



YEAR 9 OPTIONS BOOKLET 2023

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PRINCIPAL'S LETTER

Welcome to our Curriculum Evening,

More than ever, pupils will be preparing for a world that is changing rapidly and preparing for careers that may not yet exist or that will at least change dramatically during a working life. For that reason, it is essential we ensure that all pupils have a broad and balanced curriculum without too much specialisation at this stage; one that demonstrates their ability to use a range of academic skills. The next stage of pupil learning will involve preparing for national examinations, usually GCSE, and what many people see as the building blocks for future study and preparation for career development.

The first important point to make is that all pupils will continue to follow a core curriculum of English Language and English Literature, Mathematics, Science, Languages, Humanities, ICT, PE, Personal Development and RE. We believe this gives pupils a core curriculum which is 'broad and balanced' and a firm platform for future specialised study, career development and adult life.

Our option model this year provides a greater degree of flexibility than ever before, providing pupils with a strong academic core and the opportunity to select a number of options that broaden their curriculum; allowing them to specialise in subjects that support their lifelong aspirations. The vast majority of pupils will be undertaking the EBACC suite of subjects and their three open options that complete their programme of study will allow them to pursue a purely academic curriculum should they choose to. This could include subjects such as three separate sciences, psychology, a second humanity subject or even economics; whereas pupils may, instead, choose to pursue a more creative curriculum in Art, Drama, Digital Art, Music or Dance. We have a range of subjects for pupils to choose from, including some new subjects that we added to our curriculum last year such as Hospitality and Catering, Health and Social Care, Statistics and Economics.

All pupils will undertake at least 9 GCSE qualifications with the majority pursuing 10 qualifications. Our options evening event will outline the thinking behind our Curriculum Model and give parents and pupils the opportunity to find out more about the different courses available and what might be the best choices for each pupil.

I urge all pupils and parents to take the time to read this booklet carefully, and to heed the advice offered about making choices. If you would like any further assistance, please do not hesitate to contact Mr Farrar (Vice Principal) or Mr Musgrove (Careers Co-ordinator).

Making decisions can be exciting but once made they only ever become the right decisions if you have the right attitude and approach towards future study. Success doesn't just happen; you have to make it happen by demonstrating dedication to your studies each and every day. The reformed GCSE courses are more rigorous than in previous years with many specifications now including additional content, more complex content and multiple terminal examinations. More than ever it is essential that pupils demonstrate sustained dedication and commitment in order to be successful at the end of Year 11.

Be aspirational, you are capable of great things and staff at the school are committed to helping you achieve your dreams. Our 'Success Feels Good' stories highlight the amazing things achieved by former pupils who once walked the same corridors as you and sat in the same classrooms. You need to believe in yourself and know that hard work and dedication will help you realise your potential and achieve. Be excited about what the future holds, this options process marks the next step on this important journey.

Best Wishes,



Mr J Carlin
Principal

KS4 CURRICULUM MODEL (2023-2025)

Core Subjects

Subject	Hours	GCSE's	Qualification
English	8	2	GCSE English language and GCSE English Literature
Mathematics	8	1	GCSE Mathematics
Science	9	2	GCSE Science (Trilogy)
German	5	1	GCSE German
Digital Functional Skills	1	*	Digital Functional Skills
Personal Development	1	-	Core PD (Not Examined)
Physical Education	3	-	Core PE (Not Examined)
Religious Education	1	-	Core RE (Not Examined)

Option Subjects

Subject	Hours	GCSE's	Qualification		
Humanities ^	5	1	EITHER	GCSE	Geography
			OR	GCSE	History
Option 1	Y10 4 HOURS	1	EITHER	GCSE	Art (Art and Design)
			OR	GCSE	Art (Graphic Communications)
			OR	GCSE	Computer Science
			OR	WJEC	Designing the Built Environment
			OR	GCSE	Drama
	Y11 5 HOURS		OR	GCSE	Geography
			OR	GCSE	History
			OR	GCSE	Hospitality and Catering
			OR	NCFE	Music Technology
			OR	GCSE	Religious Studies
Option 2	Y10 5 HOURS	1	EITHER	GCSE	Economics
			OR	CNAT	Enterprise and Marketing
			OR	BTEC	Health and Social Care
			OR	GCSE	Music
			OR	GCSE	Photography
	Y11 4 HOURS		OR	GCSE	Psychology
			OR	BTEC	Sport
			OR	BTEC	Statistics
			OR	GCSE	Triple Science, Biology / Chemistry / Physics This will be instead of Combined Science

Total: 9 GCSEs or Equivalent - 10 Qualifications

* Pupils will complete a qualification in Digital Functional Skills which is smaller than a normal GCSE course.

