



YEAR 10 SUBJECT BOOKLET





ART AND DESIGN

GCSE - AQA



COURSE OVERVIEW

GCSE Art and Design will give you an insight into artistic practice through a variety of topics and themes. These range from personal identity to natural form and from 3D design to other cultures.

You will be taught through practical tasks, class discussions, homework, individual tuition, independent study and gallery visits.



WHAT'S COVERED?

- Drawing skills
- Coordination and creative skills
- Drawing and painting techniques
- Printing and 3D studies.
- Understanding of artist styles and approaches to work/context.

ASSESSMENT

You will complete set portfolio coursework tasks which will be assessed by your teacher, who will give you a progress mark and feedback. This will account for 60% of your final grade.



There is also an externally set task with extended preparation time and 10 hours of sustained focused study. This accounts for 40% of your final grade.

STAFF COMMENT

"GCSE Art and Design allows students to express themselves through a variety of media and techniques. They also have the opportunity to visit galleries for inspiration and to learn about the History of Art as well as the technical elements."



NEXT STEPS

This can lead to further study post 16, either A Levels or vocational qualifications. It can also lead to careers in fields such as TV, film, fashion and set design.

For more information, contact Mr Lonsdale.



BUSINESS

GCSE - PEARSON



COURSE OVERVIEW

GCSE Business aids students in gaining a detailed understanding of the aims of businesses, different types of businesses and how businesses operate. There is a focus on small businesses and the entrepreneurial skills required to run them.

STUDENT COMMENT

"Business has helped me understand why businesses make certain decisions and the impact they have. It's great to be able to see what I learn in class working in a real world situation."



WHAT'S COVERED?

- Enterprise and entrepreneurship.
- Putting a business idea into practice.
- Economic Context.
- Marketing, Financial, Operational and Human Resource decisions.
- How to 'grow' a business.

ASSESSMENT

All examinations take place at the end of Year 11. There are 2 examinations, both worth 50% and they consist of calculations, multiple-choice, short-answer and extended writing questions. Some questions are based on business contexts.



NEXT STEPS

This course can lead to A Level or vocation courses in Business Studies or related subjects such as Economics or Travel and Tourism.

For more information, contact Ms Fitzpatrick.



COMPUTER SCIENCE

GCSE - PEARSON



COURSE OVERVIEW

Computer Science will allow you to develop a greater understanding of how computers really work and how technology is best used in an ever-changing society. You will learn skills to solve problems and acquire and apply creative and technical skills.

STUDENT COMMENT

"Computer Science has allowed me to understand the complex decisions computers make and I've really developed my coding skills. The subject is always changing and this keeps it interesting, e.g. cyber-crime."



WHAT'S COVERED?

- Developing an understanding of current and emerging technologies.
- Algorithms in programming.
- Making decisions about using ICT.
- Developing computer programmes to solve problems.



ASSESSMENT

The qualification is made up of 2 written papers which are taken at the end of Year 11. This will include both short answers and essay style questions and an on-screen programming exam.

NEXT STEPS

This course can lead onto further study of Computing or ICT at vocational, academic and degree level. Careers related to science or maths would benefit from programming skills.

For more information, contact Ms Fitzpatrick or Mr Williams



This course is suited to learners with a preference for practical rather than theoretical learning. Students will cover a range of media topics, creating both an e-zinc and a website. As well as the creative computer tasks there will also be extended written tasks.

WHAT'S COVERED?

- Exploring Digital Media Sectors and Audiences.
- Planning and Pitching a Digital Media Product.
- Digital Publishing Productions – Sourcing.
- Combining and Organising Materials.



Two of the units are internally assessed through production of a portfolio. In Year 11, students will complete a task under supervised conditions, in class, that is set and marked by the examination board. This task is worth 40% of the final grade.

STUDENT COMMENT

"I really enjoy the portfolio work as it means I can work independently and not all my grade comes from the examination. The practical nature means I can get involved in my work and it's easy to see how it will help with future jobs".



