

fortismere

Key Stage 4 Options Booklet 2022-24

A Guide for Year 9 students

Please ensure that you go through this booklet with your son/ daughter during the option period.

Options Form Deadline: **Midday on Friday 25th February, 2022.**

Welcome to Key Stage 4

Message to Year 9 students

Beginning Key Stage 4 courses is an important and exciting new phase in your lives. You have been given a foundation in a wide range of subject areas since Year 7 and now have the opportunity to increasingly direct your own learning and pursue some subjects with a heightened focus. We are very proud of the range of subjects we offer at Fortismere and we work hard to make sure all students experience a high quality curriculum.

It is very important that you choose subjects that play to your interests and strengths.

In order that you benefit most from your courses in Years 10 and 11, we have increasingly high expectations of your maturity, application and level of motivation. We expect that students will be organised, punctual and maintain high levels of attendance (97%) in order to fulfil your potential.

The choices you make now will affect the subject choices you make at sixteen and eighteen – whether that involves 'A' levels/BTEC and university, further education, training or employment.

This year, instead of an options evening, you will be able to find out about all of the subjects through the school website. Each department will make a presentation telling you about the subjects they offer. You should also ask your teachers and the Heads of Departments if you have any questions.

Once you have had a chance to think about which subjects you want to take, you will have a one-to-one meeting with a senior member of staff to discuss your option choices in more depth, in a **Guidance meeting**.

This booklet is intended to help you and your parents/ carers, together with members of staff, plan the next two years of schooling. There are exciting choices to be made so that you optimise your chances of success in subjects you enjoy and in which you have ability and interest. We also want you to have a challenging, broad and balanced education that stimulates your desire to learn and is relevant to your future lives.

When making choices, the following questions might help:

1. Would my choice make for a well-balanced timetable?
2. What am I really interested in?
3. What am I good at?
4. What do I enjoy doing?
5. What is relevant to my future studies or possible career choice?

GCSE English, Mathematics and Science, are taken by all students. Additionally you will select further GCSE subjects and/ or vocational pathways from a long list. Students with EHCPs will get support at GCSE according to their plan and ongoing learning needs; and other students with additional needs will be supported through, for example, Access Arrangements. Access Arrangements will be reviewed at KS4 to ensure all students have appropriate support for GCSEs and other qualifications. Guidance meeting also provide the opportunity to discuss and identify support needs and to make appropriate curriculum choices.

The school's level of funding means that all teaching groups must be of an economically viable size. This may result in some subjects or combinations of subjects not being timetabled once you have made their choices, though experience suggests that these will be very few in numbers.

Finally, may we wish you every success in making these important decisions.

Good luck!

Guidance for Options

The option choices your child makes will be important for their future. To help them make the right choices they will need to find out about the subjects they are interested in. They will need to get information from the following people:

1. Form tutor
2. Parents or Carers
3. Subject teachers and Heads of Departments
4. Teachers from subjects that they have not studied, but are interested in.

To try and help your child make maximum progress and be successful in year 10 and 11 the school provides a wide range of study options, some of which will provide more support for learning than others. It is important that your child chooses courses that will allow them to make the best progress, achieve the best exam results and enjoy the learning opportunities that will help them to be successful.

Your child's exam results at the end of year 11 will be critical in determining what kind of study course they progress onto in the sixth form at Fortismere School. The new GCSE courses have a different grading system of 1 to 9 with a grade 8 being equivalent to an old A*. We expect nearly all our students to gain a minimum of five 9-5 grades (old grades A*-C) by the end of year 11 with the majority of students achieving many more than this.

We recognise that every young person is different and that we have a small number of students who will need additional support to reach their target grades. For these students we provide a supported learning pathway with structured support and appropriate courses to access KS4 programmes of study.

We will not allow students make choices that are inappropriate or unrealistic.

We will do our utmost to fit all students into their preferred choices, but this cannot be guaranteed, which is why it is important that students provide six choices, in rank order. Where we have been unable to allocate a first choice, we will work down the rank order list and allocate to the first available subject. The reasons a student may not get their first choice include:

Insufficient numbers for the class to run – too few students have opted for the subject.

If the subject is being run in another block we will look to move option blocks to accommodate. If it is not then we will use the back-up choices.

Oversubscription – too many students have opted for the subject.

The number of spaces in each subject is decided using the maximum class sizes set by the Co-Headteachers and Governors. Practical and computing subjects will have smaller class sizes than other subjects. When there are too many students opting for the number of spaces available, students with an EHCP are allocated first and then remaining students are selected from all of those who requested the subject. Where students are not selected, we will use their back-up choices. All students have an equal right to be selected and we do not use attainment or behaviour to decide. The random selection process is overseen by two senior members of staff to ensure fairness.

Unforeseen staffing changes.

Rarely, a staffing change may mean that a subject has to be withdrawn from the option blocks. If this happens we will use back-up choices.

Late return of options form.

If we do not receive a completed options form by the deadline published, the risk of you not receiving your first choices increases. However, the Options process is **not a first come, first served system** therefore it is important that you submit your completed form in advance of the deadline of **Midday on Friday 25th February, 2022.**

IMPORTANT

Due to the nature of the courses being similar students may NOT choose these pairing of subjects:

- Product Design and Textiles
- Fine Art and Photography

Changes to option choices

Once the GCSE programme of study has begun at the beginning of year 9, there is a short window of time where changes may be 'requested'. The deadline for this will be given to students at the beginning of the academic year. We will do our best to accommodate requests, but cannot guarantee that a change will be made because most subjects will be full. We do not go over the maximum class sizes set by the Co-Headteachers and Governors under any circumstances.

| The Options Timeline | |
|--|--|
| Date | Action |
| Tuesday 11th January, 2022 | Options booklet and Subject Videos to be available on school website |
| | Tutor talks with tutees during form time. Talks to be ongoing throughout the half term. Options homework set on Google Classroom. |
| Monday 17th January, 2022 | Head of Year Assembly Options Timeline How to make appropriate choices |
| Friday 21st January, 2022 | Year 9 Options Day All Year 9 students will experience a variety of both practical and guidance based sessions to help them make more informed choices for their Key Stage 4 Pathways. |
| Monday 24th January, 2022 | Tutor Time Activities Options videos in tutor time from all subjects: <ul style="list-style-type: none"> ● English ● Maths ● Science ● Art and Design ● Business Studies ● Creative Media Production ● Economics ● Engineering ● Health and Social Care ● Hospitality and Catering ● Media Studies. ● Music Technology ● Photography ● Physical Education ● Religious Studies Sports Studies ● Sociology ● Textiles |
| Wednesday 26th January, 2022 | DLC Options Tutors to meet with tutees and parents over a day to discuss Options Students receive guidance and populate a paper version of the form. |
| Tuesday 1st February | Options forms available ONLINE |

| | |
|--|---|
| | How to complete form video on School website and link released to parents [D.Barsby] |
| FINAL DEADLINE for completed Options Form | Midday on Friday 25th February, 2022. |

The Options Process

Options DLC – Wednesday 26^h January, 2021

On Wednesday 26th January there will be a Deep Learning Conversation for Year 9 students with their form tutor or an assigned teacher.

In this conversation, which will be set up through School Cloud [our parents evening system] parents and students will be able to discuss their options with their form tutor and receive important advice and guidance to support them with their choices.

On this day Year 9 will not be in school, but must be present for their meeting.

Following the meeting students will be required to consider their options and then fill out the options form before the deadline.

The DLC conversation should be used to ask questions about relevant courses using attainment data and future career pathways to support decisions

Use of Kudos

<https://kudos.cascaid.co.uk/#/>



Kudos is the leading career development service helping students to explore, develop and maximise their potential.

All students have been provided with a login for the site which they can access from any computer with internet access. The login details are the same as the login details for using a school computer.

There are four main routes through Kudos which are divided into four starting points.

These are:

1. Take the test to find your perfect career
2. Explore subjects
3. Explore work areas
4. Explore careers

We encourage students to be proactive with Kudos and complete the tests at home and spend time exploring their options.

Examination Boards

- AQA www.aqa.org.uk
- OCR www.ocr.org.uk
- Edexcel www.edexcel.com
- WJEC www.wjec.co.uk

External help - this is a very useful Government website with lots of interesting and useful facts about a wide range of careers and jobs.

- <https://nationalcareersservice.direct.gov.uk>
- Go to careers advice at the bottom of the page
- Browse job profile

Contact us

If you require any further information or clarification, please do not hesitate to contact us. Your first port of call should be your child's Tutor, followed by Ms A Williams [Head of Year 9].

For additional Careers advice please contact Ms Andreou [aandreou@fortismere.org.uk]

Should you still require additional support please contact Mr Barsby or Mr Hesse.

English Baccalaureate.

An initiative outlined by the Government, has been to identify a desirable range of subjects to be taken by KS4 students at the end of their GCSE courses. The range of GCSEs has been named the English Baccalaureate and it is to be awarded to any pupil who secures good GCSE or iGCSE passes (C and above) in all of the following subject areas:

- English
- Maths
- Sciences
- A modern or ancient foreign language
- A humanity: history or geography

Russell Group universities may ask about the English Baccalaureate on their application forms.

| English Baccalaureate [EBacc] Qualification | | | | |
|---|-------------|---------------------------------------|----------------------|------------|
| English Language or Literature | Mathematics | 2 Sciences including Computer Science | History or Geography | 1 Language |

The National Curriculum at Key Stage 4

1. Core and Compulsory Subjects

| Core subjects | | | | Compulsory Subjects |
|------------------|--------------------|-------------|---------|---|
| English Language | English Literature | Mathematics | Science | PE core (non-exam) Philosophy, Religion and Ethics |

These subjects are studied by all students in Years 10 and 11:

GCSE Subjects

- English and English Literature
- Mathematics
- Science

Non – Examination Subjects

- Physical Education (Non-Examined)
- PRE

Guidelines for GCSEs certificating from 2014.

- All externally assessed exams must be taken at the end of the course.
- Students can no longer re-sit individual modules, although they can re-sit the full GCSE.
- GCSE exams will take place in May-June.

Controlled assessments

Controlled assessments are internal assessments and not part of the exam cycle, so the timing of these will not be affected by the move to end-of-course exams. Students who re-sit GCSEs do not need to redo their controlled assessments; they can carry these forward.

Spelling, punctuation and grammar

From January 2013 marks are awarded for accurate spelling, punctuation and use of grammar in external GCSE exams in English literature, geography, history and religious studies.

Progress 8, Attainment 8 and the Options Buckets

Attainment 8 is calculated by adding together a student's highest scores across eight government approved qualifications. These are divided into three categories, which are being called "buckets":

- **Bucket 1** - English and Maths, which are worth double marks, but English will only count for double marks if both English Literature and English (ie English Language) are taken; the higher grade of the two is used;
- **Bucket 2** – the top three scores from the English Baccalaureate (EBacc) subjects taken, ie Sciences, Computer Science, History, Geography and languages;
- **Bucket 3** – the top three scores from remaining EBacc subjects or other government approved qualifications (eg other GCSEs or Level 2 Certificates in some technical subjects).