^ Pupils who do not currently undertake a German will undertake Designing the Built Environment instead as their Language subject and Travel and Tourism as their Humanity Option. Pupils who have studied German this year will continue with German and choose either Geography or History.

KS4 CURRICULUM MODEL (2023-2025)

CORE SUBJECTS

ENGLISH LANGUAGE
ENGLISH LITERATURE
MATHS
COMBINED SCIENCE (TRILOGY)
GERMAN ^
DESIGNING THE BUILT ENVIRONMENT ^
DIGITAL FUNCTIONAL SKILLS*
PERSONAL DEVELOPMENT
PHYSICAL EDUCATION
RELIGIOUS EDUCATION

OPTION 1

ART (ART AND DESIGN)
ART (GRAPHIC COMMUNICATIONS)
COMPUTER SCIENCE
DESIGNING THE BUILT ENVIRONMENT
DRAMA
GEOGRAPHY*
HISTORY*
HOSPITALITY AND CATERING
MUSIC TECHNOLOGY
RELIGIOUS STUDIES

OPTION 2

ECONOMICS
ENTERPRISE AND MARKETING
HEALTH AND SOCIAL CARE
MUSIC
PHOTOGRAPHY
PSYCHOLOGY
SPORTS
STATISTICS
TRIPLE SCIENCE

HUMANITIES

HISTORY*
GEOGRAPHY*
TRAVEL AND TOURISM^

TOTAL: 9 GCSES OR EQUIVALENT - 10 QUALIFICATIONS

* PUPILS WILL COMPLETE A QUALIFICATION IN DIGITAL FUNCTIONAL SKILLS WHICH IS SMALLER THAN A NORMAL GCSE COURSE.

^ PUPILS WHO DO NOT CURRENTLY UNDERTAKE A GERMAN WILL UNDERTAKE DESIGNING THE BUILT ENVIRONMENT INSTEAD AS THEIR LANGUAGE SUBJECT AND TRAVEL AND TOURISM AS THEIR HUMANITY OPTION. PUPILS WHO HAVE STUDIED GERMAN THIS YEAR WILL CONTINUE WITH GERMAN AND CHOOSE EITHER GEOGRAPHY OR HISTORY.

‘FOR THOSE PUPILS WHO ARE ABLE TO CHOOSE BETWEEN GEOGRAPHY OR HISTORY, YOU CANNOT STUDY THE SAME HUMANITY IN OPTION 1

THE OPTION PROCESS

**MONDAY 3
APRIL 2023**

**PUBLICATION OF OPTIONS
BOOKLET AND SUBJECT
INFORMATION**

**THURSDAY 27
APRIL 2023**

**OPTIONS FAIR 4PM - 7PM
IN THE SPORTS HALL**

**MONDAY 1
MAY 2023**

**(EARLY MAY BANK HOLIDAY)
OPTION FORM AVAILABLE
ON MICROSOFT TEAMS
(9AM)**

**FRIDAY 12
MAY 2023**

**OPTION FORM
CLOSES**

**MONDAY 5
JUNE 2023**

**FINAL OPTION CHOICES
COMMUNICATED TO
PARENTS / PUPILS**

IMPORTANT CONTACTS

SUBJECT CONTACTS

Art (Art and Design)
Art (Graphic Communications)
Computer Science
Designing the Built Environment
Drama
Economics
English
Enterprise and Marketing
Geography
German
Health and Social Care
History
Hospitality and Catering
ICT
Mathematics
Music
Music Technology
Personal Development
Photography
Physical Education
Psychology
Religious Studies
Science / Triple Science
Sport
Statistics
Travel and Tourism

