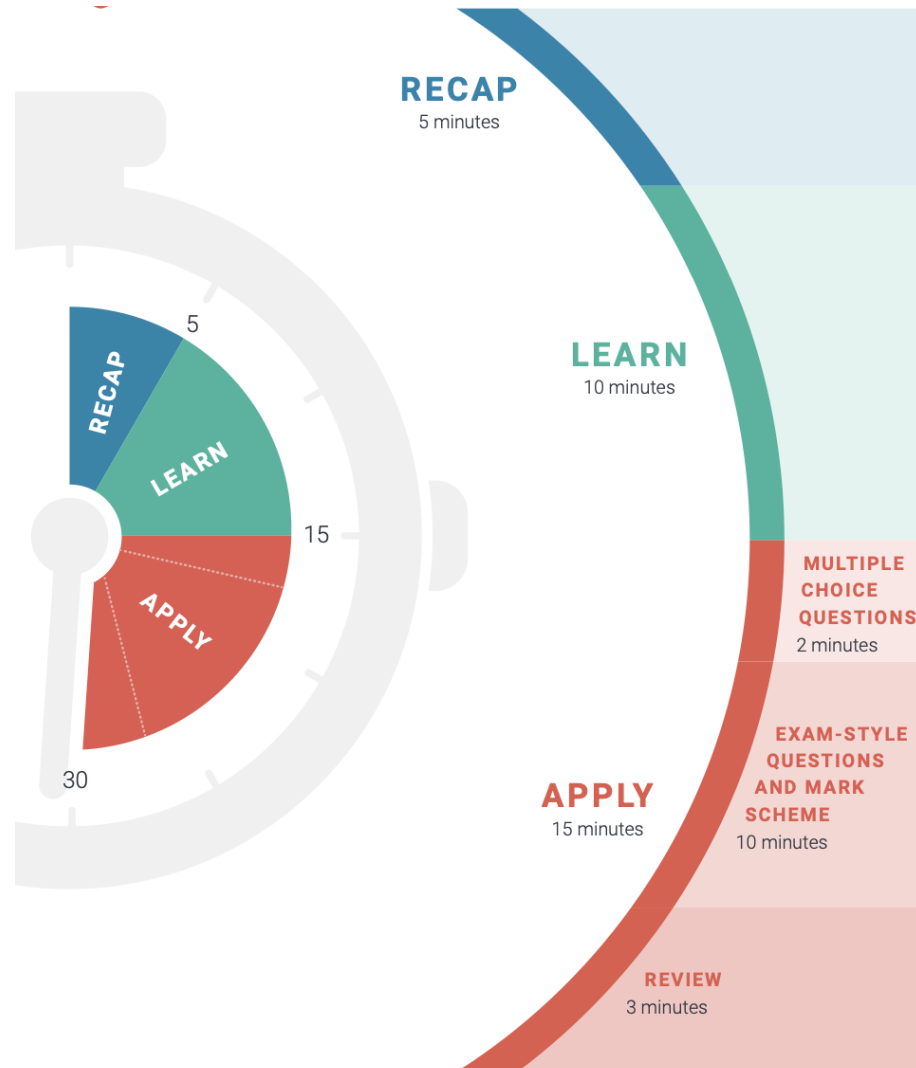
Biology	Chemistry	Physics
B1 Cell structure and transport <u>Kerboodle book & chapter</u> Biology for Combined Sciences: Trilogy B1 Cell structure and transport	C1 Atomic structure <u>Kerboodle book & chapter</u> Chemistry for Combined Sciences: Trilogy C1 Atomic Structure	P1 Conservation and dissipation of energy <u>Kerboodle book & chapter</u> Physics for Combined Sciences: Trilogy P1 Conservation and dissipation of energy
How it's assessed Written exam: 1 hour 15 minutes 75 marks (27 Biology; 25 Chemistry; 23 Physics) Link to copies of Knowledge Checklists from school website		
Revision resource	Website(s)	How do I login?
Kerboodle interactive textbook & digital resources	https://www.kerboodle.com	Username: school username e.g. jsmith1.309 Password: (First login) school username e.g. jsmith1.309 Code - phm6 Forgotten password: click trouble logging in? Enter school email e.g. jsmith1.309@fortismere.school
BBC bitesize	Follow the link below: <ul style="list-style-type: none"> Biology Chemistry Physics Link 1 Link 2 	No login required but helpful to access full range of features.
Physics Math Tutor - topic exam questions and related notes	PMT	No login required
Grade gorilla - exam quizzes	Grade Gorilla (Biology) Grade Gorilla (Chemistry) Grade gorilla (Physics)	No login required but helpful to access full range of features.
Cognito - video lessons for science	Cognito You Tube	No login required
Fortismere Revision Google drive - revision sheets/notes, checklists, and exam questions/ past papers	Follow the link to the following subject area (select only the topics relevant to the topics on the assessment): <ul style="list-style-type: none"> Biology Chemistry Physics 	Login to your school google account on your browser to access. Username: school email address e.g. jsmith1.309@fortismere.school Password: school password
Required Practicals - Malmesbury Education	Youtube channel of required practicals	No login required Only necessary to view the practicals in topics assessed in test.

