

GCSE Course Handbook

BE YOU. BRILLIANTLY.

GCSE COURSES

In Key Stage 4, students will take up to 9 GCSEs including the core compulsory subjects:

- 1. English Language GCSE and English Literature GCSE or English IGCSE
- 2. Mathematics GCSE
- 3. Combined Science (2 GCSEs) or Separate (3 GCSEs)

See subject pages for detailed guidance on each of these subject areas.

How many Option subjects need to be chosen?

Students will be able to select four option subjects.

Reasons to choose a subject:

- If the student enjoys it
- If they are good at it and feel they would achieve a good grade to have on their CV
- If it will support future choices (A Levels, University, Apprenticeship, Job...)
- To achieve a balance e.g. a language, a humanities subject and an arts subject

Reasons not to choose a subject:

- Because the student likes a particular teacher
- · Because their friends are doing it
- · Because someone in their family did it
- Because it sounds new or different.

If, after the option blocks have been constructed, or within the first term of Year 10, a student realises that the choice they have made is not right, changes are still able to be made, in consultation with staff. After the start of Year 10, any change of subjects may be possible but would need to be discussed with the subject teacher and Head of Year as some subjects may not be available.

Tiers

Some GCSE courses enable students to take the exam at one of two levels, or tiers, depending on their ability in the subject and likely final grade. Subject staff will advise.

SEN Students

If you have any questions regarding the best route and choices for your child, please contact the SENCO to arrange a meeting or phone call.

Grades

GCSE qualifications are graded on a scale of Grade 1 up to Grade 9, with Grade 9 being a measure of the highest attainment possible. The graphic shows how the number grading system compares to the old letter grades.

- Grade 4 is considered a "Standard pass".
- Grade 5 is considered a "Good pass".

Old grades	New grades
A*	9
Α	7
В	6
С	5 STRONG PASS 4 STANDARD PASS
D	3
E	2
F	2
G	1
U	U

Source: Ofqual















Art & Design GCSE, Examination Board OCR, Course Code J171

Do you enjoy learning and looking at the world around you? Do you enjoy sketching, spending time developing a piece of art and take pride in getting quality outcomes? If so, GCSE Art and Design could be right for you!

Learning techniques such as tonal drawing, painting, collage, printmaking and ceramics, you will learn to experiment and develop your ideas, focusing on several artists to guide and inspire your journey.

Following the OCR syllabus, the breakdown of the course is 60% coursework and 40% exam project. For your coursework you will take on board two projects; a skills-based project and a personal one allowing you to take on something more individual. In the January of Year 11 you are sent several themes from the exam board, you will then prepare and develop your ideas, resulting in a planned practical project which you will sit over a 10-hour period.

Within this course there is an emphasis on developing and refining your practical skills. Good time management is important, and you will need to work independently, be committed to working outside of the classroom and be self-motivated.

Visits to national galleries and artist workshops will enable students to collect contextual information and research relevant artists to relate to a personally selected theme.

Art and Design could lead to several pathways including Illustration and Graphic Design, Art Curator, Advertising and Art Therapy.

Ella English, former GCSE Art student and now at AW6 studying Art A-level says: "It is one of the subjects that teaches you to be independent and you have a say in your pathway – it is one of those subjects that allows you to work freely, and you come out

with something accomplished".

Exam	Duration
Coursework	Throughout the course
Exam Project	10 hour period

BUSINESS GCSE, Examination Board Edexcel, Course Code 1BSO

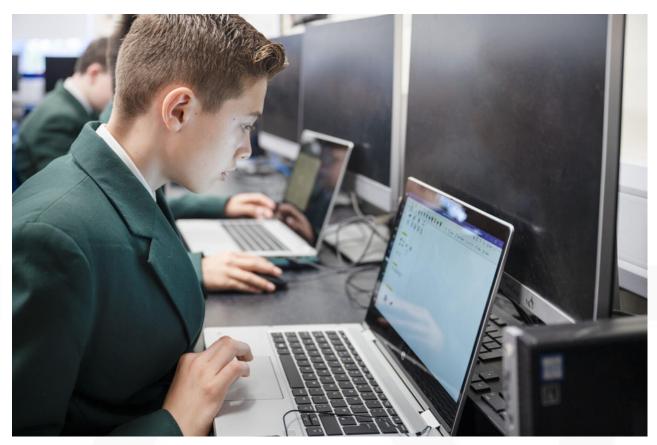
Business is designed to equip our students with the comprehensive knowledge and skills they will need to overcome challenges presented during their future study and Students apply their careers. knowledge and understanding to different business contexts ranging from small enterprises to large multinationals operating in local, national and global contexts. Students develop an understanding of how these contexts impact on business behaviour.