SPalmieri@penkethhigh.org
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JThompson@penkethhigh.org
SAhurst@penkethhigh.org
NMadden@penkethhigh.org
DRobinson@penkethhigh.org
RDeberque@penkethhigh.org
AAustin@penkethhigh.org
MBell@penkethhigh.org
JBlundell@penkethhigh.org
JThompson@penkethhigh.org
LHarding@penkethhigh.org
AJones@penkethhigh.org
ABooth@penkethhigh.org
ZSilver@penkethhigh.org
MBillington@penkethhigh.org
MMullock@penkethhigh.org
CCooper@penkethhigh.org
CCooper@penkethhigh.org
SCurryer@penkethhigh.org
MMullock@penkethhigh.org
NSmith@penkethhigh.org
JBarlow@penkethhigh.org

CAREERS CONTACTS

Mr Musgrove

IMusgrove@penkethhigh.org

You can also find information, advice and guidance on the National Careers Service Website: <https://nationalcareers.service.gov.uk>



CORE SUBJECTS

**ENGLISH LANGUAGE
ENGLISH LITERATURE
MATHS
COMBINED SCIENCE (TRILOGY)
GERMAN ^
DESIGNING THE BUILT ENVIRONMENT ^
DIGITAL FUNCTIONAL SKILLS*
PERSONAL DEVELOPMENT
PHYSICAL EDUCATION
RELIGIOUS EDUCATION**

*** PUPILS WILL COMPLETE A QUALIFICATION IN DIGITAL FUNCTIONAL SKILLS WHICH IS SMALLER THAN A NORMAL GCSE COURSE.**

^ PUPILS WHO DO NOT CURRENTLY UNDERTAKE A GERMAN WILL UNDERTAKE DESIGNING THE BUILT ENVIRONMENT INSTEAD AS THEIR LANGUAGE SUBJECT AND TRAVEL AND TOURISM AS THEIR HUMANITY OPTION. PUPILS WHO HAVE STUDIED GERMAN THIS YEAR WILL CONTINUE WITH GERMAN AND CHOOSE EITHER GEOGRAPHY OR HISTORY.

ENGLISH LANGUAGE

CORE

Students will develop fluency in reading and effective writing skills. They will read a range of texts and will have a chance to engage with writing for a range of purposes including creative writing. Students will have opportunities to develop higher-order reading and thinking skills that encourage genuine enquiry into different topics and themes.



What knowledge will I learn?

In English Language, you will be learning to read fluently, and with good understanding, a wide range of texts from the 19th, 20th and 21st centuries, including literature and literary non-fiction as well as other writing such as reviews and journalism.



What Skills Will I Develop?

In English Language you will develop the skills of reading and evaluating texts critically and making comparisons between texts, summarising and synthesising information & ideas from texts, writing effectively and coherently using standard English appropriately, using grammar correctly and punctuating and spelling accurately, acquiring and applying a wide vocabulary alongside a knowledge and understanding of grammatical terminology, listening to and understanding spoken language and using spoken standard English effectively including presenting a speech.



Why Study English Language?

Studying English Language will show how well developed your ability is to communicate effectively in a wide variety of other subjects and situations. Many of your chosen destinations after Penketh will require you to have a good grade in this subject. It will hopefully foster a love of language and literature in all its forms.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Explorations in Creative Reading and Writing (50%) 1 Hour 45 Minute Written Examination
- Component 2 – Writers' Viewpoints and Perspectives (50%) 1 Hour 45 Minute Written Examination

Homework

Students will be asked to learn key features of questions and undertake other re-call and re-cap activities that will consolidate understanding.

What Could I Study Next?

Upon completion of this course, you could study:

- A Levels in English Literature / Language, Law, History, Media, Film
- BTEC Nationals & Cambridge Technicals in any subject . A range of undergraduate degrees BA / BSc / BEd / BEng / LLB (Hons)

What Are My Career Opportunities?

Pupils who study English Language could go on to a huge range of jobs/ apprenticeships/ career paths:

- Education / Lawyer / Administrator
- Business / Childcare / Creative & Design
- Digital / Health & Science



1x GCSE



CONTACT:
MISS ASHURST

ENGLISH LITERATURE **CORE**

Students will develop knowledge and skills in reading, writing and critical thinking. Through literature, students will have a chance to develop culturally and acquire knowledge of the best that has been thought and written. Studying GCSE English Literature should encourage students to read widely for pleasure, and as a preparation for studying literature at a higher level.



What knowledge will I learn?

In English Literature, you will be learning about Shakespeare: Romeo & Juliet The 19th-century novel: A Christmas Carol Modern prose or drama text: Denis Kelly's play 'DNA' Poetry: you will study Power & Conflict poetry and learn how to analyse Unseen poetry.