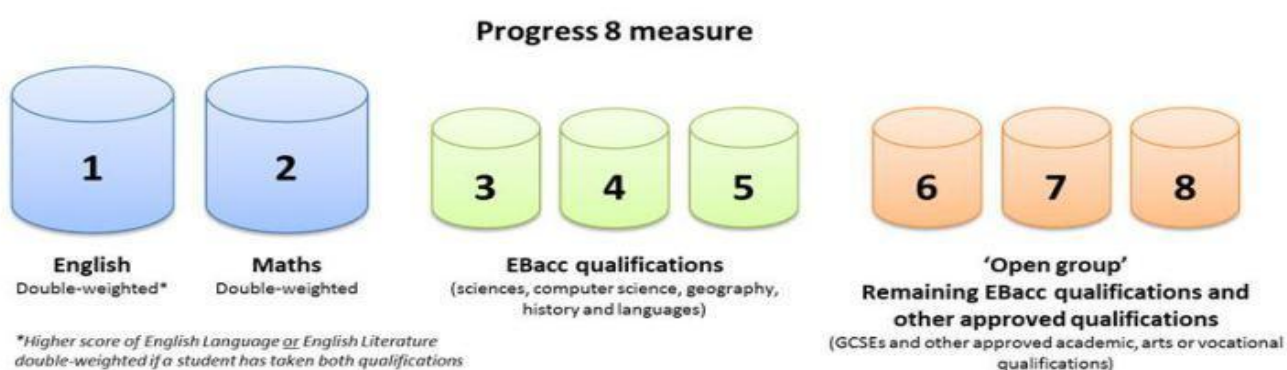
Progress 8 is based on two calculations using Attainment 8 scores. Students from the whole country who had similar Reading and Maths results at Key Stage 2 (Years 3-6) are grouped and the group's estimated average Attainment 8 score is arrived at through a massive number crunch at the Department for Education.

The student Progress 8 score is the actual Attainment 8 score less the estimated Attainment 8 score, which is then divided by ten (8 subjects; Maths and English count twice).

A school's Progress 8 score is the average score from pupils across a whole year group::

- A score of zero means pupils in this school on average do about as well at Key Stage 4 as other pupils across England who got similar results at the end of Key Stage 2.
- A score above zero means pupils made more progress, on average, than pupils across England who got similar results at the end of Key Stage 2.
- A score below zero means pupils made less progress, on average, than pupils across England who got similar results at the end of Key Stage 2.

[This links to how we analyse and report data]



Progress 8 and Attainment 8: Should parents care?

On results day, what still matters for students is the actual grades student receive, as these will determine where they go next (sixth form courses, apprenticeships, jobs etc). Individual students' Progress 8 or Attainment 8 scores are not made public as these are only calculated in order to work out the whole school's progress and attainment.

However, the Progress 8 and Attainment 8 scores are useful for those parents who are researching schools and colleges for their children. When weighing up one's options, it is helpful to know whether one school is more able than others to help its pupils obtain higher GCSE grades than the expected norm for those of their ability, in addition to having comparative information about the attainment of pupils across eight rather than just five subjects.

How this affects the Options Process

The Core Subjects are studied by all subjects and no options is required here.

Students should then aim to fill all the 'buckets with their option choices.

Humanity Subjects are highly recommended.

Languages are Optional with the exception of those students on the Mandarin Excellence Pathway [MEP] who **MUST** select MEP in their options.

For the rest of the options students have free choice.

Students must select 6 Options in Rank Order. We will then enter these Choices into the system and once compared to staffing and timetabling the subjects will be assigned to students.

It is very rare, although possible due to the reasons stated earlier, that students do not get their main options.

Once selected these subjects are fixed and very little, if any, movement is possible. Therefore you should take time and effort to ensure that the options selected are the correct ones/

Making Good Choices

- What subjects do you enjoy?
- 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.

When helping your child to make their choices, the following questions may help:

- Are **they** getting a good balance?
- What are **they** really interested in?
- What are **they** good at?
- What do **they** enjoy doing?
- What is relevant to **their** future?

Core Subjects



English

AQA specification for English Language:

<https://www.aqa.org.uk/subjects/english/gcse/english-language-8700>

QAN code: 601/4292/3

AQA specification for English Literature:

<https://www.aqa.org.uk/subjects/english/gcse/english-literature-8702>

QAN code: 601/4447/6

Aims of the course

The two courses aim to develop students' abilities to:

- express their ideas clearly in speech, and to listen carefully to others, responding thoughtfully;
- read and enjoy increasingly complex literature from the English literary heritage and other cultures and traditions and, through this, develop their analytical and evaluative skills;
- compose writing that demonstrates these skills, and to construct meaning in their writing, matching style to audience and purpose;
- become increasingly aware of social, historical and cultural contexts and their influence in the study of literature.

Assessment

- The content of both courses is assessed through examinations only. The only controlled assessment will be for spoken language skills which will be assessed but which will not count towards students' GCSE grades.
- There will be no tiered papers and students are not taught in sets for English. All students sitting the English GCSEs will sit the same papers.

English Language

Students will be assessed on their reading and writing skills. These will each form 50% of the final grade. Spelling, punctuation and grammar are also marked within the writing assessments.

All of the texts within the English Language exam will be unseen texts (and so will not have been studied during the course). They will include texts from the 19th, 20th and 21st centuries and texts of fiction as well as non-fiction writing.

English Literature

Students will study one play by Shakespeare, one 19th century novel, a selection of poetry, and drama from the British Isles from 1914 onwards. These texts will then be assessed across two exams at the end of the course. The assessment will include an unseen text and comparison skills, and spelling, punctuation and grammar will also be marked.

Progression

GCSE English Language and GCSE English Literature are compulsory courses and are essential for progression to Further and Higher Education. Students learn many valuable skills as well as accessing a wide range of stimulating literature during the two years of the course. Students who are successful at GCSE can choose to progress to either English Literature A level or English Language & Literature A level at Fortismere School. Reading for pleasure and reading widely is fundamental to success in the English GCSE courses.

Mathematics

Pearson Edexcel Level 1/Level 2 GCSE (9 - 1) in Mathematics

Specification Code - 1MA1

QAN Code - 601- 4700 - 3

Weblink: <http://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html>

Aims of the Course

The aims and objectives of the Pearson Edexcel Level 1/Level 2 GCSE (9 - 1) in Mathematics 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.

GCSE Mathematics is an invaluable qualification that is always in demand in both the employment markets and as a foundation for study in Further and Higher Education. The ability to understand logical arguments and numerical information makes a GCSE qualified mathematician greatly sought after. The GCSE Mathematics course offered at Fortismere aims to develop a positive attitude towards the subject and an appreciation of Mathematics in its numerous roles which includes seeing Mathematics as fun. These aims will be achieved through teaching and learning approaches which are enjoyable but nevertheless require hard work.

Syllabus Content

The assessments will cover the following content headings:

1. Number
2. Algebra
3. Ratio, proportion and rates of change
4. Geometry and measures
5. Probability
6. Statistics

Assessment

The content and difficulty of both the Foundation and Higher GCSEs from summer 2017, differ from those of the previous GCSE in Mathematics [1MA0]. Both tiers contain much more material and present greater challenge.

- Two tiers are available: Foundation and Higher (content is defined for each tier).
- Each student is permitted to take assessments in either the Foundation tier or Higher tier.
- The qualification consists of three equally-weighted written examination papers at either Foundation tier or Higher tier.
- All three papers must be at the same tier of entry and must be completed in the same assessment series.
- Paper 1 is a non-calculator assessment and a calculator is allowed for Paper 2 and Paper 3.
- Each paper is 1 hour and 30 minutes long.
- Each paper has 80 marks.
- The content outlined for each tier will be assessed across all three papers.
- Each paper will cover all Assessment Objectives

- Each paper has a range of question types; some questions will be set in both mathematical and non-mathematical contexts.
- A formulae sheet is given at the front of each examination paper.
- Two assessment series available per year: May/June and November (subject to restrictions.)
- First assessment series: May/June 2017.
- The qualification will be graded and certificated on a nine-grade scale from 9 to 1 using the total mark across all three papers where 9 is the highest grade. Individual papers are not graded.
- Foundation tier: grades 1 to 5.
- Higher tier: grades 4 to 9 (grade 3 allowed).

Equipment

Students are required to have the necessary equipment for both their lessons and examinations. This consists of a pen, a pencil, a ruler, an eraser, a protractor, a pencil sharpener, and a compass. Students require a scientific calculator if they are to perform well in Mathematics.

Maths Workshop

In order to encourage students further, the department runs a 'Maths Workshop' on Mondays [all year groups] and Thursdays [KS4 & KS5]. This gives students the opportunity to ask further questions related to their course and/or to obtain help with set homework. There are also special Revision Workshops and revision days for Year 11 students.

Progression

A good grounding at the GCSE level of Mathematics opens the door to career opportunities which range from financial and economic planning through management services to scientific and industrial research.

For those considering 'A' Level study, GCSE Mathematics serves as a grounding for a number of subjects that include Physics, Chemistry, Mathematics, Further Mathematics, Design Technology, Biology, Economics, Geography, Business Studies, Sociology and Psychology.

Science

AQA Specifications

| GCSE Qualification | GCSE Combined Science: Trilogy | GCSE Biology | GCSE Chemistry | GCSE Physics |
|--------------------|--------------------------------|--------------|----------------|--------------|
| Course Code | 8464 | 8461 | 8462 | 8463 |
| QAN Code | 601/8758/X | 601/8752/9 | 601/8757/8 | 601/8751/7 |

GCSE Combined Science: Trilogy - <http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

GCSE Biology - <http://www.aqa.org.uk/subjects/science/gcse/biology-8461>

GCSE Chemistry - <http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462>

GCSE Physics - <http://www.aqa.org.uk/subjects/science/gcse/physics-8463>

Aims of the courses

GCSE Sciences should enable students to:

- Develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics.
- Develop understanding of the nature, processes and methods of science, through different types of scientific enquiries that help them to answer scientific questions about the world around them.
- Develop and learn to apply observational, practical, modelling, enquiry and problem-solving skills, both in the laboratory and in other learning environments
- Develop their ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively.

What is the difference between 'Combined Science Trilogy' and 'Separate Sciences'?

There are two possible routes that you will follow for your GCSE course in Science. You will either follow the Combined Science Trilogy specification or the Separate Sciences specification. In the Separate Sciences specification you will study and be certified in a separate GCSE in Biology, Chemistry and Physics, meaning you will have three science GCSEs at the end of year 11. For the Combined Science Trilogy specification you will study and be certified with a qualification worth two GCSE grades, which will cover Biology, Chemistry and Physics content.

Separate Sciences is not an option block choice. 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.

How many exams will you sit?

For the Separate Science course you will sit 2 papers for each subject (Biology, Chemistry and Physics), each exam paper is out of 100 marks and each paper is worth 50% of your final grade.

For the Combined Science: Trilogy you will sit 6 papers, each exam paper is out of 70 marks and count for 16.7% of your final grade.

Every exam paper will consist of multiple choice, structured, closed short answer and open response questions. The controlled assessment (coursework) element has been removed from the syllabus; however, if you are following the Separate Science route you will have to carry out eight required practicals for each subject (Biology, Chemistry and Physics), and if you are following the Combined Science: Trilogy route you will have to carry out 16 required practicals across all specialisms. The practical skills you gain will be assessed in your exams with at least 15% of the marks coming from questions relating to practical skills.

Duration of exams

Each paper for the Separate Science course will be 1 hour and 45 minutes long and for the Combined Science Trilogy course each paper will be 1 hour and 15 minutes long. You will sit all your exams in the May/June 2020 series.