You will start by exploring the world of small businesses through the lens of an entrepreneur. How and why do business ideas come about? What makes a successful business? Students will learn how to develop an idea, spot an opportunity and turn it into a successful business. They will also understand how to make a business effective, manage money and see how the world around us affects small businesses and all the people involved.

Students will then investigate business growth. How does a business develop beyond the start-up phase? They will study key business concepts, issues and decisions required to make when growing a business and working in a global business. They will learn about meeting customer needs, marketing, operational, financial and human resourcing decisions and exploring how the wider world impacts the business as it grows.

Exam	Duration
Paper 1: Investigating Small Business	1 hour 45 mins
Paper 2: Building a Business	1 hour 45 mins



Computer Science GCSE, Examination Board OCR, Course Code J277

The future of computing is constantly changing with new demands emerging every year. Do you want to be at the cutting edge of artificial intelligence and human-computer interaction? Would you like to pioneer the development of biomedical engineering and medicine? How about developing better security for computer systems or supporting the future of digital democracy? Wherever your career path may take you, a GCSE in Computer Science will enable you to take that next step.

The focus of the course is developing you as a computational thinker who, when confronted with any type of problem, can determine a range of possible approaches and consider the needs of the end-user and the tools at your disposal. Through problem solving, designing systems and understanding human and machine intelligence, we will help you develop and extend your skills in an exciting and engaging manner.

Exam	Duration
Paper 1: Computer systems	1 hour 30 mins
Paper 2: Computation thinking	1 hour 30 mins



Design & Technology GCSE, Examination Board Edexcel, Course Code 1DT0(F)

Design and Technology enables students to understand and apply iterative design processes through which they explore, create and evaluate a range of outcomes. The qualification enables students to use creativity and imagination to design and make prototypes that solve real and relevant problems, considering their own and others' needs, wants and values. It also gives students opportunities to apply knowledge from other areas of the curriculum, including mathematics, science, art and design, computing and humanities.

Students acquire subject knowledge in design and technology that builds on Key Stage 3, incorporating knowledge and understanding of different materials and manufacturing processes to design and make, with confidence, prototypes in response to issues, needs, problems and opportunities. Students learn how to take design risks, helping them to become resourceful, innovative and enterprising citizens.

Through the critique of the outcomes of design and technology activity, both historic and present day, students should develop an understanding of its impact on daily life and the wider world and understand that high-quality design and technology is important to the creativity, culture, sustainability, wealth and wellbeing of the nation and the global community. In the context of this document, the term 'prototype' refers to a functioning design outcome. A final prototype could be a highly finished product, made as proof of concept before manufacture, or working scale models of a system where a full-size product would be impractical.

Exam	Duration
Paper 1: Focus on a variety of materials, with specific theory based around the area of timbers.	1 hour 45 mins
Paper 2: Non-examined assessment, coursework portfolio and completed outcome, with a choice of three topics set by Edexcel.	Time advised by the teacher



Drama GCSE, Examination Board AQA, Course Code 8261

Do you enjoy working practically and creatively as part of a group, using your imagination and bringing stories in different styles and forms to life?