Supporting good revision practices at home

Where to go for revision practice and questions?

BBC Bitesize	<u>Biology</u> <u>Chemistry</u> Physics <u>Link 1</u> <u>Link 2</u>
Physics math tutor - topic exam questions and related notes	<u>PMT Biology</u> <u>PMT Chemistry</u> <u>PMT Physics</u>
Grade gorilla - exam quizzes	<u>Grade Gorilla Physics Quizzes</u> <u>Grade Gorilla Chemistry Quizzes</u> <u>Grade Gorilla Biology Quizzes</u>

Supporting good revision practices at home





Preparing for the 'GCSE Years'

- Don't panic!
- Students think that there will be a massive jump in difficulty from KS3 to KS4.
- This is not the case!
- The content might be more challenging than what you've come across in KS3, but you will not be thrown into the deep end.
- If you have studied the subject in KS3/Y9, all you'll be doing is building upon what you already know!

Preparing for the 'GCSE Years'

- You won't start your GCSE years being exam-ready, which is entirely normal.
- Instead, the main focus for starting GCSEs will be digesting all the new topics and approaches that you'll be introduced to. This means you should try your best to focus in lessons and ask questions when you need to.
- By making the most of your lesson time, you'll spend less time having to catch up at exam time and revising will be so much easier.

GCSE English Language & GCSE English Literature

- Two separate GCSEs, both compulsory core subjects.
- No non-exam assessment (coursework) all examined.
- One Spoken Language Endorsement marked internally.
- No sets in English: students taught in mixed ability groups.

Paper 1: Section A (Reading)

- One given fiction source
- Section A: Reading Four questions:
 - List four things [4]
 - Language analysis [8]
 - Structural analysis [8]
 - Evaluative analysis responding to a statement [20]

Paper 1: Section B (Writing)

- Write creatively responding to a prompt, title or image. [24 content + 16 technical accuracy]

Paper 2: Section A (Reading)

- Two given non-fiction sources:
- Section A: Reading. Four questions:
 - Select true statements [4]
 - Summary of differences [8]
 - Language analysis [12]
 - Comparing viewpoints and perspectives. [16]

Paper 2: Section B (Writing)

- Write an article responding to a given statement. [24 content + 16 technical accuracy]

Paper 1: Section A

- *Macbeth*: Question on presentation of character/ theme with given extract. [30 + 4]
- Students are required to write in detail about an extract from the play and then to write about the play as a whole.

Paper 2: Section A

- *An Inspector Calls*: Choice of two essay questions on presentation of character/ theme with no extract. [30 + 4]
- Students are required to write in detail about the play as a whole.

Paper 1: Section B

- Dr Jekyll and Mr Hyde: Question on presentation of character/ theme with given extract. [30]
- Students are required to write in detail about an extract from the novel and then to write about the novel as a whole.