Modules / units studied - Percentage to the whole GCSE

| | Paper 1 | Paper 2 | Total marks |
|------------------|----------------|----------------|--------------------|
| Biology | 50% | 50% | 200 |
| Chemistry | 50% | 50% | 200 |
| Physics | 50% | 50% | 200 |

| | Bio - Paper 1 | Bio - Paper 2 | Chem - Paper 1 | Chem - Paper 2 | Phys - Paper 1 | Phys - Paper 2 | Total marks |
|----------------------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| Combined Science: Trilogy | 16.7% | 16.7% | 16.7% | 16.7% | 16.7% | 16.7% | 420 |

What content will you study? For Separate Science exams will cover the following content:

Syllabus content: Paper 1

| BIOLOGY | CHEMISTRY | PHYSICS |
|---|---|---|
| Cell biology Organisation Infection and response Bioenergetics | Atomic structure and the periodic table Bonding, structure, and the properties of matter Quantitative chemistry Chemical changes Energy changes | Energy Electricity Particle model of matter Atomic structure |

Syllabus content: Paper 2

| BIOLOGY | CHEMISTRY | PHYSICS |
|--------------------------|--|-----------------|
| Homeostasis and response | The rate and extent of chemical change | Forces Waves |

| | | |
|---|--|---|
| Inheritance, variation and evolution Ecology | Organic chemistry Chemical analysis Chemistry of the atmosphere Using resources | Magnetism and electromagnetism Space physics |
|---|--|---|

For **Combined Science: Trilogy** exams will cover the following content:

| | | |
|--|--|--|
| BIOLOGY Paper 1 Cell biology Organisation Infection and response Bioenergetics | CHEMISTRY, Paper 1 Atomic structure and the periodic table Bonding, structure, and the properties of matter Quantitative chemistry Chemical changes Energy changes | PHYSICS, Paper 1 Energy Electricity Particle model of matter Atomic structure |
| BIOLOGY, Paper 2 Homeostasis and response Inheritance, variation and evolution Ecology | CHEMISTRY, Paper 2 The rate and extent of chemical change Organic chemistry Chemical analysis Chemistry of the atmosphere Using resources | PHYSICS, Paper 2 Forces Waves Magnetism and electromagnetism |

Progression

There are endless possibilities for you regardless of which course you follow; you may wish to become a chemical engineer, an immunologist, a veterinary nurse, an aeronautical engineer, a doctor or a job role in hundreds of other career paths that require a grounding in science.

If you wish to study a Science A-level at Fortismere School you will have to achieve at least two 7 grades in order to meet the entry requirements. You do not have to do separate sciences to access A Level sciences.

If you do not wish to do Science at A-Level either of the GCSE pathways will allow you to meet the entry criteria of A level courses such as Physical Education and Psychology.

Physical Education (Non-Exam)

Curriculum aims

Learning and undertaking activities in physical education (PE) contribute to the achievement of the curriculum aims for all young people to become:

- Successful learners, who enjoy learning, make progress and achieve
- Confident individuals who are able to live safe, healthy and fulfilling lives
- Responsible citizens who make a positive contribution to society.

The importance of Physical Education

PE develops students' competence and confidence to take part in a range of physical activities that become a central part of their lives, both in and out of school.

At Fortismere our high-quality PE curriculum enables all students to enjoy and succeed in many kinds of physical activity. They develop a wide range of skills and the ability to use tactics, strategies and compositional ideas to perform successfully.

When they are performing, they think about what they are doing, analyse the situation and make decisions. They also reflect on their own and others' performances and find ways to improve them. As a result, they develop the confidence to take part in different physical activities and learn about the value of healthy, active lifestyles.

Discovering what they like to do and what their aptitudes are at school, and how and where to get involved in physical activity helps them make informed choices about lifelong physical activity. PE helps students develop personally and socially.

They work as individuals, in groups and in teams, developing concepts of fairness and of personal and social responsibility. They take on different roles and responsibilities, including leadership, coaching and officiating. Through the range of experiences that PE offers, they learn how to be effective in competitive, creative and challenging situations.

Healthy, active lifestyles

Students will develop an understanding that physical activity contributes to the healthy functioning of the body and mind and is an essential component of a healthy lifestyle. They should also recognise that regular physical activity that is fit for purpose, safe and enjoyable has the greatest impact on physical, mental and social well-being.

www.qca.org.uk/curriculum 201

Making informed choices about Healthy, active lifestyles

Students should be able to:

- identify the types of physical activity available to them and the roles they would like to take on
- link physical activity with diet, work and rest for personal health and well-being
- make informed decisions about getting involved in a lifetime of healthy physical activities that suit their needs.

www.qca.org.uk/curriculum key stage 4

PE Activities - Year 10

Games- Football, Badminton, Basketball, Table Tennis, Tennis, Volleyball, Netball, Rounders, Cricket and Hockey.

Other activities- Dance, Aerobics, Fitness, Athletics and Trampolining.

PE Activities - Year 11

Games- Football, Badminton, Basketball, Table Tennis, Volleyball, Netball, Hockey, Cricket and Rounders.

Other activities- Self Defence, Trampolining, Fitness, Athletics, Aerobics.

We have also have specialised tutors who visit the school to offer Yoga, and an Emergency First Aid Certified course.

PSHE

Personal, Social and Health Education is a new statutory requirement for all students from 2020. The PSHE curriculum is available on the school website.

In Year 10 we focus on issues that particularly affect teenagers and young adults. We look at the moral implications of making certain decisions, and discuss the best way to lead a good life. The topics we cover include –

Mental Health – Good and bad mental health, battling stigma, developing good habits, how to get help

The Law – UK law on online activity, what and when to share, UK law on sexual activity

Sex and Relationships – Consent, healthy relationships, contraception & STDs/STIs

Money and Finance – Wages, bank accounts, borrowing & interest rates, saving

Study Skills - Reading & note taking, essay writing, study habits

The Option Subjects

Art and Design

Syllabus: Eduqas (WJEC) C651 QS

QAN code: 601/8087/0

Specification:

<https://www.eduqas.co.uk/qualifications/art-and-design/gcse/eduqas-gcse-art-and-design-spec-from-2016.pdf>

Modules- Component 1 (Coursework): 60% Component 2 (Exam): 40%

Allocation of marks- Each unit is assessed against the following criteria:

- **DEVELOP** ideas through investigations, demonstrating critical understanding of sources.
- **REFINE** work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.
- **RECORD** ideas, observations and insights relevant to intentions as work progresses.
- **PRESENT** a personal and meaningful response that realises intentions and demonstrates an understanding of visual language.

Assessment: Summative assessment takes place at the end of each project. Formative assessment is ongoing and supports students as they develop their ideas. The course culminates in a display of students' coursework and exam project. This is assessed and standardised by Art teachers. Marks are then moderated by an external moderator.

Aims of the course: The Fine Art Course is designed to broaden each students' approach to the subject, their control of media and their understanding of the work of arts practitioners. We hope that by the end of the course each child will be a well-rounded creative individual, able to convey complex concepts in a visual way and demonstrate a breadth of art skills.

Content –

Coursework Project 1: Movement

A teacher-led, introductory project directed at developing pupils' understanding of the formal elements, media and processes. The final outcomes are determined by each individual teacher however, there are still opportunities for pupils to have a personal response to the project theme.

Coursework Project 2: Protest and Survive

Pupils' work is based around an issue they feel strongly about. The outcome is determined by the teacher (eg. Ceramics and mixed media pots in the style of Grayson Perry) however, the concept and final appearance will be individual to each pupil. Opportunities to explore issues will form part of independent student outcomes as the project progresses.

Coursework Project 3: Past, Present & Future

An independent project in response to a theme. Students follow teacher led, skills workshops until they are prepared to embark on more independent ideas. Teachers support the development of the project through a series of negotiated tasks

Exam Project

An independent project in response to the theme set by the exam board. Students follow teacher led, skills workshops until they are prepared to embark on more independent ideas. Teachers support the development of the project through a series of negotiated tasks. The final piece is produced in 10 hours under controlled conditions over two days at the end of the project.

Students also visit two exhibitions over the course of two years. One of these is specifically to support the exam unit.

Main skills covered –

- Working in two and three dimensions in a range of media
- Exploring materials and determining the appropriateness for specific tasks
- Working in a gallery context
- Analysing the work of others
- Developing ideas to a final outcome that conveys their intentions

Progression – In addition to providing students with the opportunity to balance their range of studies at 14-16, the Fine Art course is excellent preparation for a wide number of future options. The ability to respond personally, creatively and analytically within a complex and diverse world is valued at all post-16 destinations. Students can proceed from the course to AS and A Level Fine Art and Photography courses at Fortismere School. This is an ideal stepping stone to Further and Higher Education Courses in all aspects of Art and Design and the Visual Arts, opening the way to careers in such areas as Photography, Film, New Media, Fashion, Interior Design, 3D Design, Textiles, Graphics, and Fine Art etc.

Photography

Syllabus: Eduqas (WJEC) C656 QS

QAN code: 601/8087/0

Specification:

<https://www.eduqas.co.uk/qualifications/art-and-design/gcse/eduqas-gcse-art-and-design-spec-from-2016.pdf>

Modules- Component 1 (Coursework): 60% Component 2 (Exam): 40%

Allocation of marks- Each unit is assessed against the following criteria:

- **DEVELOP** ideas through investigations, demonstrating critical understanding of sources.
- **REFINE** work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.
- **RECORD** ideas, observations and insights relevant to intentions as work progresses.
- **PRESENT** a personal and meaningful response that realises intentions and demonstrates an understanding of visual language.

Assessment – Summative assessment takes place at the end of each project. Formative assessment is ongoing and supports students as they develop their ideas. The course culminates in a display of students' coursework and exam project. This is assessed by Photography teachers then moderated by an external moderator.

Aims of the course – Students will undergo a programme of study to equip them with the technical skills and control of the photographic medium in order to be able to realise their creative intentions. Critical awareness and appreciation will also play a major part in the course. In the initial stages, students will be introduced to the basic principles of photography through a Foundation Skills stage, before working on independent projects set by the department known as the Coursework Unit.

Content –

Coursework Project 1: Toolkit

A teacher-led, introductory project directed at developing pupils understanding of the history of photography and basic, practical skills in digital photography and post production.

Coursework Project 2: Environment.

An independent project in response to Landscape Photography. Students follow teacher led workshops until they are prepared to embark on more independent ideas. Teachers support the development of the project through a series of negotiated tasks.

Coursework Project 3: Force

An independent project in response to the theme, Force. Students follow teacher led, skills workshops until they are prepared to embark on more independent ideas. Teachers support the development of the project through a series of negotiated tasks.

Coursework Project 4: Reflection

An independent project in response to past exam theme, Reflection. Students follow teacher led, workshops until

they are prepared to embark on more independent ideas. Teachers support the development of the project through a series of negotiated tasks.

Exam Project

An independent project in response to the theme set by the exam board. Students follow teacher led, skills workshops until they are prepared to embark on more independent ideas. Teachers support the development of the project through a series of negotiated tasks. The final piece is produced in 10 hours under controlled conditions over two days at the end of the project.

Students also visit two to three exhibitions over the course of two years. One of these is specifically to support the exam unit.

Main skills covered –

- Working in digital and analogue photography
- Learning Photoshop and traditional darkroom techniques
- Exploring materials and determining the appropriateness for specific tasks
- Working in a gallery context
- Analysing the work of others
- Developing ideas to a final outcome that conveys their intentions

Progression – In addition to providing students with the opportunity to balance their range of studies at 14-16, the Photography course is excellent preparation for a wide number of future options. The ability to respond personally, creatively and analytically within a complex and diverse world is valued at all post-16 destinations. Students can proceed from the course to AS and A Level Photography courses at Fortismere School. This is an ideal stepping stone to Further and Higher Education Courses in all aspects of Art and Design and the Visual Arts, opening the way to careers in such areas as Photography, Film, New Media, Fashion, Interior Design, 3D Design, Textiles, Graphics, and Fine Art etc.