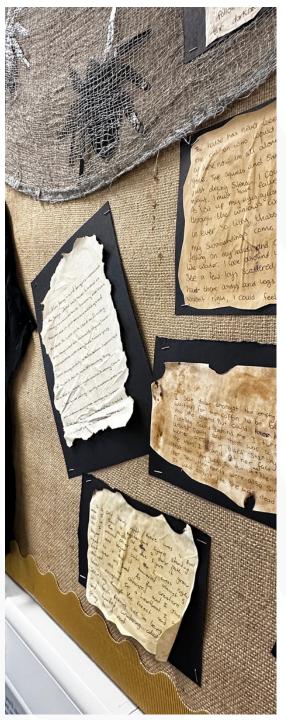
The GCSE Drama course is extremely dynamic. The Devising component is worth 40% of the overall GCSE grade and you have a chance, as part of a company, to create a completely new performance idea from a stimuli. You also have the opportunity to record your work in a log in which you explore your response.

The Text in Practice component worth 20%, explores different play texts and styles, and you learn how to take scripts from page to stage. Towards the end of year 11 you perform two extracts from a play as part of a company. You can also choose a design route such as lighting, sound, costume to name a few choices and then create a portfolio of your design creation.

All aspects of the written exam in Drama make up 40% of the overall GCSE grade and are explored practically. We study an exciting set text play throughout the course and we act out and design scenes, discovering a practical and exciting way to respond to the questions in the written exam.

During the course there will also be a chance to see live theatre, in the local area and London's west end, which you then evaluate.

Exam	Duration
Understanding Drama – Written Paper	1 hour 45 mins
Devising Drama - Practical & Written Non-Exam Assessment Portfolio – Externally marked	Time advised by the teacher
Texts in Practice – Practical Exam	Time advised by the teacher



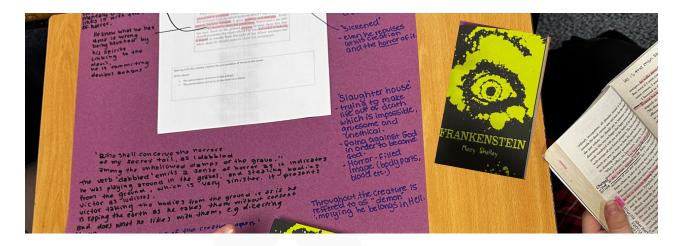
English Language GCSE, Examination Board AQA, Course Code 8700

The AQA English Language course is immersive and engaging. It is designed to help students develop their language skills to the highest possible level. Through a combination of traditional classroom instruction, interactive online activities, and real-world application, students are equipped with the tools they need to excel in both academic and professional settings.

In addition to traditional grammar instruction, the course also places a strong emphasis on developing reading comprehension skills. Students are exposed to a wide range of texts, studying extracts from contemporary literature to travel writing and biographies from which they will develop their language analysis and inference skills.

Written communication is another key focus of the AQA English Language course. Students are taught how to craft well-structured letters, speeches and articles when presenting their views on a range of topics. The course places a strong emphasis on oral communication skills. Students engage in regular debates and presentations, giving them opportunities to practice their speaking, listening and presentation skills in a safe and supportive environment.

Exam	Duration
English Language Paper 1	1 hour 45 mins
English Language Paper 2	1 hour 45 mins



English Literature GCSE, Examination Board AQA, Course Code 8702

'Beware; for I am fearless, and therefore powerful' Shelley, Frankenstein.

The AQA English Literature course is an exciting journey through some of the most iconic and thought-provoking works of literature ever written. Students are immersed in the dark and twisted world of Macbeth, where ambition and greed consume a once noble character. You will also study a classic Victorian novel and either grapple with the ethical implications of creating life itself in Mary Shelleys' Frankenstein, or explore the transformative power of redemption in Charles Dickens' A Christmas Carol.

You will also delve into the intricacies of love and relationships through a selection of poetry, from passionate sonnets by Elizabeth Barret Browning to an analysis of family relationships from former Poet Laureate Simon Armitage.