This course can lead to either A-levels or BTECs. It is valued by employers due to its practical nature and will be useful for creative careers.

For more information, contact Miss Watson and Mrs Wood-Miller.



DRAMA

GCSE - AQA



COURSE OVERVIEW

You will learn how to understand and respond to a range of play texts and stimuli and create the desired impact for your audience. You will investigate social, historical and cultural influences in society through dramatic presentation or through workshops with industry professionals.

STAFF COMMENT

"Students who enjoy Drama GCSE tend to enjoy working as a team and collaborating in order to create work for a live audience to enjoy. Your oracy skills will improve rapidly and you will find that as a result of this you have more confidence to speak in other subjects."



WHAT'S COVERED?

- Acting.
- Some aspects of technical theatre.
- Devising theatre pieces.

ASSESSMENT

You will be assessed in three ways:

- Rehearsal and performance of devised and scripted work
- Written analysis of this work
- Written analysis of a set text and professional live performance.
- 60% of your assessment is a written examination and 40% is practical.



NEXT STEPS

Building your oral and written literacy skills will enable you to succeed in further education or apprenticeships. This course is a good step towards any profession requiring communication and creativity.

For more information, contact Mr Smith.



ENGINEERING MANUFACTURE

CAMBRIDGE NATIONAL LEVEL 1 / 2 OCR



COURSE OVERVIEW

The course will encourage students to understand and apply the fundamental principles and concepts of Engineering Manufacture. Including manufacturing processes, engineering materials, manufacturing requirements and developments in engineering manufacture.

WHAT'S COVERED?

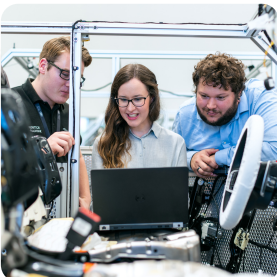
The course is made up of 3 units:-

- Principles of engineering manufacture – Externally assessed examination
- Manufacturing a one-off product – NEA (Non Examined Assessment)
- Manufacturing in quantity – NEA



ASSESSMENT

The two NEA units are assessed through internal written and practical work. The externally assessment unit will be a written examination.



STAFF COMMENT

"This is an exciting subject which is closely linked to science, engineering and maths. According to leading manufacturing and engineering companies, STEM based subjects are favoured when recruiting candidates for jobs. Engineering is a growth industry in the UK."

NEXT STEPS

- A Levels as preparation for entry into higher education in a range of STEM subjects.
- Study of a vocational qualification at Level 3, such as a BTEC National in Engineering, prepares learners to enter employment or apprenticeships, or to move on to studying a degree in engineering.
- The course has links with companies such as BAE systems and Leyland Trucks Ltd.



For more information, contact Mr Howard.



ENGLISH LANGUAGE

GCSE - EDUQAS



COURSE OVERVIEW

By the end of your course you will have developed your English skills to the point where you can express yourself in a wide variety of situations, both in written form and orally. You will develop the ability to write discursively and persuasively. You will acquire many transferable and vital life skills.

STUDENT COMMENT

"I love English Language and it has helped me learn more about different styles of writing. I am now hoping to progress to A Level English language to develop my skills further".



WHAT'S COVERED?

- Non-fiction (19th Century and 21st Century).
- Fiction texts.

ASSESSMENT

There is only one tier of entry, which allows you to achieve grades 9-1. The qualification is 100% examination with spelling, punctuation, vocabulary and grammar comprising 20% of the final grade.



NEXT STEPS

The wide range of texts that you will study will be the basis of a life-long enjoyment of reading. Developing your skills in English to gain the best possible grade is vital for progress into further education or a career.

For more information, contact Miss Kendrick.



ENGLISH LITERATURE

GCSE - EDUQAS



COURSE OVERVIEW

Studying English Literature will help you develop skills to respond to texts critically, sensitively and in detail. You will be able to consider different approaches to texts and alternative interpretations. You will be able to relate texts to social, cultural and historical contexts and literary traditions.