Business

OCR syllabus: J204

QAN code: 603/0295/1

Aims of the 9-1 course: You will learn about business concepts, business objectives, the integrated nature of business activity and the impact of business on individuals and wider society. You will develop and apply quantitative skills relevant to business, including using and interpreting data.

| Unit title and description | Assessment | Weighting |
|--|--|-------------------|
| <p>Business 1 (code: 01) – Business activity, Marketing and People This Unit contains 3 sections:</p> <ol style="list-style-type: none"> 1. Business activity <ul style="list-style-type: none"> ● The role of business enterprise and entrepreneurship ● Business planning ● Business ownership ● Business aims and objectives ● Stakeholders in business ● Business growth 2. Marketing People <ul style="list-style-type: none"> ● Market research ● Market segmentation ● The marketing mix 3. People <ul style="list-style-type: none"> ● The role of human resources ● Organisational structures and different ways of working ● Communication in business ● Recruitment and selection ● Motivation and retention ● Training and development ● Employment law | <p>Written paper June 2022</p> <p>90 minutes</p> <p>80 marks, of which:</p> <p>15 marks are multiple choice questions</p> | <p>50%</p> |
| <p>Business 2 (code: 02) – Operations, Finance and Influences on business</p> <ol style="list-style-type: none"> 4. Operations <ul style="list-style-type: none"> ● Production processes ● Quality of goods and services ● The sales process and customer service ● Consumer law ● Business location ● Working with suppliers | <p>Written paper June 2022</p> | <p>50%</p> |

| | | |
|---|--|--|
| <p>5. Finance</p> <ul style="list-style-type: none"> ● The role of the Finance function ● Sources of finance ● Revenues, costs, profit and loss ● Break-even ● Cash and cash flow <p>6. Influences on Business</p> <ul style="list-style-type: none"> ● Ethical and environmental considerations ● The economic climate ● Globalisation | <p>90 minutes</p> <p>80 marks, of which:</p> <p>15 marks are multiple choice questions</p> | |
|---|--|--|

Skills Covered

Knowledge and understanding of contemporary business issues and to different types and sizes of businesses in local, national and global contexts

Problem-solving and the interpretation of data (including calculation of percentage changes)

Investigate and analyse real business opportunities and issues to construct well-argued, well-evidence, balanced and structured arguments

Progression This course is ideal for progression to A Level Business and for a subsequent Business related degree, including Marketing, Human Resources, Finance and Accounting, Leisure and Tourism. Students achieving grade 6 in the Business course can study A level Economics at Fortismere.

GCSE 9-1 Requirement: Prospective Business students **must** have or quickly develop an active interest in business **and** be prepared to contribute actively and positively in their lessons via their regular and **prior** reading of a business section of a daily (online) paper. There is **NO** controlled assessment.

Computer Science

Specification code: J277

QAN Coder: 601/8355/X

GCSE specifications in Computing should encourage candidates to be inspired, moved and challenged by following a coherent, satisfying and worthwhile course of study. They should help candidates to gain an insight into related sectors. They should prepare candidates to make informed decisions about further learning opportunities and career choices.

Assessment overview

| Component | Marks | Duration | Weighting | |
|--|-------|----------------|-----------|-------------------------|
| Computer systems (01) | 80 | 1 hour 30 mins | 50% | Calculators not allowed |
| Computational thinking, algorithms and programming (02)* | 80 | 1 hour 30 mins | 50% | Calculators not allowed |

Content overview

Component 01: Computer systems

Introduces students to the Central Processing Unit (CPU), computer memory and storage, wired and wireless networks, network topologies, system security and system software. It also looks at ethical, legal, cultural and environmental concerns associated with computer science.

Component 02: Computational thinking, algorithms and programming

Students apply knowledge and understanding gained in component 01. They develop skills and understanding in computational thinking: algorithms, programming techniques, producing robust programs, computational logic, translators and data representation. The skills and knowledge developed within this component will support the learner when completing the Component 03 Programming Project.

Practical Programming

All students must be given the opportunity to undertake a programming task(s), either to a specification or to solve a problem (or problems), during their course of study. Students may draw on some of the content in both components when engaged in Practical Programming.

Progression

Skills in Computer Science provide a wide range of career options, as well as a route into further and higher education.

BTEC Level 1/Level 2 Tech Award in Creative Media Production

QAN Code: 603/1238/5

Overview

This qualification will help you acquire knowledge, understanding and technical skills through work-related contexts as part of their Key Stage 4 learning.

The qualification is equivalent to and compliments GCSEs to help develop work-related skills in the creative sector. It will help broaden your experience and understanding of where your studies can take you in the future.

What kind of things will I study?

Areas you will cover include:

Exploring Media Products

Aim: learn about the sector and investigate media products across the following sub-sectors: • audio/moving image (TV programmes, films, video shorts, animations, radio broadcasts) • publishing (newspapers, magazines, books, e-magazines, comics) • interactive (websites, mobile applications, mobile games, video games, online games).

Assessment: internally assessed assignments

Developing Digital Media Production Skills

Aim: develop technical skills and techniques in the chosen discipline(s) of audio/moving image, publishing and interactive.

Assessment: internally assessed assignments

Create a Media Product in Response to a Brief

Aim: apply digital skills and techniques by responding to a digital media brief. Assessment: externally assessed task where students respond to a brief to create a media product.

Where will this qualification take me?

After completing your BTEC Tech Award, you will be in a great position to continue study. You can go on to further academic study such as A-levels, or further Level 3 vocational subjects such as the BTEC Level 3 National in Creative Media Production.

Dance

AQA Dance: <http://filestore.aqa.org.uk/subjects/AQA-4230-W-SP-14.PDF>

Specification code: 8236

QAN code: 601/8549/1

Allocation of Marks;

- Performance 30%
- Choreography 30%
- Dance Appreciation 40%

Assessment;

Performance:

- Solo performance: Students learn 6 set phrases of movement and select 3 that they then perform as a solo.
- Duet/Trio: In a group of 2 or 3 each student (with the help of the teacher) uses their 3 set phrases to create a group piece, which would include lifts, contact, different formations etc.

Choreography:

- This is where YOU as a choreographer get to choose a stimulus/idea and then create a piece of dance as either a solo or a group piece.
- The movements in your dance should reflect your idea.
- You choose the music and props

Aims of the Course;

- Learn to perform, choreograph and appreciate dance as an art form.
- Create an imaginative response to a range of stimuli.
- Application of knowledge, skills and understanding of choreographic forms and devices communication of ideas, feelings, emotions, meanings and moods.
- Development of physical, technical, mental and expressive skills
- Critical analysis, interpretation, evaluation and appreciation of professional dance works.
- develop knowledge, skills and understanding of health, well-being and safe and professional practice relevant to dance
- Improve own work through analysis, critical self-reflection and evaluation.

Practical work – Technique classes are important to develop students' style of movement. Creative classes give students the opportunity to explore their own artistic development through movement. There will also be opportunities to perform and observe professional dance works and attend trips/revision conferences.

Theoretical work – Students will learn the basic background of dance. The course will involve specific detail regarding certain dancers and choreographers. Students learn about the components of dance and how to develop movement in relation to a stimulus. Students will be expected to attend extra-curricular sessions to enhance performance.

Main Skills;

- Physical skills and attributes (posture, alignment, control, flexibility etc.)
- Technical skills (dynamics, rhythm, timing etc.)
- Mental skills and attributes (commitment, capacity to improve, mental rehearsal, response to feedback etc.)
- Safe working practices (nutrition, hydration, safe execution etc.)

Progression;

- GCSE Dance is a good foundation for further study in Dance at AS and A Level and AVCE in Performing Arts
- Opportunities to perform in Dance events (e.g. Saddlers Wells)
- Trips to Dance Events

Controlled Assessments;

The Set Dances are internally assessed as controlled assessments which normally take place in March of Year 11. The practical moderation of the set dances usually takes place in April of Year 11

Design and Technology

Specification AQA GCSE Design and Technology

Specification code: 8552

QAN code: 603/0984/2

There are two separate GCSE Design & Technology courses specialising in different material areas

GCSE Design & Technology: Timber, Metal-Based Materials & Polymers (Product Design)

GCSE Design & Technology: Textiles

<http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552>

This is a new specification which replaces subject options such as Graphic Products, Textiles and Resistant Materials.

Students taking this subject will learn common core Design and Technology content but will specialise in specific material areas.

Students will develop and apply the knowledge, understanding and skills required to undertake the iterative design process of exploring, creating and evaluating. Students will also need to demonstrate mathematical and scientific knowledge and understanding in relation to design and technology.

| Unit title and description | Assessment | Weighting |
|--|--|-------------------|
| <ul style="list-style-type: none"> Paper 1 <p>Section A – Core technical principles (20 marks) A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.</p> <p>Section B – Specialist technical principles (30 marks) Several short answer questions (2–5 marks) and one extended response to assess a more in-depth knowledge of technical principles.</p> <p>Section C – Designing and making principles (50 marks) A mixture of short answer and extended response questions including a 12 mark design question.</p> | <p>Written paper</p> <p>2 hours</p> | <p>50%</p> |
| <ul style="list-style-type: none"> Non-examined assessment <p>Practical application of core technical, specialist technical and designing & making principles (100 marks)</p> | <p>Design & Make project</p> <p>30-35 hours</p> | <p>50%</p> |

| Core technical principles | Specialist technical principles – delivered through one material area | Designing & making principles |
|---|---|---|
| <ul style="list-style-type: none"> • New & emerging technologies • Energy storage & generation • Modern & smart materials • Systems approach to designing • Mechanical devices • Materials & their working properties | <ul style="list-style-type: none"> • Selection of material or components • Forces & stresses • Scales of production • Sources & origins • Using & working with materials • Stock forms, types & sizes • Specialist techniques • Surface treatments & finishes | <ul style="list-style-type: none"> • Investigation, primary & secondary data • Environmental, social and economic challenge • The work of others • Design strategies • Communication of design ideas • Prototype development • Selection of materials and components • Tolerances • Material management • Tools & equipment • Techniques & processes |

Subject Content

Course Aims

- demonstrate understanding that all design and technological activity takes place within contexts that influence the outcomes of design practice
- develop realistic design proposals as a result of the exploration of design opportunities and users' needs, wants and values
- use imagination, experimentation and combine ideas when designing
- develop the skills to critique and refine ideas whilst designing and making
- communicate design ideas and decisions using different media and techniques, as appropriate for different audiences at key points in designing
- develop decision making skills, including the planning and organisation of time and resources when managing project work
- develop a broad knowledge of materials, components and technologies and practical skills to develop high quality, imaginative and functional prototypes
- be ambitious and open to explore and take design risks in order to stretch the development of design proposals, avoiding clichéd or stereotypical responses
- consider the costs, commercial viability and marketing of products

Progression

The subject provides a route into a number of level 3 courses, but is particularly suited to A-level Product Design.

Design Technology supports a wide range of career paths: Engineering, Architecture, Interior Design, Surveying, Product Design, Furniture Design, Graphic Design, Art, Illustration, Media Studies, Transport Design, Advertising, and Urban Design.

Drama

Exam Board: AQA

Specification code: 8261

QAN code: 601/8575/2

What does GCSE Drama involve?

It involves studying different theatre styles and genres, scripts and live theatre. It also involves scripting and devising your own work. You will participate in workshops and complete written work to support the theoretical side of Drama. You will watch and write about live theatre and learn about Theatre Practitioners, Directors and Companies.

Is it all practical?

No, you will face a written exam at the end of the year and will also complete some written coursework – a performance log. You need to do practice writing about your performances along the way. Why? It improves your acting ability. The written work allows you to reflect on your skills and evaluate what you have made– as you would at A-level and degree level.

Why study Drama?

Britain's biggest ever cultural export is still a playwright. The Creative Industries in the UK continue to grow and employ millions of people. There are numerous different careers related to Drama – not just acting!

What do I need to study the course?