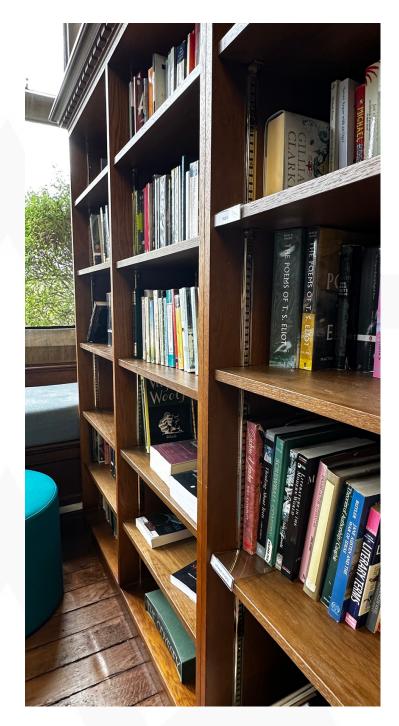
As you work your way through this diverse curriculum, you'll hone your analytical and interpretive skills, learning to dissect complex characters, themes, and symbolism. Engaging in lively classroom discussions, collaborative group projects, and individual writing assignments that will challenge you to think critically and creatively about the texts you're studying.

Exam	Duration
English Literature Paper 1	1 hour 45 mins
English Literature Paper 2	2 hours 15 mins

IGCSE English, Examination Board Cambridge (CIE), Course Code 0990

This course offers students the to develop opportunity comprehension, analysis and inference skills. In developing reading skills, students will engage with a range of genres and text types from the twentieth and centuries, twenty-first including literature, fiction and non-fiction and other forms of writing, such as discursive essays, reviews and articles. This includes a focus on writers' use of language and style and the ways in which writers achieve effects and influence readers. Candidates will use their study of different texts to inform and inspire their own writing as half the qualification consists of three of coursework pieces which assesses their ability to write persuasively and creatively.

There is one exam at the end of the course (50%) and three pieces of coursework (50%) are completed across the two years.



Exam	Duration
iGCSE English Literature Paper 1	2 hours
Coursework	Completed over two years



Film Studies GCSE, Examination Board Edugas, Course Code C670QS

Film is an important part of many people's lives. Those who choose to study it characteristically bring with them a huge enthusiasm and excitement for all things film which constantly motivates them in their studies. They experience a powerful medium which inspires a range of responses from the emotional to the reflective as they are drawn into characters, their narratives and the issues films raise.

The root of that power is the immersive audio-visual experience film offers - one which can exploit striking cinematography, composition and locations, as well as powerful music and sound. At Akeley we are fortunate to have a film studio which has been equipped with a green screen, digital lighting, HD cameras and a teleprompter for presentations.

The WJEC Eduqas specification in GCSE Film Studies is designed to draw on learners' enthusiasm for film and introduce them to a wide variety of cinematic experiences through films which have been important in the development of film and film technology. Film Studies is an analytical subject that explores the world of the film and the meanings encoded within films as texts. It is suitable for students who enjoy analysing cinematography and sound as art forms, and those that like to question the world around them. As well as those students that like to 'tell stories' of their own through film. The course also develops students' independent learning and critical thought.

Exam	Duration
Key Development in US Film – Written Exam Paper	1 hour 30 mins
Global Film – Written Exam Paper	1 hour 30 mins
Production - Non-Exam Assessment	Time advised by the teacher

Food Preparation & Nutrition GCSE, Examination Board AQA, Course Code 8585

The GCSE Food Preparation and Nutrition course is an exciting and creative course which focuses on practical cooking skills to ensure students develop a thorough understanding of nutrition, food provenance and the working characteristics of food materials. Most of the course is practical so parents should be prepared to supply ingredients and/or cover any costs associated.

Food preparation skills are integrated into five core topics:

- 1. Food, nutrition, and health
- 2. Food science
- 3. Food safety
- 4. Food choice
- 5. Food provenance



Exam	Duration
Paper 1, Written Exam: Theoretical knowledge of food preparation and nutrition from Topics 1 to 5 above	1 hour 45 mins
Task 1, Non-Exam Assessment: Food Investigation	Time advised by Teacher
Task 2, Non-Exam Assessment: Food Preparation	3 hours

Task 1 comprises a food investigation demonstrating students' understanding of the working characteristics, functional and chemical properties of ingredients. This is evidenced by written or an electronic report including photographic evidence of the practical investigation.

Task 2 comprises a food preparation assessment demonstrating students' knowledge, skills and understanding in relation to the planning, preparation, cooking, presentation of food and application of nutrition related to the chosen task. Students will prepare, cook and present a final menu of three dishes within a single period of no more than three hours, having planned how this will be achieved. This is evidenced by written or electronic portfolio including photographs.