What Skills Will I Develop?

In English Literature you will develop the skills of: reading a wide range of classic literature fluently and with good understanding, reading in depth, critically and evaluatively, so that you are able to discuss and explain your understanding and ideas, writing accurately, effectively and analytically about your reading, using a wide vocabulary, including the grammatical terminology.



Why Study English Literature?

Literature unlocks the world, allowing an understanding of culture, history, society and politics that might otherwise be closed off. It is about people and emotions, unlocking feelings we might never have seen played out or felt ourselves. It allows humans to think deeply and form an understanding about issues that might never have been in our consciousness without it. The skills you will develop in English Literature will allow you access to other literary worlds. And, besides all that, it can be fun.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 - Shakespeare and the 19th-century novel (50%) 1 Hour 45 Minute Written Examination
- Component 2 - Modern texts and poetry (50%) 2 Hour 15 Minute Written Examination

Homework

Students will be asked to do pre-reading, re-reading, learning of key quotations and other re-call and re-cap activities that will consolidate understanding of the texts.

What Could I Study Next?

Upon completion of this course, you could study:

- A Levels in English Literature / Language, Law, History, Media, Film
- BTEC Nationals & Cambridge Technicals in any subject
- A range of undergraduate degrees BA / BSc / BEd / BEng / LLB (Hons)

What Are My Career Opportunities?

Pupils who study English Literature could go on to work as a huge range of jobs/ apprenticeships/ career paths:

- Education / Lawyer / Administrator
- Business / Childcare / Creative & Design
- Digital / Health & Science



1x GCSE



**CONTACT:
MISS ASHURST**

MATHEMATICS

CORE

Mathematics is one of the big keys that you need to open the door of further education for any course that you want to pursue when you leave Penketh High. You will follow either the Higher course (Grades 9-4) or the Foundation course (Grades 5-1)



What knowledge will I learn?

In Mathematics, you will be learning about topics including number, algebra, shape and space and data handling. Number topics cover all areas of the curriculum such as fractions, decimals, percentages, ratio and proportion, whilst the algebra aspect involves generalising findings in a more abstract way. Shape and space covers the geometry and measures topics like area and volume so there are many applications to real-life situations here. Data handling involves statistics and probability.



What Skills Will I Develop?

In Mathematics, you will develop problem solving and mathematical reasoning. You will learn how to extract key words and ideas from mathematical problems and be able to apply correct knowledge in order to move forwards. The work involved incorporates the functional skills that employers seek, so there are some cross-curricular aspects to the course. Pupils need to be able to use mental methods to solve problems as well as use a calculator effectively.



Why Study English Maths?

A good understanding of maths and the ability to calculate efficiently will help you in all aspects of your future. The language of maths is universal and is one thing that can bring all people around the world together.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Non Calculator (33.3%) 1 Hour 30 Minute Written Examination
- Component 2 – Calculator (33.3%) 1 Hour 30 Minute Written Examination
- Component 3 – Calculator (33.3%) 1 Hour 30 Minute Written Examination

Homework

Homework is expected to be 1.5 hours per week and will include two step booklets and a GCSE exam paper. Students will use written and electronic material for homework.

What Could I Study Next?

Upon completion of this course, you could study:

- AS / A-Level Maths and Further Maths
- A-Level Statistics
- STEM courses at A-level and beyond
- T-Level in Science
- Degree level and post graduate qualifications in maths/statistics
- A-level and degrees in Economics and Accounting

What Are My Career Opportunities?

Accounting / Finance / Business post 16 and post 18 apprenticeships, Computing and digital industries, STEM industries such as engineering have apprenticeships and post graduate courses using maths.



1x GCSE



Pearson



CONTACT:
MISS HARDING

COMBINED SCIENCE (TRILOGY)

CORE

This course recognises the impact of Science in everyday life, helping learners to make informed decisions about current scientific issues. The course covers key ideas in biology, chemistry and physics.



What knowledge will I learn?

Biology: Cell Biology, Organisation, Infection & Response, Bioenergetics, Homeostasis & Response, Inheritance & Evolution, Ecology
Chemistry: Atomic Structure, Periodic Table, Bonding, Properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes, Rate of Chemical Change, Organic Chemistry, Chemical Analysis, Chemistry of The Atmosphere, Using Resources
Physics: Energy, Electricity, Particle model of matter, Atomic Structure, Forces, Waves, Magnetism & Electromagnetism



What Skills Will I Develop?