Ideally you will have a love of Drama and enjoy performing. You need to be willing to work with a variety of people and be prepared to work outside of school hours for evening and weekend rehearsals. As the written exam counts for 40% percent of your overall grade, it is useful, although not essential, if you enjoy English and write well.

This qualification is linear meaning students undertake all non-exam assessment in the certification year and sit the written exam at the end of the course.

Content

The subject content for GCSE Drama is divided into **three components**:

1. Understanding drama
2. Devising drama



3. Texts in practice**Component 1: Understanding drama**

What is it?

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

How it's assessed

Written exam: 1 hour and 45 minutes

Open book

80 marks

40% of GCSE

Questions

Section A: multiple choice (4 marks)

Section B: four questions on a given extract from the set play chosen (46 marks)

Section C: one two-part question (from a choice) on the work of theatre makers in a single live theatre production (30 marks)

Component 2: Devising drama (practical)

What is it?

- Process of creating devised drama
- Performance of devised drama (students may contribute as performer or designer)
- Analysis and evaluation of own work

How it's assessed (marked by teachers and moderated by AQA.)

Devising log (60 marks)

Devised performance (20 marks)

80 marks in total

40% of GCSE

Component 3: Texts in practice (practical)

What is it?

Performance of two extracts from one play (students may contribute as performer or designer)

Free choice of play but it must contrast with the set play chosen for Component 1.

How it's assessed (marked by AQA)

- Performance of Extract 1 (25 marks) **and** Extract 2 (25 marks)
- 50 marks in total
- 20% of GCSE

Engineering

Specification AQA GCSE Engineering

Specification code: 8852

QAN code: 603/0719/5

The subject content is split into six sections. This subject content should be taught within a range of realistic contexts based around the major themes in the specification. To gain the most from the specification, sections will benefit from being taught holistically. For example, the properties of particular materials could be taught in a practical environment.

The subject content is presented in three columns. The left-hand column contains the specification content that all students must cover, and that is assessed in the written papers and/or NEA. The central column gives additional information that teachers require ensuring that their students study the topic in appropriate depth and, where appropriate, gives teachers the parameters in which the subject will be assessed.

Students must also demonstrate mathematical knowledge and understanding, in relation to engineering. The right-hand column throughout this section illustrates where the maths skills and knowledge can be applied to the wider engineering content.

<http://filestore.aqa.org.uk/resources/engineering/specifications/AQA-8852-SP-2017.PDF>

Students will also need to demonstrate mathematical and scientific knowledge and understanding in relation to design and technology.

| Course content | |
|--|---|
| Engineering materials | Materials & their properties Metals & Alloys Polymers Composites Other materials Materials cost & supply Factors influencing design of solution |
| Engineering manufacturing processes | Additive manufacturing Material removal Shaping Casting & moulding Joining & assembly Heat & chemical treatment Surface finishing |
| Systems | Mechanical systems Electrical systems Electronic systems Structural systems Pneumatic systems |

| | |
|--|--|
| Testing and investigation | Modelling & calculating Testing Aerodynamics |
| The impact of modern technologies | |
| Practical engineering skills | |

Assessments

What's assessed

Sections 1–6 from the subject content.

Though the 'Practical engineering skills' section will predominantly be assessed through the NEA, some questions in the written exam will relate to practical contexts and students will need to apply their understanding within these contexts.

How it's assessed

- Written exam: 2 hours
- 120 marks
- 60% of GCSE

Questions

- Multiple choice questions assessing breadth of knowledge.
- Short answer questions assessing in depth knowledge, including calculations.
- Multiple choice questions related to the application of practical engineering skills.
- Extended response questions drawing together elements of the specification.

Progression

The subject provides a route into a number of level 3 courses, but is particularly suited to A-level Product Design.

Engineering supports a wide range of educational and career paths: Aerospace, Automotive, Civil, Mechanical Engineering, and Product Design & Architecture.

Hospitality and Catering

WJEC LEVEL 1 / 2 AWARD

Entry codes: 5569UA, 5569UB, 5569U2, 5569QA

QAN code: 601/7703/2

<https://www.wjec.co.uk/qualifications/hospitality-and-catering/>

This award has been designed to support learners who want to learn about this vocational sector and the potential it can offer them for their careers or further study. It is most suitable as a foundation for further study. This further study would provide learners with the opportunity to develop a range of specialist and general skills that would support their progression to employment. Employment in hospitality and catering can range from waiting staff, receptionists and catering assistants to chefs, hotel and bar managers and food technologists in food manufacturing. All of these roles require further education and training either through apprenticeships or further and higher education.

This Qualifications aims to:

Develop knowledge, skills and understanding through tasks that have many of the characteristics of real work in the sector.

Units of the course are devised around the concept of a 'plan, do, review' approach so that learners take part in practical activities in different contexts in order to learn the related theories.

This approach mirrors many work related activities in the hospitality and catering sector and also provides for learning in a range of contexts. As such, the qualification is designed to provide learners with a broad appreciation of work in the hospitality and catering sector and wider opportunities for progression into further education, employment or training.

This approach also enables learners to learn in such a way that they develop:

Skills required for independent learning and development

A range of generic and transferable skills

The ability to solve problems

The skills of project based research, development and presentation

The fundamental ability to work alongside other professionals, in a professional environment

| Unit | Assessment | Weighting |
|-------------|--|------------------|
| Unit 1 | The Hospitality and Catering Industry – Onscreen assessment | External |
| Unit 1 | The Hospitality and Catering Industry – Paper based assessment | External |
| Unit 2 | Hospitality and Catering in Action | Internal |

Economics

Aims of the 9-1 course

Syllabus: OCR J205

QAN code: 603/0143/0

The GCSE Economics course uses basic economic concepts to enable learners to develop the ability to apply this knowledge to real-life situations in a range of local, national and global contexts, whilst at the same time understanding the perspectives of different economic stakeholders. The course is taught using teacher-led discussion, case studies, newspaper articles and extracts from current affairs programmes.

| Unit title and description | Assessment | Weighting |
|--|---|-------------------|
| <p>01: Introduction to Economics</p> <p><i>Introduction to Economics topics include:</i></p> <ul style="list-style-type: none"> • Main economic groups and factors of production • The basic economic problem <p><i>The role of markets and money topics include:</i></p> <ul style="list-style-type: none"> • The role of markets: primary, secondary, tertiary, factor and product markets • Demand (curve) and elasticity of demand • Supply and elasticity of supply • (Equilibrium) Price and quantity (diagrams) and their interpretation • Competition in a market economy (including how, monopoly and oligopoly differ from competitive markets) • Production including calculation of costs, revenues, profit and loss • The labour market (including calculations of gross and net pay) • The role of financial markets including the role of banks, building societies and insurance companies and how interest rates affect the levels of saving, borrowing and investment | <p>Written paper June 2022</p> <p>90 minutes</p> <p>80 marks, of which:</p> <p>20 marks are multiple choice questions (MCQs)</p> <p>The rest (60 marks) are: Short case studies with related short and medium response questions, as well as 6 extended writing / mini essays (6 x 6 mark questions).</p> | <p>50%</p> |
| <p>UNIT 02: National and International Economics</p> <p><i>Economic objectives and the role of government topics include:</i></p> <ul style="list-style-type: none"> • Economic growth (measurement, causes, benefits / costs) • Low unemployment (types of unemployment / causes and consequences of unemployment) • Fair distribution of income (including calculating income and wealth) | <p>Written paper June 2022</p> | <p>50%</p> |

| | | |
|--|--|--|
| <ul style="list-style-type: none"> ● Price stability (measurement of inflation, its causes and consequences and analysing historical data) ● Fiscal policy (government spending and taxation and redistribution policies) ● Monetary policy (impact on policy objectives and on economic indicators) ● Supply-side policies (including how to help meet government objectives and its benefits / costs) ● Limitations of markets (market failure and possible solutions) <p><i>International trade and the global economy</i> topics include:</p> <ul style="list-style-type: none"> ● Importance of international trade (including the EU) ● Balance of payments (including the importance of the current account to the UK economy) ● Exchange rates (including drawing diagrams to analyse supply and demand changes) ● Globalisation (including how development is measured and its impact on developed and developing countries) | <p>90 minutes</p> <p>80 marks, of which:</p> <p>20 marks are multiple choice questions (MCQs)</p> <p>Short case studies with related short and medium response questions, as well as extended writing (6 mark questions)</p> <p>Some numeracy required and mini-essays amount to 36/80. If you are good at English / enjoy writing, then the subject is for you!</p> | |
|--|--|--|

Skills Covered

Knowledge and understanding of real life daily / world economic problems and issues –you will learn how to explain and evaluate economic problems and possible solutions

Understand how markets operate and the roles of consumers, producers or workers within markets

Problem-solving and the interpretation of economic` data (including calculation of percentage changes)

Build economic arguments, making informed judgements by using economic concepts and quantitative evidence through the use, application and interpretation of data

Decision-making and evaluation (of government policies)

Consider moral, ethical and sustainability issues that arise as a result of the impact of economic activity

Progression

The course is ideal for progression to AS and A Level OCR Economics and for an Oxbridge related Economics degree. It is also good preparation for other social science courses such as Business, Government and Politics, History or Sociology. It links well with Maths /Geography too. Possible careers include: accountancy, law, banking (economist), finance, retail management, HR, sales and advertising and politics.

Calendar of events (No controlled assessment)

| Y10 Aut1 | Y10 Aut1 | Y10 Spring 1 | Y10 Spring 1 | Y10 Sum 1 | Y10 Sum 2 |
|---------------|----------|--------------|--------------|-----------|-----------------|
| Unit 1 taught | Unit 1 | Unit 1 | Unit 1 | Unit 1 | Unit 1 / Unit 2 |
| Y11 Aut1 | Y11 Aut1 | Y11 Spring 1 | Y11 Spring 1 | Y11 Sum 1 | Y11 Sum 2 |

| | | | | | |
|--------|--------|--------|--------|----------------|--|
| Unit 2 | Unit 2 | Unit 2 | Unit 2 | Unit 1,2 recap | |
|--------|--------|--------|--------|----------------|--|

Geography

Syllabus Link: <http://qualifications.pearson.com/en/qualifications/edexcel-gcses/geography-b-2016.htm>

Exam Board: Edexcel

Specification code: EDEXCEL Geography GCSE specification B (1GB0)

QAN code: 601/8135/7

| Assessment | Form | Weighting |
|---|---|-----------|
| Global Geographical Issues | 1 hour 30 minute written paper with three 30-mark sections. The exam includes multiple-choice questions, short open, open response, calculations and 6-mark and 8-mark extended writing questions. | 37.5% |
| UK Geographical Issues | 1 hour 30 minute written paper with three 30-mark sections. The exam includes multiple-choice questions, short open, open response, calculations and 6-mark and 8-mark extended writing questions. | 37.5% |
| People & Environment Issues, Making Geographical Decisions. | 1 hour 15 minute written paper Section A: People and the biosphere Section B: Forests under threat Section C: Consuming energy resources Section D: Making a geographical decision The exam includes multiple-choice questions, short open, open response and extended writing questions. Section C will include 6-mark extended writing questions and Section D will offer a choice of one from three decisions assessed through a 12-mark extended writing question. | 25% |

Aims

Geography GCSE gives students the opportunity to understand more about the world, the challenges it faces and their place within it. This GCSE course will deepen understanding of geographical processes, illuminate the impact of change and of complex people-environment interactions, highlight the dynamic links and interrelationships between places and environments at different scales, and develop students' competence in using a wide range of geographical investigative skills and approaches. Geography enables young people to become globally and environmentally informed and thoughtful, enquiring citizens.