Paper 2: Section B

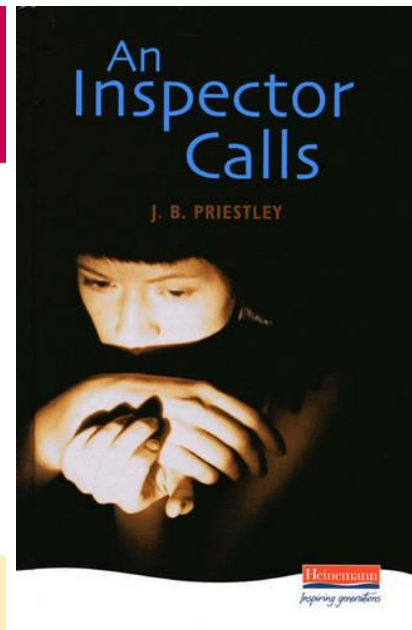
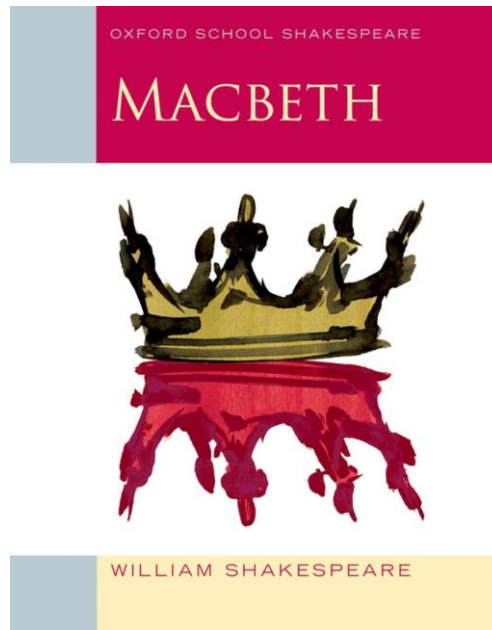
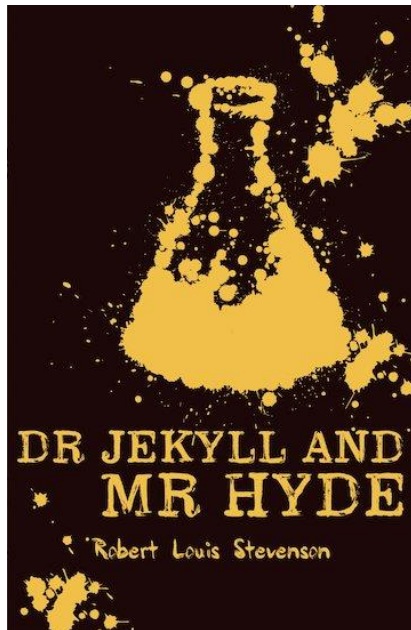
- 'Power and Conflict' poetry anthology: comparative question on one named poem printed on the paper and one other poem from their chosen anthology cluster. [30]

Paper 2: Section C

- Unseen poem and question asking 'how a poet presents...' [24]
- Second connected unseen poem to compare with first. [8]

What you will study

English Literature is studied in half termly units and covers prose, poetry and plays over the course. Course overviews are available on the website.



What you will study

English Language is also studied in half termly units and covers reading and writing both fiction and non-fiction. There is also a spoken language element where you make a speech about a topic of your choice! Reading and writing topic areas include:



**People &
Society**

**Adventure
& Intrigue**

**Exam
skills**

Results

- Excellent exam results in English at Fortismere in 2023.
- English Literature: % grade 5 + % grade 7 +
- English Language: % grade 5 + % grade 7 +



What you can look forward to

- Exploring a broad range of fiction and non-fiction
- Visits from theatre companies to bring texts to life
- Debating important issues raised by texts you read
- Learning about literature in its historical contexts
- Exploring ideas relevance to contemporary society
- Engaging in creative writing or poetry workshops



Preparing for the course

- The very best preparation for the GCSE English courses is reading for pleasure. Read what you love: fiction and non-fiction, listen to audiobooks, read the news and discuss your reading with family and friends.
- Use the school library! The library catalogue is available via the school website.
- You are free to read the GCSE literature texts if you want to, but we actually recommend reading them during the course. Why not choose something else by the same author, or on a similar topic, or from the same time period?



GCSE Mathematics (1MA1)

- Compulsory Core Subject, Edexcel
- Set 1 - Set 4: Higher Tier
Set 5: Foundation Tier (approx. 30 students)

Foundation tier - Grades 1 to 5
available

Higher tier grades – 4 to 9 available
(Grade 3 allowed)

Tier of entry can change right up until
April 2025!

Content (more details on school website)

Number

Algebra

Ratio, proportion and rates of change

Geometry and measures

Probability

Statistics

Assessment

Paper 1 - Non-calculator (80 marks)

Paper 2 - Calculator (80 marks)

Paper 3 - Calculator (80 marks)

**240 marks for final
grade (9-1)**