In Science you will develop your scientific thinking, experimental skills and strategies as well as analytical and evaluative skills. We use contemporary and relevant contexts which are taught through a range of theoretical and practical-based learning activities.



Why Study Science?

Science is a fundamental course which enables students to explain how everything in their day to day lives works. From "what does a plant need to grow?" to "How does mains electricity work?" This GCSE course explores the key ideas of Science, encouraging students to investigate and explain their findings.

Assessment

There are six written exams each lasting 1 hour and 15 minutes. There are two papers for each specialism – biology, chemistry and physics – each accounting for 16.7% of the overall mark. All students complete a series of practical investigations which are examined as part of the written exams.

Homework

Homework will be set regularly to provide retrieval practice and exam practice questions. This will be set through booklet work and online platforms. Suitable tasks will be used to extend and consolidate the learning in lessons.

What Could I Study Next?

Upon completion of this course, you could study:

- A-Levels in Biology / Chemistry / Physics
- BTEC Applied Science / Engineering
- BTEC Health & Social Care
- Apprenticeship

What Are My Career Opportunities?

Pupils who study Science could go on to work in a wide range of professions including:

- Medicine / Nursing / Vet / Paramedic
- Pharmacy/Environmental Scientist
- Engineering/Electrician/Technician
- Teaching/Researcher/Forensics



2x GCSE



**CONTACT:
MRS CURRYER**

DESIGNING THE BUILT ENVIRONMENT

CORE

* Pupils who do not currently undertake German will undertake Designing the Built Environment instead as their Language subject.
Pupils who have studied German this year will continue with German.

Would you love the opportunity to transform the world around you? Are you looking to learn about new technologies, materials and processes that are involved in designing construction projects? Do you want to develop a good foundation for a successful career in the built environment?

What knowledge will I learn?



Be introduced to the principles of the built environment and can develop the skills, knowledge and understanding in identifying, explaining, and evaluating different ideas and concepts of the built environment. Explore a range of professional and trade roles. Explore some of the different structures and buildings of the built environment.

Building on the skills, knowledge and understanding you will develop through Unit 1, our Designing the Built Environment unit will offer you the opportunity to interpret and produce drafts, drawings, and models of design plans.



What Skills Will I Develop?

In Science you will develop your scientific thinking, experimental skills and strategies as well as analytical and evaluative skills. We use contemporary and relevant contexts which are taught through a range of theoretical and practical-based learning activities.



Why Study WJEC Designing the Built Environment?

If you enjoy design in any form this course will be right for you. You will be learning to use industry standard CAD software along with traditional design methods. We also building regulations and procedures involved in construction. It will also give you a clear insight into several possible careers within the Construction/Design industry.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Introduction to the Built Environment (40%) 1 Hour 30 Minute Written Examination
- Component 2 – Designing the Built Environment (60%) Non-Examination Assessment

Homework

You will be assigned one hour of homework per week that should be completed independently.

What Could I Study Next?

- A Levels in civil engineering
- A Levels in construction
- BTECs Diplomas in Construction and Built Environment Design
- Apprenticeships in Surveying and Civil Engineering and Architecture.

What Are My Career Opportunities?

Building Design is integral to a large variety of career pathways and a strong designer will be able to access a wide variety of careers within the Design industry, such as:

- Architect
- Structural Engineer
- Builder
- Civil Engineer



**1 X LEVEL 1
LEVEL 2 TECHNICAL
AWARD**

eduqas
Part of WJEC



**CONTACT:
MR BEWES**

GERMAN CORE

The German course we offer will enable pupils to study the German language as well as developing their understanding of German culture. Pupils will learn to express their views in German on many topics that they can relate to whilst developing a passion and curiosity for the subject. The course is a valuable long-term investment in our young pupils as well as a short-term fulfilling experience as it will help them develop a skill for life.



What knowledge will I learn?

In German, you will be learning about a range of topics organised in three themes, each containing four topics:

- Theme 1 is about me, my relationships, technology, free-time activities and German traditions and customs.
- Theme 2 is about my home town, social & global issues and travel & tourism.
- Theme 3 is about studies, life at school, post-16 education and career choices.



What Skills Will I Develop?