Content

Global Geographical Issues

Topic 1: Hazardous Earth – An overview of the global circulation of the atmosphere and changing climate. Plus, two depth studies of an extreme weather hazards (tropical cyclones) and tectonic hazards at contrasting locations.

Topic 2: Development dynamics – an overview of the scale of global inequality. Plus, a depth study of how one emerging country (India) is developing and the consequences for people, environment and the country's relationship with the wider world

Topic 3: Challenges of an urbanising world – an overview of the causes and challenges of rapid urbanisation across the world. Plus, one depth study of a megacity (Mumbai) in a developing or emerging country.

UK Geographical Issues

Topic 4: The UK's evolving physical landscape: 2 studies of coastal and river landscapes including coastal change & conflict and river processes & pressures.

Topic 5: The UK's evolving human landscape: 2 studies of Dynamic inner-cities and Changing rural settlements.

Topic 6: Geographical investigations – including one human fieldwork task (Stratford) linked to either Inner cities or rural settlements and one physical fieldwork task linked to coasts 9Walton-on-the-Naze)

People & Environment Issues

Topic 7: People and the biosphere – an overview of the global distribution and characteristics of large-scale ecosystems, why the biosphere is important to human well-being and how humans use and modify it in order to obtain resources.

Topic 8: Forests under threat – a detailed study of tropical rainforests and the taiga, looking at processes and interactions and issues related to their biodiversity and to their sustainable use and management.

Topic 9: Consuming energy resources – a study of renewable and non-renewable energy, its supply and demand, access and energy security issues, its sustainable use and management.

All three topics will form the basis of the decision-making context. Students will be expected to draw across their conceptual knowledge and understanding from the whole course

SKILLS: The study of Geography at GCSE develops and examines the following skills:

Numeric, graphic and cartographic skills. Data and information research skills. Statistical analysis.

Critical and reflective thinking. Decision making.

Geographical investigations, the experience of fieldwork help students to develop new geographical insight.

Students must carry out two investigations in Topic 6, comprising one human and one physical study.

Progression

Geography is a truly multifaceted subject it has clear and valuable links with both the Humanities and Science subjects. It is a valued subject by higher education institutions and many key professions. It is an EBACC subject. This course provides an excellent basis for study at A Level and Tertiary Level.

History

Exam Board: Edexcel ([weblink](#))

Specification code: 1H10

QAN code: 601/8092/4

Assessment

| Content | Assessment | Weighting |
|---|-----------------------------------|------------|
| Paper 1: Thematic study and historic environment <ul style="list-style-type: none"> Migrants in Britain, c800-present and Notting Hill, c1948-1970 | Written exam 1 hour 15 minutes | 30% |
| Paper 2: Period study and British depth study <ul style="list-style-type: none"> Anglo-Saxon and Norman England, c. 1060-c.1088 Superpower relations and the Cold War, 1941-1991 | Written exam 1 hour 45 minutes | 40% |
| Paper 3: Modern depth study <ul style="list-style-type: none"> Weimar and Nazi Germany, 1918-1939 | Written exam 1 hour 20 minutes | 30% |

Aims of the course

The course is designed to stimulate an interest in, and an enthusiasm for, the study of the past. This syllabus introduces students to the history of different time periods and cultures throughout the world. By the end of the course, students will be equipped with detailed knowledge and understanding of the different topics studied as well as a wide range of important transferable skills. We hope the study of this course will make the present day more understandable and enable students to carry that understanding and interest into their future lives.

Units studied

Anglo-Saxon and Norman England, c. 1060-1088: Includes the study of the key features of Anglo-Saxon England, the events and impact of the Norman Conquest, the methods by which William the Conqueror secured his power over England, and life and society in Norman England.

Migrants in Britain, c800-present and Notting Hill, c1948-1970 The Migration option includes a wide variety of case studies from around Britain s

- The city of York under the Vikings
- Sandwich and Canterbury in the sixteenth century: the experiences of Flemish and Walloon migrants and their role in the local economy
- The experience of Huguenots in seventeenth century England
- Liverpool in the nineteenth century: its role in migration and the experiences of migrants, including Irish migrants
- The experience of Jewish migrants in the East End of London in late nineteenth century
- Bristol in the mid-twentieth century: the experiences of migrants and their impact on society
- The experience of Asian migrants in Leicester from 1945.

Weimar and Nazi Germany, 1918-1939: Includes the study of the impact of the First World War on Germany, the founding of the Weimar Republic, Hitler's rise to power, the methods and means of Nazi control and dictatorship, and life in Nazi Germany in the lead up to the Second World War.

Superpower relations and the Cold War, 1941-91: Includes the study of the origins of the Cold War in the years following the Second World War, key crises in the European Cold War across the middle of the 20th century, and the decline of Soviet power leading to the end of the Cold War.

Main skills covered

Students will gain historical knowledge and understanding, and be able to communicate it clearly and effectively. They will be able to understand and evaluate a range of historical evidence. They will understand and be able to explain how the events of the past have helped to shape the present.

Progression

History is a useful general qualification which is acceptable for a full range of A Level and vocational qualifications. It is valued not only in terms of the understanding it provides students but also important transferable skills, useful in any career choice.

Calendar of study

| | | |
|----------------|--|--|
| Year 10 | Anglo-Saxon and Norman England, c. 1060-c.1088 | Migrants in Britain, c800-present and Notting Hill, c1948-1970 |
| Year 11 | Weimar and Nazi Germany, 1918-1939 | Superpower relations and the Cold War, 1941-1991 |

BTEC Tech Award - Health and Social Care

Exam board Pearsons

QAN code: 603/0395/5

<https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/health-and-social-care/2017/specification-and-sample-assessments/tech-award-HSC-spec.pdf>

Who is the qualification for?

The Pearson BTEC Level 1/Level 2 Tech Award in Health and Social Care (Qualification Number: 603/0395/5), is for learners who want to acquire technical knowledge and technical skills through vocational contexts as part of their Key Stage 4 learning. The qualification recognises the value of learning skills, knowledge and vocational attributes to complement GCSEs. The qualification will broaden the learners experience and understanding of the varied progression options available to them.

What does the qualification cover?

The Award gives learners the opportunity to develop sector-specific knowledge and skills in a practical learning environment. The gain focus is on four areas of equal importance, which cover the:

- development of key skills that prove your aptitude in health and social care such as interpreting data to assess an individual's health
- process that underpins effective ways of working in health and social care, such as designing a plan to improve an individual's health and wellbeing
- attitudes that are considered most important in health and social care, including the care values that are vitally important in the sector, and the opportunity to practise applying them
- knowledge that underpins effective use of skills, process and attitudes in the sector such as human growth and development, health and social care services, and factors affecting people's health and wellbeing.

This Award complements the learning in GCSE programmes such as GCSE English. It will complement the more theoretical aspects covered by GCSE Biology or GCSE Psychology by allowing you to apply your knowledge and skills practically in a vocational context.

What can the qualification lead to?

Study of the qualification as part of Key Stage 4 learning will help learners to make more informed choices for further learning, either generally or in this sector. The choices that learners can make post-16 will depend on their overall level of attainment and their performance in the qualification. Learners who generally achieve at Level 2 across their Key Stage 4 learning might consider progression to:

- A Levels as preparation for entry to higher education in a range of subjects
- study of a vocational qualification at Level 3, such as a BTEC National in Health and Social

Care, which prepares learners to enter employment or apprenticeships, or to move on to higher education by studying a degree in aspects of health or social care. Learners who generally achieve at Level 1 across their Key Stage 4 learning might consider progression to:

- study at Level 2 post-16 in a range of technical routes designed to lead to work, to progression to employment, to apprenticeships or to further study at Level 3. For these learners, the attitudes and the reflective and communication skills covered in this qualification will help them achieve
- study of health and social care post-16 through the study of a Technical Certificate. Learners who perform strongly in this qualification compared to their overall performance should strongly consider this progression route as it can lead ultimately to employment in the health or social care sector.

Components

Learners are required to complete and achieve all three components in the qualification.

1 Human Lifespan Development

2 Health and Social Care Services and Values

3 Health and Wellbeing

Synoptic

The three components focus on the assessment of knowledge, skills and practices. These are all essential to developing a basis for progression and, therefore, learners need to achieve all components in order to achieve the qualification.

The components are interrelated and they are best seen as part of an integrated whole rather than as totally distinct study areas. Learners will normally take this qualification over a two-year period or longer. This means that they must be given the opportunity to build their confidence in understanding the sector, vocational contexts and vocational attributes over a long period during the course of study before they are assessed. As the interrelated components are not linked to occupational roles, certification is not available at component level.

Assessment

The three components in the qualification give learners the opportunity to develop broad knowledge and understanding of health and social care at Levels 1 and 2.

Internal assessment

Components 1 and 2 are assessed through internal assessment. Internal assessment for these components has been designed to relate to achievement of application of the conceptual underpinning for the sector through realistic tasks and activities. This style of assessment promotes deep learning through ensuring the connection between knowledge and practice. The components focus on:

- the development of core knowledge and understanding of human growth and development, how people deal with major life events, health and social care services
- the development and application of skills such as: practical demonstration of care values, together with the ability to reflect on own performance
- reflective practice through the development of skills and techniques that allow learners to respond to feedback and identify areas for improvement using relevant presentation techniques, for example a logbook.

Internal assessment is through assignments that are subject to external standards verification. For setting assignments, we provide authorised assignment briefs and guidance in each component. This means that you can adapt materials to your local contexts and assess assignments that provide the valid and rigorous final summative assessment for each component.

You will make grading decisions based on the requirements and supporting guidance given in the components. For further information on using and assessing through assignments, including resubmissions.

External synoptic assessment

There is one external assessment, Component 3, it provides the main synoptic assessment for the qualification. Component 3 builds directly on Components 1 and 2, and enables learning to be brought together and related to a real-life situation.

Component 3: Health and Wellbeing requires learners to apply performances skills and techniques in response to a brief and stimulus developing group performance workshop for a selected audience.

The design of this external assessment ensures that there is sufficient stretch and challenge, enabling the assessment of knowledge and understanding at the end of the learning period. The external assessment is based on a key task/key tasks that requires learners to demonstrate that they can identify and use effectively an appropriate selection of skills, techniques, concepts, theories and knowledge from across the whole qualification in an integrated way.

The external assessment takes the form of a set task/external assessment taken under supervised conditions, which is then marked and a grade awarded by Pearson. Learners are permitted to resit the external assessment once during their programme by taking a new assessment. The external assessment comprises 40 per cent of the total GLH of the qualification and is weighted accordingly in the calculation of the overall qualification grade. This component should be delivered and assessed at the end of the course of study.

Media Studies

<http://www.edugas.co.uk/qualifications/media-studies/gcse/>

QAN Code: C680QS

Aims of the course:

Learners study a range of media forms including: newspapers, television, music video and online, social and participatory media in order to understand how the world of the media affects us in our daily lives.

Main skills covered:

Media Studies covers a range of skills that students will have encountered in KS3 including, written analysis, evaluation and creativity. There are also many new skills such as learning to use design programmes such as Photoshop; Media Studies is a multi-disciplined subject where elements of design, photography and writing are brought together to create texts and to analyse their meaning and effectiveness.


Component 1: Exploring the Media


Written examination: 1 hour 30 minutes

40% of qualification

Section A: Exploring Media Language and Representation



This section assesses media language and representation in relation to two of the following print media forms: magazines, marketing (film posters), newspapers, or print advertisements. There are two questions in this section:

 one question assessing media language in relation to one set product (reference to relevant contexts may be required)

 one two-part question assessing representation in relation to one set product and one unseen resource in the same media form. Part (a) is based on media contexts. Part (b) requires comparison through an extended response.