STUDENT COMMENT

"I like studying English Literature because I am able to read and engage with a range of texts from across a long period of time. It helps me in other subjects too like History."



WHAT'S COVERED?

You will study several texts during the course, including:

- Prose from 1789 to the present day.
- Post 1914 drama.
- 19th Century Prose.
- Unseen poetry from the 20th and 21st century.
- A play by Shakespeare.

ASSESSMENT

English Literature is 100% examination. Students are not permitted to take copies of texts into the examination. Spelling, punctuation, grammar and vocabulary comprise 5% of the overall grade.



NEXT STEPS

This course is invaluable to those wishing to continue with arts based courses or for any course or profession requiring the ability to take a critical or analytical stance.

For more information, contact Miss Kendrick



FOOD, PREPARATION AND NUTRITION

GCSE - AQA



COURSE OVERVIEW

GCSE Food, Nutrition and Preparation will allow you to develop a wide range of practical skills that will be of value to you throughout life. These skills include developing practical food preparation techniques to a high level. You will be taught in a variety of ways, including research and practical activities such as sensory analysis and producing finished dishes and products.

STAFF COMMENT

"Students develop cooking skills and knowledge about nutrition and staying healthy. Students are able to make a variety of products."



WHAT'S COVERED?

- Food, nutrition and health.
- Food science.
- Food safety.
- Food choice.
- Food provenance.
- Food preparation.

ASSESSMENT

The assessment consists of a 1 hour and 45 minute examination worth 50% of the grade. There are also two pieces of controlled assessment to be completed in Year 11: Food Investigation and Food Preparation.



NEXT STEPS

Vocational or A Level study including Food, Science, Product Design and PE. It can lead to jobs in the food industry, in nutrition, sports and science, dietetics and biology related careers.

For more information, contact Mrs Hodgkinson.



FRENCH

GCSE - AQA



COURSE OVERVIEW

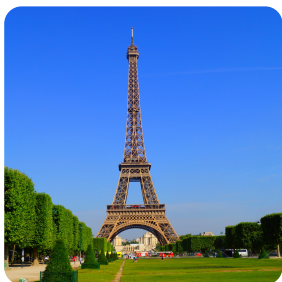
GCSE French will give you an insight into the way of life and cultures of the many countries where the language is spoken. You will develop social skills, build confidence and develop better communication skills. You will have the opportunity to work independently, in pairs and in groups.

STUDENT COMMENT

"The ability to speak a language is a skill valued by employers due to its rarity in today's anglo-centric world."

WHAT'S COVERED?

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



ASSESSMENT

You will be assessed on the four main skill areas:

- Listening.
- Speaking.
- Reading.
- Writing.

There will be three examinations and a speaking test.

All examinations will take place at the end of Year 11.



NEXT STEPS

A French qualification will provide a strong foundation for further study and make you stand out from the crowd. French can be studied at A Level and at University where it can be combined with a variety of other subjects.



For more information, contact Madame White.



GEOGRAPHY

GCSE - AQA



COURSE OVERVIEW

A GCSE in Geography will allow you to develop a deeper understanding of the world in which you live whilst developing analysis, enquiry, numerical, geographical and decision-making skills. During Geography lessons you will be encouraged to develop your knowledge and understanding using different teaching strategies and media. This knowledge and understanding are then applied to different enquiry questions.

STUDENT COMMENT

"Geography is learning about the real world and how it works. We investigate the impact that natural and human factors have on people and the environment. It is a subject that will give me great knowledge, understanding and skills that I can use in life and my chosen career."



WHAT'S COVERED?

- Fieldwork, numerical and geographical skills.
- Natural hazards including climate change.
- Ecosystems focusing on tropical rain forests and hot deserts.
- UK physical, landscapes including rivers and coasts.
- Urban issues and challenges.
- Changing economic world.
- Resource, management focusing on energy.