Geography GCSE, Examination Board AQA, Course Code 8035

At Akeley Wood, the Geography curriculum is designed to develop students' curiosity and fascination about the world and its people, and an understanding of the physical and human processes that shape our world and the interactions between these. Our hope is that students will gain knowledge of both local, national and global issues and this will result in them becoming engaged global citizens.

Topics

- Living with the physical environment As part of the physical component of the AQA course, students will study topics such as natural hazards, the physical landscapes of the UK and the living world. As part of this component students will carry out a physical fieldwork study that will involve a trip.
- Challenges in the human environment As part of the human component of the course, students will delve into topics such as urban issues and challenges, the changing economic world and the challenge of resource management. As part of this component, students will carry out a human fieldwork study that will involve a trip.

Finally, throughout the two years, students will focus on several geographical skills that will enable them to evaluate geographic issues. For the Paper 3 component, students will have to apply the knowledge and skills they have gained throughout the duration of the course to several geographic sources to evaluate a current geographical issue.

Exam	Duration
Paper 1 – Living with the physical environment	1 hour 30 mins
Paper 2 – Challenges in the human environment	1 hour 30 mins
Paper 3 – Geographical applications	1 hour 30 mins

History GCSE, Examination Board AQA, Course Code 8145(SA)

This course provides the opportunity to study history from a variety of perspectives including political, social, and economic, thereby helping students appreciate the diversity and complexities of the societies studied. The course actively engages students in the process of historical enquiry to develop them as effective and independent learners with enquiring minds, ready for the challenge of being leaders in the 21st Century.



Topics

Understanding the modern world.

- Section A: Period study America, 1920-1973: Opportunity and Inequality. This allows students to focus on a substantial and coherent medium time span of at least 50 years. The study will require students to understand an unfolding narrative of substantial developments and issues.
- Section B: Wider world depth studies Conflict & tension between East and West, 1945-1972. Depth studies enable students to focus on a substantial and coherent short time span. The studies enable students to gain understanding of the complexities of a society or historical situation and the interplay of different aspects within it.

Shaping the nation.

- Section A: Thematic study Britain: Health and the people: c.1000 to the present day.
 This enables students to understand change and continuity across a long sweep of history.
- Section B: British depth studies & the historic environment Norman England: c.1066-c.1100. The study of the historic environment should focus on a particular site in its historical context and enable students to study the relationship between a place and historical events and developments. There is no requirement to visit the site.

Exam	Duration
Paper 1 – Understanding the Modern World	2 hours
Paper 2 – Shaping the Nation	2 hours

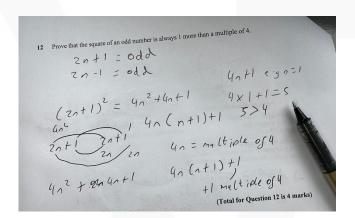
GCSE Maths, Examination Board Edexcel, Course Code 1MA1

Students follow Pearson Edexcel GCSE in Mathematics. This builds on their studies and skills from previous years but also introduces new and more challenging topics. Students are assessed at either Foundation or Higher Tier in each assessment objective and the final tier of entry is decided in Year 11.

Mathematics encompasses a wide range of numeracy skills which students will need to use in a variety of ways throughout their life. This course aims to equip students with the right skills to meet these challenges. GCSE Mathematics will also provide an important foundation for many of the courses you may take in employment or further education.

Content

- Number
- Algebra
- Ratio, Proportion and Rates of Change
- Geometry and Measures
- Probability
- Statistics



The new Assessment Objectives place greater emphasis on mathematical problem solving and mathematical reasoning and communication.

These Assessment Objectives are:

- A01: Use and apply standard techniques.
- A02: Reason, interpret and communicate mathematically.
- A03: Solve problems within mathematics and in other contexts.