In German you will develop many transferable skills:

- reading and showing understanding of texts in German, listening and responding to spoken language, communicating in written and spoken German and translation from and to German.



Why Study German?

At Penketh, we believe that the study of a language is inclusive and that it helps our pupils develop skills and acquire knowledge that they will call on after their time at Penketh. It also helps our young people develop resilience and a passion for something new that will support them in their personal and professional life.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Listening (25%) 35 / 45 Minute

Written Examination

- Component 2 – Speaking (25%)

Non-Examination Assessment

- Component 3 – Reading (25%) 45 Minute / 1

Hour Written Examination

- Component 4 Reading (25%) 1 Hour / 1 Hour 15 Minutes Written Examination

Homework

Pupils will be expected to complete a weekly quiz and learn a certain amount of words. This will link directly to lesson content.

What Could I Study Next?

Upon completion of this course, you could study:

- A Level language course in college
- Travel & Tourism BTEC in aviation
- Business A Level or BTEC
- using your language skills in the army
- apprenticeship in hospitality

What Are My Career Opportunities?

Pupils who study German could go on to work as:

- (game) translator/interpreter
- children's book writer
- journalist/foreign correspondent
- fashion buyer
- flight attendant/tour guide
- teacher



1X GCSE



**CONTACT:
MR DEBERQUE**

DIGITAL FUNCTIONAL SKILLS

CORE

The NCFE Functional Skills qualification in ICT is an ideal qualification for learners wishing to develop practical, transferable skills in ICT in order to work confidently, effectively and independently in life.



What knowledge will I learn?

Functional skills ICT is a practical skills-based course focused around the skills listed below.

What Skills Will I Develop?

- Plan solutions to complex tasks by analysing the necessary stages.
- Select, interact with and use ICT systems safely and securely for a complex task.
- Manage information storage to enable efficient retrieval.
- Use appropriate search techniques to locate and select relevant information from a variety of sources to meet requirements.
- Enter, develop and refine information using appropriate software.
- Use appropriate software to meet the requirements of a complex data-handling task.
- Use communications software (Email)
- Combine and present information in ways that are fit for purpose and audience.



Why Study Functional skills ICT?

A steppingstone to the successful completion of various wider qualifications and frameworks, such as apprenticeships. You will develop transferrable skills to use in further study and employment.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – External Assessment (100%) 2 Hour 30 Minute Practical Examination

Homework

Homework will be skills based to practice those learnt in class.

What Could I Study Next?

Upon completion of this course, you could study:

- Technical level – IT
- Apprenticeship – IT

As this qualification develops transferable skills which will be useful in work and life, learners could also progress onto a variety of NCFE qualifications in employability, money management or vocational areas.

This qualification is also an integral part of the Apprenticeship frameworks.

What Are My Career Opportunities?

Almost every career requires basic ICT skills. This course provides a solid foundation to build on in any career choice.



**1 X LEVEL &
2 FUNCTIONAL SKILL**

TBC



**CONTACT:
MRS THOMPSON**

PERSONAL DEVELOPMENT **CORE**

Personal, Social, Health and Economic (PSHE) education is a school subject through which pupils develop the knowledge, skills and attributes they need to manage their lives, now and in the future. It helps children and young people to stay healthy and safe, while preparing them to make the most of life and work. When taught well, PSHE education also helps pupils to achieve their academic potential.

What knowledge will I learn?



In PSHE, you will be learning about:

- how to engage in discussion and debate relevant to topical and controversial issues.
- rights, responsibilities, duties and freedoms and about laws, justice and democracy.
- how to deal with changing situations in their personal and social development.
- how to stay in good health.
- the workplace, careers, enterprise, economic wellbeing and financial capability.

What Skills Will I Develop?



In PSHE, you will develop:

- **Teamwork:** Students develop the skills necessary to work effectively and efficiently as part of a group.
- **Discussion:** Students know how to talking about something in order to reach a decision or to exchange ideas in a civil manner.
- **Debate:** Students understand how to engage in an effective formal discussion on a particular matter.
- **Questioning:** Students know how to question so as to elicit information in a manner which does not cause offence.
- **Decision making:** Students understand how to reach a conclusion or resolution after consideration of issues or facts.
- **Coping strategies:** Students develop the skills required to deal effectively with difficulties including stress and anxiety.

Assessment

As Personal Development is a non-examined subject, there are no formal assessments. However, pupils are given ongoing formative assessment throughout the different activities they participate in.