ASSESSMENT

GCSE Geography is 100% examination. There are two compulsory fieldwork trips. At the end of Year 11 there will be three examinations.

NEXT STEPS

A Levels, Degrees or various vocational courses, apprenticeships. Careers are wide ranging including business, environmental science, urban planning, and finance.



For more information, contact Mrs Evans.



GERMAN

GCSE - AQA



COURSE OVERVIEW

GCSE German will give you an insight into the way of life and cultures of the many countries where the language is spoken. You will develop social skills, build confidence and develop better communication skills. You will have the opportunity to work independently, in pairs and in groups.

STUDENT COMMENT

"Learning a language broadens your opportunities, giving you the chance to delve in to a new culture and opening doors to new experiences."



WHAT'S COVERED?

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

ASSESSMENT

You will be assessed on the four main skill areas:

- Listening.
- Speaking.
- Reading.
- Writing.

There will be three examinations and a speaking test. All examinations will take place at the end of Year 11.

NEXT STEPS

A German qualification will provide a strong foundation for further study and make you stand out from the crowd. German can be studied at A Level and University where it can be combined with a variety of other subjects.



For more information, contact Frau Constable.



HISTORY

GCSE - PEARSON



COURSE OVERVIEW

Our history course allows students to develop a broad understanding of history from medieval times, through to the present day. You will be encouraged to debate historical issues, question the reliability of evidence and assess the extent of change. You will be taught using a range of resources from letters and diaries to video footage.

WHAT'S COVERED?

- Medicine Through Time, including a study of medicine in the WWI trenches.
- Germany between 1918 and 1939, including Hitler's rise to power.
- The Reigns of King Richard and King John,
- Superpower Relations, 1941-1991 (Cold War).



ASSESSMENT

All assessment takes place at the end of Year 11 in three examinations.

STAFF COMMENT

"History is a fascinating subject. This course allows students to learn about significant leaders, discoveries, wars and events. There is something for everyone. History is also a great subject for providing you with analysis and research skills."



NEXT STEPS

GCSE History can lead to A Levels in history, law and politics. History students can go on to have future careers in journalism, television, law, politics or teaching.

For more information, contact Mrs Pountney.



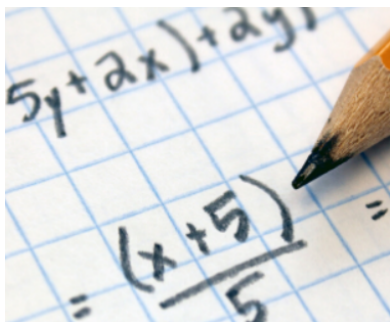
MATHEMATICS

GCSE - PEARSON



COURSE OVERVIEW

In GCSE Mathematics you will learn how to use algebra to solve problems, you will develop skills that will allow you to analyse and interpret data. You will further extend your number work and your understanding of geometry. You will be expected to make notes during lessons and consolidate new skills by working through problems set by the teacher.



STAFF COMMENT

"GCSE mathematics provides students with invaluable skills such as problem solving. These skills are transferrable to outside of the classroom and also to other subjects studied at GCSE. Mathematics is a key subject for entry to college courses."

WHAT'S COVERED?

- Number
- Ratio and proportion
- Algebra
- Statistics and probability

ASSESSMENT

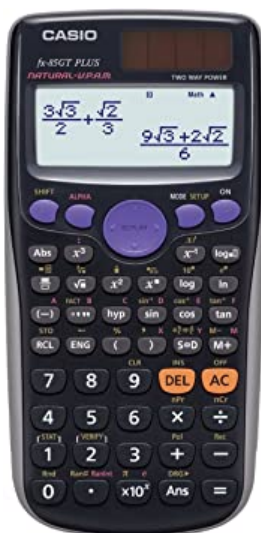
There are two tiers of entry for GCSE mathematics:

- Foundation - Grades 1-5
- Higher - Grades 4-9

You will sit three examinations; one non-calculator and two calculator papers. All examinations are 1 hour and 30 minutes long.