Exam	Duration
Maths Paper 1 Non-Calculator	1 hour 30 mins
Maths Paper 2 Calculator	1 hour 30 mins
Maths Paper 3 Calculator	1 hour 30 mins

French GCSE, Examination Board AQA, Course Code 8658 Spanish GCSE, Examination Board AQA Course Code 8698

In today's inter-connected world, the ability to communicate in a foreign language is a highly valued skill at all levels. Learning another language can enhance employment prospects whatever career students are considering. A GCSE in a modern foreign language is an interactive course rewarding practical communication and adding an international dimension to the curriculum.

These courses help students to:

- · Demonstrate skills in speaking, listening, reading and writing.
- Develop knowledge and understanding of communities where the language is spoken.
- Work towards a higher degree of fluency.
- Provide a suitable foundation for further study and build interpersonal and intercultural skills.

KUMUSTA

BONJOUR

Assessment is set in the context of three themes:

- Theme 1: People and lifestyle
- Theme 2: Popular culture
- Theme 3: Communication and the world around us

The course, which builds on Years' 7 and 8 vocabulary, allows pupils to make fast progress and to understand what it is to be a global citizen. French and Spanish are rich and vibrant subjects which help students develop critical thinking and problem-solving skills, while deepening their cultural knowledge.

Exam	Mark Percentage	Duration
Paper 1 Listening	25%	35 mins Foundation 40 mins Higher
Paper 2 Speaking	25%	15 mins prep 7-9 mins Foundation 10-12 mins Higher
Paper 3 Reading	25%	45 mins Foundation 1 hour Higher
Paper 4 Writing	25%	1 hour 10 min Foundation 1 hour 15 min Higher



Music GCSE, Examination Board AQA, Course Code 8271

Do you enjoy making and listening to music? Do you sing or play a musical instrument? If so, then GCSE Music could be the right choice for you.

Through studying GCSE Music, you will develop skills in performing and composing using voices and/or instruments. You will also develop skills in listening and responding to music from a variety of historical periods as well as developing an awareness and understanding of cultural and stylistic aspects of music.

Following the AQA syllabus, the course is split into three core components, Understanding Music, Performing Music and Composing Music.

Students with a genuine interest in performing and composing are suitable candidates. It is ideal for students to be at least Grade 3 (or equivalent) at the start of the course, although exceptions may be made in consultation with the Director of Music. It is expected that a Music GCSE student has a weekly lesson on their solo instrument (or voice) and practices regularly. An ability to read music at the start of the course, at least at a very basic level is expected. Students who take GCSE music also must take part in at least one extra-curricular music ensemble.

Please note that students will not be able to select both Music and Music Technology as options because both courses fall under the same specification code.

Exam	Duration
Understanding Music - Written Exam	1 hour 30 mins
Performing Music - Coursework	Two Performances in Year 11
Composing Music - Coursework	Two Compositions in Year 11



Music with Music Technology Focus, Examination Board AQA Course Code 8271

Do you enjoy listening to music? Do you have an interest in music production and how a recording studio works? If so, then GCSE Music with Music Technology Focus might be for you.

Through the study of GCSE Music (Music Technology Focus) you will develop skills performing, composing and listening to music in a wide variety of musical styles - popular music, world music and western classical music. It is worth noting that this course will provide students with a GCSE Music qualification, however, the coursework completed will have a focus on Music Technology as opposed to more traditional music.

Following the AQA syllabus, the course is split into three core components, Understanding Music, Performing Music, and Composing Music.

Students with a genuine interest in performing and composing are suitable candidates. Students must have an interest in Music Technology and prior knowledge of sequencing software would be an asset, however not a necessity. An ability to read music at the start of the course, at least at a very basic level is expected. If you cannot read music well, you may still join the course, but you must expect to have to do catch up work from the start. Students who take GCSE Music also must take part in at least one extra-curricular music club or ensemble.

Please note, students will not be able to select both Music and Music Technology as options because both courses fall under the same specification code.

Exam	Duration
Understanding Music - Written Exam	1 hour 30 mins
Performing Music - Coursework	Two Performances in Year 11
Composing Music - Coursework	Two Compositions in Year 11

PE GCSE, Examination Board AQA, Course 8582

GCSE PE allows students to study the theoretical components of sport, whilst also giving the opportunity for students to further develop their practical skills as a performer.