Section B: Exploring Media Industries and Audiences

This section assesses two of the following media forms: film, newspapers, radio, video games. It includes:

-  one stepped question on media industries
-  one stepped question on audiences.

Component 2: Understanding Media Forms and Products

Written examination: 1 hour 30 minutes

30% of qualification

This component assesses all areas of the theoretical framework and contexts of the media in relation to television and music.

Section A: Television, Crime Drama

🎬 one question on either media language or representation, which will be based on an extract from one of the set television programme episodes to be viewed in the examination (reference to relevant contexts may be required)

🎬 one question on media industries, audiences or media contexts.

Section B: Music (music videos and online media)

🎬 one question on either media language or representation (reference to relevant contexts may be required)

🎬 one question on media industries, audiences or media contexts.

Component 3: Creating Media Products

Non-exam assessment

30% of qualification

For this units students are given a brief (which changes each year) and have to create a fully functioning and realistic media product that appeals to a particular audience. Students may be asked to create a website, magazine cover, video or audio product.

This linear qualification will be available for assessment in May/June each year. It will be awarded for the first time in summer 2019.

Progression

Students often opt to study Film Studies, Media Studies or Photography at A Level. Many students progress onto careers in journalism, film making and work in the creative media industries after Media GCSE.

Modern Languages

Examination board for all languages: AQA

French Specification Code: 8658

QAN Code: 601/8157/6

Spanish Specification Code: 8698

QAN Code: 601/8160/6

Mandarin Specification Code: 8673

QAN Code: 603/1210/6

We offer three languages at Key Stage 4 for those already studying them in year 9: French, Spanish and Mandarin. Each language will be in a separate options column, so for students currently doing two languages this means that they can choose both languages for GCSE, with an equal timetable allocation of 5 lessons per fortnight. Alternatively they can choose their first language and not their second, or vice versa. Students studying one language are encouraged to continue with the subject for GCSE, when they will also have 5 lessons per fortnight.

If you are on the Mandarin Excellence Programme you must choose this as one of your options. You will do GCSE as well as the MEP assessments and qualifications.

The exam board we use for all three languages is AQA. Specifications and sample exam papers can be found here:

[French Specification](#)

[Spanish Specification](#)

[Mandarin Specification](#)

We offer a trip to China and a France and a Barcelona exchange in year 10. Please note that due to COVID we have not been able to go ahead with the trips in the last 3 years and it will all depend on how things develop throughout the year.

Subject aims and learning objectives

The aims and objectives of these qualifications are to enable students to:

- develop their ability to communicate confidently and coherently with native speakers in speech and writing, conveying what they want to say with increasing accuracy
- express and develop thoughts and ideas spontaneously and fluently
- listen to and understand clearly articulated, standard speech at near normal speed
- deepen their knowledge about how language works and enrich their vocabulary in order for them to increase their independent use and understanding of extended language in a wide range of contexts
- acquire new knowledge, skills and ways of thinking through the ability to understand and respond to a rich range of authentic spoken and written material, adapted and abridged, as appropriate, including literary texts

- develop awareness and understanding of the culture and identity of the countries and communities where the language is spoken
- be encouraged to make appropriate links to other areas of the curriculum to enable bilingual and deeper learning, where the language may become a medium for constructing and applying knowledge
- develop language-learning skills both for immediate use and to prepare them for further language study and use in school, higher education or employment
- develop language strategies, including repair strategies.

Content

Questions across all four language skills are set in common contexts, addressing a range of relevant contemporary and cultural themes. They are organised into three themes, each broken down into topics and sub-topics (details available via the specification, linked above).The three themes are:

- Identity and culture
- Local area, national, international and global areas of interest
- Current and future study and employment

Assessment:

Assessment will be by four externally examined papers at the end of the course in year 11. Listening, Speaking, Reading and Writing will each be examined and will each contribute 25% to the overall grade. More details on each component are available in the specifications, linked above. Speaking exams are conducted by teachers and marked by AQA.

Music

Exam Board: Edexcel

Specification code: 1MUO

QAN code: 601/8204/0

Allocation of marks & units studied: 60% Coursework = Practical 30% & Composition 30%

Assessment:

- Practical exams (30%) are recorded in the school recording studios at specified times through the 2-year course. Final completion **February**.
- Composition Coursework (30%) is submitted to teachers at specified times through the 2 year course for marking and moderation. Final completion **February**.
- Written paper (40%) 1hour 45 minute paper based on a cd (not tiered) sat in **May/ June**.

Remember:

- Students must **sing or play one instrument** and maintain **weekly instrumental or vocal lessons** (either in school or privately). We would expect playing or singing to reach at least grade 3-5 by the end of Year 11, although the graded examination does not have to have been taken. We appreciate that some students may be more advanced than this at the start of the course, and some may be at an earlier stage of learning. Performance marks are scaled according to the difficulty level.
- **It is expected that all students support one extra – curricular music group each week within school to develop their ensemble skills, broaden their repertoire and rehearsal/ performance experiences.**
- The demands of composition coursework will require additional time spent beyond the lesson time
- **Students will need to be able to read music, or show a willingness to learn, in order to cope with the written paper which analyses 8 set works, some from a notated score.**

Aims of the course:

- Designed for students with an active interest in music and music making across all styles of music; classical, jazz, popular and world fusion.
- Students who learn a second instrument may demonstrate this through composition coursework (30%) and ensemble performance (15%).
- Haringey Music and Performing Arts Centre subsidise the cost of termly instrumental / vocal lessons for GCSE music students to the value of £28 per 10 lessons and offer cheap hire of orchestral instruments.
- Opportunities to attend concerts, workshops, music tours etc. are arranged by the music department. These are to broaden students' musical experience and although helpful to the course, are not compulsory. In addition, we aim to provide opportunities for students to work with professional musicians e.g. collaborations with West End professionals, performance workshops, and composer – in – residence.
- Classes are mixed ability and usually have approximately 16 students in each.

Content:

- Work independently and collaboratively with other students on learning new music, preparing for live performances in class and concerts
- Performance & recording skills; how to engage an audience, and how best to practise
- Compositional skills and techniques; creating 2 minute pieces
- Increase your knowledge of the software Logic Pro and Sibelius 6 following on from Year 9
- Analyse 8 set works; what do professional composers do (past and present)
- Strengthen the way we can talk about, discuss and explain in a formal writing style and using extensive music vocabulary.

Main skills covered:

- Performance (solo & ensemble)
- Composition (Logic Pro and Sibelius programs using iMacs)
- Written analysis (essay writing and listening with discrimination)
- Expansive music vocabulary and theory

Progression:

- Music develops many key skills sought by employers e.g. creativity and thinking skills, collaboration, ICT, improving own learning and performance, listening, communication, leadership and self-discipline.
- Students who achieve Grade B or above at GCSE level could progress on to the AS music or Music Technology course. Related music courses include Performing Arts and Media/Theatre Studies.

Controlled assignments calendar and percentage:

60% Coursework: Practical exams 30% & Composition 30%

- End of Y10 exams – Summer term Y10
- Year 11 Mock exams – Autumn term Y11
- Final practical exams – Spring term Y11

Music Technology

Exam Board: Edexcel Syllabus

Specification code: BTEC first

QAN code: 600/6818/8

Allocation of marks - Students complete 3 coursework units and one exam unit

Assessment – Working in the music industry is assessed with a 40 min exam, all other units are assessed by collating evidence of work throughout the unit. Evidence is typically comprised of videos of group presentations/discussions, meeting notes, teacher observations, finished compositions and promotional material.

Aims of the course – The BTEC course aims to offer a vocational music option at KS4. Each unit is taught with an emphasis on real-world music industry situations such as preparing for a performance or creating, managing and promoting a music product.

Modules / units studied - Managing a Music Product (**compulsory – 25% of final mark**), Working in the Music industry (**compulsory 25% of final mark**), Introducing Performance (**optional – 25%**), Introducing Music Sequencing (**optional - 25%**) and Introducing Music Recording (**compulsory - 25% of final mark**). Students complete all units but the best two marks are taken from the 3 optional units to calculate the final grade.

Content –

- Working in the Music industry – students learn about the structure of the music industry, the function and interaction of its many parts and the various job roles that people undertake.
- Managing a Music Product – students create a music product (e.g. an album/E.P.) and promotional material (e.g. press release/radio advert)
- Introducing Performance – students prepare a recital performance for the current year 9s
- Introducing Composition – students learn to compose to a brief using Logic Pro
- Introducing Music Recording – students learn to use studio equipment to record a band

Main skills covered – There is a heavy emphasis on independent learning within the marking criteria as students are encouraged to develop their problem solving and leadership skills throughout the course.

Progression – Students could progress to a Level 3 BTEC in music or music technology and A level music technology.

Controlled assignments calendar and percentage -

| Yr | | Coursework set | Hand in | Weighting |
|----|------------------------------|---------------------------|-----------------------|-------------------------|
| 10 | Managing a Music Product | Autumn Term 2, Year 1 | Spring Term 1, Year 1 | 25% (compulsory) |
| | Introducing Music Recording | Spring Term 2, Year 1 | Summer Term 1, Year 1 | 25% (compulsory) |
| 11 | Introducing Music Sequencing | Summer Term 2, Year 1 | Autumn term 1, Year 2 | 25% (optional) |
| | Introducing Performance | Autumn Term 2, Year 2 | Spring term 1, Year 2 | 25% (optional) |
| | Music Industry | Exam - June Year 2 | | 25% (compulsory) |

GCSE Physical Education

Exam Board-OCR

Course Code: J587

Qualification number: 601/8442/5

| Content Overview | Assessment Overview | |
|--|--|--------------------------------|
| Applied anatomy and physiology Physical training | Physical factors affecting performance (01) 60 marks 1 hour written paper | 30% of total GCSE |
| Socio-cultural influences Sports psychology Health, fitness and well-being | Socio-cultural issues and sports psychology (02) 60 marks 1 hour written paper | 30% of total GCSE |
| Practical activity assessment Analysing and Evaluating Performance (AEP) | Performance in physical education (03)* 80 marks non-exam assessment (NEA) | 40% of total GCSE |

* Indicates inclusion of synoptic assessment.

Aims of the Course;

- To develop knowledge and practical skills in a wide range of activities
- To examine the effects of exercise and how training can improve performance
- To discover ways to improve your own performance
- To gain an understanding of the scientific principles of sports performance

Content;

Theory Topics:

Anatomy & Physiology, Movement Analysis, Physical Training, Use of Data, Health Fitness & Wellbeing, Sport Psychology, Socio-Cultural Influences on Sporting participation,

Practical Topics:

Students will perform a wide range of sports to develop their technical and tactical ability. Other sports not offered in school may also be considered for assessment (e.g. Skiing)

Main Skills Covered;

- Strong knowledge of the body systems and how are used and they adapt to training
- Practical, coaching and officiating ability
- Fitness gains
- Risk assessments
- Leadership, cooperation, and teamwork
- Analytical skills
- Theoretical knowledge of the role of science in sport

Progression;

- AS and A Level PE
- BTEC Level 3 Sport and Exercise Sciences
- Coaching and officiating opportunities
- Science based courses (notably Biology)
- Psychology & Sociology based courses

Controlled Assessments;

- Practical Activities are assessed throughout the year and moderated externally in Easter of Year 11
- Coursework controlled assessments take place in December / January of Year 11

BTEC Level 1/Level 2 Tech Award in Sport (2022)

Qualification Number: 603/7068/3

What does the qualification cover?