NEXT STEPS

Success in GCSE Mathematics is a key life skill valued by colleges and employers alike. A standard or good pass may lead on to further and higher study.



edexcel

For more information, contact Miss Gilroy.

ASPIRATION - ENDEAVOUR - INTEGRITY - RESPECT



MUSIC

GCSE - PEARSON



COURSE OVERVIEW

You will develop skills in composing, listening and performing music, learn an instrument or learn to sing and create music on computers. Our listening examination is based on 8 pieces of Classical, Popular and World Music.

Important – In order to develop your individual performance you should have lessons on your instrument or voice as rehearsals do not take place during lesson time. Funding and support for this may be available.

WHAT'S COVERED?

Instrumental Music 1700–1820

J.S. Bach: 3rd Movement from Brandenburg Concerto no. 5 in D major

L. van Beethoven: 1st Movement from Piano Sonata no. 8 in C minor 'Pathétique'

Vocal Music

H. Purcell: Music for a While

Queen: Killer Queen (from the album 'Sheer Heart Attack')

Music for Stage and Screen

S. Schwartz: Defying Gravity (from the album of the cast recording of Wicked)

J. Williams: Main title/rebel blockade runner (from Star Wars)

Fusions

Afro Celt Sound System: Release (from the album 'Volume 2: Release')

Esperanza Spalding: Samba Em Preludio (from the album 'Esperanza')



ASSESSMENT

Performance (30%)

You will perform two pieces, one solo and one ensemble performance on an instrument (or voice) of your choice.

Composing (30%)

You will compose two pieces, one to a set brief and one as a free composition. We use the computers to compose.

Final examination (40%)

Our examination is based on 8 set works which we study in detail. In the examination you are asked a range of questions about what you can hear in the pieces using technical vocabulary.



NEXT STEPS

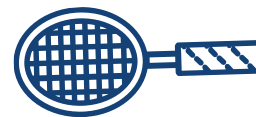
GCSE Music can lead to further study of music and music technology and onto careers in the fields of music, drama and teaching.

For more information, contact Mr Spacey.



PHYSICAL EDUCATION

GCSE - AQA



COURSE OVERVIEW

GCSE PE gives you a chance to try your hand at a variety of sports and learn the theory behind why we train and what happens to our body when we play sport. You will have 6 GCSE PE lessons per fortnight, 1 practical and 5 theory. Due to the practical assessment within this course, it is highly recommended that students play for a club or school team and take part in extra-curricular sport.

STUDENT COMMENT

"GCSE PE consists of more theory than practical, however is still fully enjoyable as the practical side supports my theoretical knowledge."



WHAT'S COVERED?

THEORY:

- Anatomy and Physiology.
- Training Methods.
- Diet.
- Drugs.
- Sport Psychology.
- Sports
- Sociology.

PRACTICAL:

- Trampolining.
- Fitness Testing & Training
- Athletics.
- Hockey.
- Badminton.



ASSESSMENT

The theory (60%) is made up of two written papers taken at the end of the two-year course. The practical assessment (40%) involves being assessed as a performer in three sports within a competitive situation as well as a written piece of controlled assessment.



NEXT STEPS

Careers in teaching, coaching, jobs in the leisure industry or in the emergency services.

For more information, contact the PE Staff.



RELIGIOUS STUDIES

GCSE - AQA



COURSE OVERVIEW

This course will lead to a thorough understanding and knowledge of religion in contemporary society. There will be an emphasis on active learning, including the use of discussion, informed debate and role play.

WHAT'S COVERED?

- Crime and punishment.
- Life and death.
- Peace and conflict.
- Relationships and families.
- Beliefs, teachings and practices of Christianity and Judaism on the nature of God
- Worship and festivals.