The course enables students to study the physiology and psychology behind what it takes to be an elite performer, whilst also focusing on the social issues in sport.

Students are assessed in either two team sports and one individual sport or one team sport and two individual sports. Therefore, it is important that students looking to take this course are a strong performer across three sports.

GCSE PE allows students to gain a greater understanding of how the body works and responds to the demands of exercise. It focuses on providing pupils with opportunities to lead a healthy, active lifestyle through participation in a range of activities. The GCSE PE course gives students a wider insight into the world of sport by looking at the analysis and impact of technological, cultural and social reasons why people take part in sport.



Exam	Duration
The Human Body and Movement - Written Exam	1 hour 15 mins
Socio-Cultural Influences - Written Exam	1 hour 15 mins
Practical Performance - Non-Exam Assessment	3 Supervised activities as a performer, (1 team activity, 1 individual activity, and a 3rd in either team or individual activity).
NEA Written Coursework	Application of theoretical content. 10% of overall grade. Developed in class and as independent study, during the full course of study.

GCSE Combined Science, Examination Board OCR, Course Code: J250 OCR

GCSE Separate Sciences, Examination Board OCR, Course Codes: J247 Biology A, J248 Chemistry A, J249 Gateway Physics A

All students follow a common Science course in Year 9. From Year 10, students will follow either the Combined Science course (studying all three sciences and worth two GCSEs) or the three separate science courses (worth three GCSEs). Biology, Chemistry and Physics content will be taught by subject specialists on both routes.

The Combined Science course covers all the same broad topics as the separate science courses, omitting some of the more challenging elements, but the proportion of time dedicated to practical work is similar. It prepares students to take A level courses in Biology, Chemistry and Physics if they wish.

The separate Biology, Chemistry and Physics GCSE courses are more in-depth and act as a bridge between GCSE and A level knowledge. They are more academically demanding so are likely to appeal to students who enjoy the sciences and are interested in studying them at A level or pursuing a STEM career. To follow the separate science pathway, students will need to select this as one of their option choices.

Examinations are sat the end of Year 11, and there is no coursework element. However, practical skills are assessed in the written examination papers.

Guidance will be offered by the science department regarding which of our science courses we believe will allow your child to gain the best possible outcomes in their science GCSEs.



Science	Duration Combined / Separate
Biology 1 & Biology 2, Written papers	1 hour 10 mins / 1 hour 45 mins
Chemistry 1 & Chemistry 2, Written papers	1 hour 10 mins / 1 hour 45 mins
Physics 1 & Physics 2, Written papers	1 hour 10 mins / 1 hour 45 mins



GCSE Textile Design, Examination Board OCR, Course Code J174

Do you enjoy thinking about colour, pattern and texture? Do you think about interior design or fashion design as a potential career? If so, GCSE Textile Design could be right for you!

Learning techniques such as fashion design, pattern cutting, machine embroidery, silkpainting and block-printing you will learn to experiment and develop your ideas focusing on several designers to guide and inspire your journey.

Following the OCR syllabus, the breakdown of the course is 60% coursework and 40% exam project. For your coursework you will take on board two projects; a skills-based project and a personal one allowing you to take on something more individual. In the January of Year 11 you are sent several themes from the exam board, you will then prepare and develop your ideas resulting in a planned practical project which you will sit over a ten-hour period.

Within this course there is an emphasis on developing and refining your practical skills. Good time management is important, and you will need to work independently, be committed to working outside of the classroom and be self-motivated.

Visits to national galleries and artist workshops will enable students to collect contextual information and research relevant artists to relate to a personally selected theme.

Textile Design could lead to several pathways including Fashion Design, Interior Design, Surface Pattern Designer, Textile Artist, Fashion Marketing and Fashion Retail.

Izzy Sumner, former GCSE Textile student – currently at the London College of Fashion says:

"Studying Textiles at GCSE allowed me to explore my creativity while learning valuable practical skills like sewing and garment construction. It is a fantastic way to express yourself through design and see your ideas come to life plus it opens exciting opportunities for future careers in fashion and textile industries".

Exam	Duration
Coursework	Throughout the course
Exam Project	10 hour period