The Tech Award gives learners the opportunity to develop sector-specific applied knowledge and skills through realistic vocational contexts. Learners will have the opportunity to develop applied knowledge and skills in the following areas:

- **Preparing Participants to take part in Sport and Physical activity** - this includes the different types of physical activity and providers, the needs of participants, barriers to participation and ways to overcome these barriers. Equipment and technology required to take part in sport is also included. Learners will also develop an applied understanding of physiology and anatomy as they learn how to plan and deliver a warm up to prepare participants to take part in sport and physical activity.
- **Taking part and improving other participants' sporting performance** - this includes the components of fitness and how they are used in different types of sport; practical participation in sport and the rules and regulations in sport and ways to improve other participants sporting performance through planning and delivery of sports drills and conditioned practices.
- **Developing Fitness to improve other participants' performance in sport and physical activity** - this covers fitness testing, training and programming for different types of participants to improve their sport and physical activity performance.

How will I be assessed?

The Pearson BTEC Level 1/Level 2 First Award in Sport includes one externally assessed unit. This will help learners as they progress either into higher levels of vocational learning or to related academic qualifications, by providing independent assessment evidence of learning alongside the portfolio-based assessment. This approach will also assist learners in developing a range of transferable skills, and in applying their knowledge in unfamiliar contexts. The remaining units are internally assessed. Internal assessment enables learners to develop a wider range of skills and provide evidence towards meeting the unit assessment criteria. Evidence for assessment can be generated through a range of activities, including written work, practical performance and verbal presentations.

Synoptic assessment

There is one internal unit, Unit 3, which provides the main synoptic assessment for the qualification. Unit 3 builds directly on Units 1 and 2 and enables learning to be brought together and related to a real-life situation. The assessment will be completed in 1.5 hours within the period timetabled by Pearson. 60 marks.

Where will this take me?

If you are interested in taking your study of sport further, the subject-specific knowledge and skills outlined above, and developed through studying this qualification, will give you a strong foundation for academic or vocational study at level 3, including apprenticeships.

What other subjects go well with sport?

This qualification is designed to be taken as part of a broad and balanced curriculum at Key Stage 4. It will go particularly well alongside GCSEs in EBacc subjects (including biology), GCSEs in creative subjects (such as drama, music and art) and/or other Technical Awards (e.g. BTEC Health and Social Care, BTEC Business or Tech Award DIT) to provide both curriculum

Qualification structure

This qualification is taught over 120 guided learning hours (GLH).

Religious Studies

Religious Studies GCSE - EXAM BOARD AQA – SPEC A

QAN code: 601/8400/0

Specification code: 8062

Religious Studies GCSE gives you the chance to study the major world religions, what their followers believe, and how these beliefs affect people's lives. It also explores the philosophical ideas behind these beliefs, and the ethical implications of following religious rules. As such, it is the perfect GCSE for those who enjoyed Philosophy, Religion and Ethics (PRE) in Years 7-9.

You will be challenged with questions about belief, values, meaning, purpose and truth, enabling you to develop your own attitudes towards religious issues. You will also gain an appreciation of how religion, philosophy and ethics form the basis of our culture. You will develop analytical and critical thinking skills, the ability to work with abstract ideas, evaluative and research skills. All of these will help prepare you for a range of options after your GCSEs – although it is not a necessary requirement, Religious Studies GCSE is a very good way to prepare yourself for Philosophy A Level. It will also equip you for further study in many related A Level subjects including Politics, Sociology, History, English and Classical Civilisation.

The GCSE is taught in two equal parts –

Component 1 - Religion

We study **Buddhism** and **Christianity**. You will learn about the founders of each religion, and the teachings on an afterlife, and the existence (or not) of God. You will read and analyse scriptures from both religions, and then look at how these teachings can be applied in modern British society.

Component 2 - Philosophy and Ethics

We study Philosophy and Ethics through four topics, using beliefs from Christianity, Buddhism and Humanism.

The Existence of God and Revelation – philosophical arguments for and against the existence of God, the characteristics of God and knowledge of God.

Religion and Life – the origins and value of the universe and the origins and value of human life. Religious teachings and beliefs about animals, the environment, abortion, euthanasia and death.

Religion, Crime and Punishment – the causes of crime, and attitudes towards punishment.

Religion, Human Rights and Social Justice – Knowledge of human rights, justice, equality and freedom of expression. Attitudes towards prejudice and discrimination and wealth and poverty.

The main skills you will gain in Religious Studies GCSE include...

Learning about and analysing the key teachings of two religious traditions

Gaining an understanding of religious and non-religious attitudes towards contemporary ethical issues

Critical analysis of how relevant religious beliefs and values are to these ethical issues

Evaluating philosophical ideas about the origin of the universe and life on earth

Exploring and evaluating a wide range of religious and non-religious views on the nature of society

Textual analysis and ability to identify different interpretations of scripture and religious writing

Expressing and developing your own views using reasoned arguments.

Assessment

You will sit two exams at the end of Year 11, one on component 1 and one on component 2. Each one is one hour and three quarters. You will be tested on your knowledge and understanding, and also your skills of analysis and evaluation.

Religious Studies students have often commented that this is their favourite GCSE subject. It will challenge your existing beliefs, even if you think you don't have any, and it will provide you with new ways of thinking about the world. Lessons always include the opportunity to debate and discuss ideas, and many of the issues we discuss will have a real and lasting effect on how you live your life.

Sample exam questions

2 mark questions

Give two religious beliefs about eating meat.

Give two examples of what religious people could do to protect the environment

Give two religious beliefs about how people might experience God's presence through the natural world.

4 mark questions

Explain two similar religious beliefs about the sanctity of life.

Explain two different religious beliefs about how the human race began.

Explain two similar religious beliefs about what happens after death.

Explain two ways in which the Buddha's enlightenment influences Buddhists today.

5 mark questions

Explain 2 Christian beliefs about salvation. Refer to scripture or sacred writings in your answer

Explain 2 ways that Christian charities help the poor in less economically developed countries. Refer to Christian teachings in your answer.

Explain 2 of the Buddha's teachings about the three marks of existence

12 mark questions (essay question)

'Euthanasia can be the most compassionate way to help someone who is terminally ill'

"Capital Punishment should never be used"

"The Crucifixion is more important to Christians than the resurrection"

'Jesus' teaching about wealth has no relevance for Christians today.'

"Compassion is more important in Buddhism than meditation"

The stories of the Buddha have no relevance for Buddhists today"

Evaluate this statement - Your answer should include the following: religious arguments that support the statement, religious arguments that disagree with the statement, an evaluation of the best argument and your conclusion. You can also include non-religious points of view in your answer.

Sociology

Exam board AQA (8192)

QAN code: 603/0798/5

<https://www.aqa.org.uk/subjects/sociology/gcse/sociology-8192>

Component 1: The sociology of families and education

Written examination: 1 hour 45 minutes

50% of qualification on the following topic areas:

- The sociology of families
- The sociology of education
- Relevant areas of social theory and methodology

Component 2: The sociology of crime and deviance and social stratification

Written examination: 1 hour 45 minutes

50% of qualification on the following topic areas:

- The sociology of crime and deviance
- The sociology of social stratification
- Relevant areas of social theory and methodology

Both exams are a fully written assessment with a mix of short answer, structured questions and essays answers, all compulsory. The essay questions will require candidates to draw together different areas of knowledge, skills and/or understanding from across the relevant specification content.

This AQA GCSE specification in Sociology requires learners to:

- Apply their sociological knowledge, understanding and skills to develop an understanding of relationships and tension between social structures and individual agency within a UK and global context
- Critically analyse information and use evidence in order to make informed arguments, reach substantiated judgements and draw conclusions
- Use and apply their knowledge and understanding of how social structures and processes influence social control, power and inequality
- Use sociological theories to understand social issues, debates, social changes and continuities over time
- Understand and evaluate sociological methodology and a range of research methods
- Use sociological terminology appropriately and make connections between the key areas of subject content.

What you will learn

- First you will learn how **society** and **culture** affects influences our **lives, values, and identity**.
- We'll debate whether our identity is **something we're born with** or **something learnt** using examples such as feral children and cultural diversity.
- You'll learn the agents of socialisation: **family, education, media** and **peer groups**; plus how **gender, class** and **ethnic identity** affects who we are.

Topics covered

- **Families** including different family structures, the changing roles of men and women and whether the importance of family is declining in modern society.
- **Education** including the reasons for educating people, different strategies that are used by schools and how education is affected by gender, social class and ethnicity.
- **Crime and deviance** including the causes of crime, patterns of criminal behaviour and theories of how we should best tackle criminality.

Perspectives taken

- **Functionalist** views that focus on society as parts that work together in harmony to maintain a state of balance.
- **Marxist** views that focus on the struggle between social classes asserting that capitalism is inherently exploitative.
- **Feminist** views that focus on power and how this affected by sexual orientation, race, economic status and nationality.
- **New Right** views that have influenced the political right, are pessimistic about modern society and want to return to the 'golden age' which emphasises traditional values, capitalism and economic freedom.

Progression

The natural progression for students taking the Sociology GCSE is the very popular Sociology A Level. This GCSE will equip students for further study in many related A Level subjects including, Government and Politics, Philosophy, History, and English.

The challenges

Sociology is a highly engaging but challenging subject at GCSE. Students will learn many new concepts and key terminology but most enjoy applying this new knowledge to issues in society.

- **Essay writing** skills are important as most of your marks will come from essay questions. *All assessment is exam based.*
- **Research Methods** including understanding how sociological research is conducted and being able to critically evaluate different methods.
- **New theories and terminology** including the different perspectives taken in sociology and how these apply to views on specific issues within society.

Home Languages

Should you want to do a home language you can sit the qualifications below at Fortismere. We do not provide any tuition or support but act as an exam centre for all papers, including arranging for an examiner for the speaking exam component. We advise doing these exams in year 10. If you are interested contact prainey@fortismere.org.uk before the end of December of the academic year you would like to be entered.

| LANGUAGE | EXAMINING BOARD |
|--|--|
| Arabic | Pearson Edexcel Level1/Level 2 GCSE |
| Bengali | AQA Level1/Level 2 GCSE |
| Biblical Hebrew | Pearson Edexcel Level1/Level 2 GCSE |
| Chinese (spoken Mandarin/spoken Cantonese) | Pearson Edexcel Level1/Level 2 GCSE AQA Level1/Level 2 GCSE |
| Classical Greek | Pearson Edexcel Level1/Level 2 GCSE OCR Level1/Level 2 GCSE |
| French | Pearson Edexcel Level1/Level 2 GCSE AQA Level1/Level 2 GCSE |
| German | Pearson Edexcel Level1/Level 2 GCSE AQA Level1/Level 2 GCSE |
| Greek | Pearson Edexcel Level1/Level 2 GCSE |
| Gujarati | Pearson Edexcel Level1/Level 2 GCSE |
| Italian | Pearson Edexcel Level1/Level 2 GCSE AQA Level1/Level 2 GCSE |
| Japanese | Pearson Edexcel Level1/Level 2 GCSE |
| Latin | WJEC Eduqas Level 1/Level 2 GCSE OCR Level1/Level 2 GCSE |
| Modern Hebrew | AQA Level1/Level 2 GCSE |
| Panjabi | AQA Level1/Level 2 GCSE |
| Persian | Pearson Edexcel Level1/Level 2 GCSE |
| Polish | AQA Level1/Level 2 GCSE |
| Portuguese | Pearson Edexcel Level1/Level 2 GCSE |

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| Russian | Pearson Edexcel Level1/Level 2 GCSE |
| Spanish | Pearson Edexcel Level1/Level 2 GCSE AQA Level1/Level 2 GCSE |
| Turkish | Pearson Edexcel Level1/Level 2 GCSE |
| Urdu | Pearson Edexcel Level1/Level 2 GCSE AQA Level1/Level 2 GCSE |