STAFF COMMENT

"Studying Religious Studies gives you an insight into a range of religions. In addition, you will improve your discussion and debating skills and give you a wider outlook on the society which we are living in."

ASSESSMENT

You will sit two examinations at the end of Year 11. There is no coursework. General spelling, grammar and punctuation are considered in the marking schemes for extended answers.



NEXT STEPS

GCSE Religious Studies has value for any career or educational course. It will show that you have a good understanding of religious and moral issues, and that you can make intelligent and informed judgements.

For more information, contact Mr Coomer.



SCIENCE

(COMBINED SCIENCE)

DOUBLE AWARD GCSE - AQA



COURSE OVERVIEW

This is a concept-led course developed to meet the needs of students seeking an understanding of basic scientific ideas. The course focuses on scientific explanations and models and gives candidates an insight into how scientists develop scientific understanding of ourselves and the world we inhabit.

WHAT'S COVERED?

- 7 topics of Biology.
- 10 topics of Chemistry.
- 7 topics of Physics.

There is an emphasis on scientific literacy, knowledge and understanding.



STUDENT COMMENT

"Combined Science has given me a great insight into the variety of things which are covered by science. I enjoy doing experiments in all 3 science subjects."

ASSESSMENT

You will sit a total of 6 exams, 2 examinations for **each** subject (Biology, Chemistry and Physics). Each examination is 1 hour and 15 minutes long.



NEXT STEPS

This course works to prepare students for progression to further learning in the sciences in A Level subjects such as Biology, Chemistry, and Physics or vocational courses.

For more information, contact Mrs Downey.



SCIENCE (SINGLE) 3 GCSEs - AQA



COURSE OVERVIEW

This specification provides distinctive and relevant experiences for more able candidates who wish to specialise in the separate sciences.

WHAT'S COVERED?

- 7 topics of Biology
- 10 topics of Chemistry
- 8 topics of Physics

These modules provide an opportunity for developing further understanding of scientific explanations, understanding of how science works and the study of elements of applied science with particular relevance to professional scientists.



STAFF COMMENT

"Studying the sciences separately allows students to gain detailed knowledge on a range of scientific topics such as cell biology, chemical analysis and radioactivity. Students will learn scientific theories as well as practical application of science. A lot of students continue to study science at A Level."

ASSESSMENT

You will sit 2 examinations for the 3 different subjects Biology, Chemistry and Physics. Each examination is 1 hour and 45 minutes.



NEXT STEPS

This course is ideal for students wishing to study individual sciences at A Level or vocational courses. There are a wide range of careers in the science field such as in aerospace, engineering, medicine/dentistry and veterinary.

For more information, contact Mrs Downey.



SPORTS STUDIES



CAMBRIDGE NATIONAL LEVEL 1/2 - OCR



COURSE OVERVIEW

Four units are undertaken over the two year course. One Unit is an external examination. Other units are assignments or projects with most lessons computer based. Cambridge Nationals are recognised by employers and education institutes as they help people to research and learn how to work independently. It introduces you to sport and the leisure industry and provides you with the knowledge, understanding and skills needed to prepare you for employment or progression onto further sports courses (Level 3 BTEC or A Level).

STAFF COMMENT

"This course is ideal for students who enjoy completing coursework and assignments but still are passionate about taking part in sport."



WHAT'S COVERED?

- Unit R051 – Contemporary Issues in Sport.
- Unit R052 – Developing Sports Skills.
- Unit R053 – Sports Leadership.
- Unit R054 – Sport and the Media.

ASSESSMENT

Each unit will be graded as a Pass, Merit, Distinction or Distinction* Most units are assessed internally, students will be taught the content of the subject and set tasks to complete independently. Feedback is given by the teacher.



NEXT STEPS

This course provides the foundations for more advanced qualifications such as Sport BTEC Level 3. It prepares young people for careers in health, fitness, coaching and teaching.

For more information, contact Miss Gore or Mr Fenwick.