How will this help me in the future?

PSHE has significant potential to boost your future life chances, helping you to stay safe both online and offline, improve your physical and emotional health and develop the character, resilience and skills you need to succeed academically and in the workplace.



**CONTACT:
MISS SILVER**



PHYSICAL EDUCATION **CORE**

In Core Physical Education (PE) pupils will participate in a wide range of sports activities which follow on from the diverse Key stage 3 PE curriculum. Our aim is that every pupil leaves Penketh High school with a positive view of physical activity and health related exercise. Core PE is mandatory for all pupils to participate in across Key Stage 4.



What knowledge will I learn?

In core PE, you will be learning about different sporting activities both individually and as part of a team. You will also have the opportunity to take part as a participant, leader/coach and as an official.



What Skills Will I Develop?

In core PE you will develop skills including:

- Teamwork
- Cooperation
- Fair play
- Leadership skills
- Officiating
- Communication
- Self-Confidence
- Self-Esteem



Why Study Physical Education?

Physical activity is significant aspect of leading a well-rounded healthy lifestyle, and therefore it is vital that pupils learn about the importance of keeping physically fit and healthy.

Assessment

As Physical Education is a non-examined subject, there are no formal assessments. However, pupils are given ongoing formative assessment throughout the different activities they participate in.

Homework

There is no homework set for core PE at Key Stage 4.

What Could I Study Next?

Upon completion of this course, you could study:

- Sport and Physical Education related courses.

What Are My Career Opportunities?

PE teacher, Physiotherapist, Sports therapist, Professional athlete, Sports Scientist.



**CONTACT:
MR MULLOCK**



RELIGIOUS STUDIES

CORE

Core Religious Education is a statutory subject, which all pupils have the right to study. It explores world religions, their beliefs and teaching. It gives pupils an opportunity to gain knowledge and insight into faith and why it is important for individuals who have it and society, whilst developing essential skills for life.



What knowledge will I learn?

In Core Religious Education, you will be learning about:

- Is it Ethical?
- How Free are we?
- Our Beliefs
- The Big Questions



What Skills Will I Develop?

In Core Religious Education, you will develop skills including: Explanation, Discussion, Debating, Application, Evaluation and Communication.



Why Study Religious Studies?

Studying Core Religious Education gives an insight into world religions their beliefs and teachings, their impact on moral dilemmas, their influences on choices and decisions that are made, have been made and could be made. It also looks at the answers the world religions provide to the big questions raised about the world we live in. It is a chance to gain an understanding of and insight into what it means to have a faith and what impact faith, can have. Whilst also developing knowledge, understanding and valuable skills for life.

Assessment

As Religious Education is a non-examined subject, there are no formal assessments. However, pupils are given ongoing formative assessment throughout the different activities they participate in.

Homework

A range of homework will be set to enhance and affirm the pupil's knowledge and understanding of what is studied including investigation and research based activities

What Could I Study Next?

Upon completion of this course, you could study:

- A-Levels in Religious Studies, Sociology, Law, Politics, History, English, Psychology and Health and Social Care.
- Degrees in Theology, Philosophy, Law, Sociology, Psychology, Criminology, History, English, Politics, Business, Economics, Medicine and Social Care.

What Are My Career Opportunities?

Pupils who study Core Religious Education could go on to work in:

- The Charity Sector, Human Resources, Legal Practise, Criminal Justice, Management, Medicine, Politics, Education, Public Services, Police, Journalism, Youth and Community Work.



CONTACT:
MISS COOPER



HUMANITIES

HISTORY *

GEOGRAPHY *

TRAVEL AND TOURISM^

^ PUPILS WHO DO NOT CURRENTLY UNDERTAKE A GERMAN WILL UNDERTAKE TRAVEL AND TOURISM AS THEIR HUMANITY OPTION. SHOULD PUPILS WISH TO TAKE EITHER GEOGRAPHY OR HISTORY, THEY CAN SELECT THIS IN OPTION 1.

PUPILS WHO HAVE STUDIED GERMAN THIS YEAR WILL CHOOSE EITHER GEOGRAPHY OR HISTORY.

*** BARRED COMBINATIONS**

FOR THOSE PUPILS WHO ARE ABLE TO CHOOSE BETWEEN GEOGRAPHY OR HISTORY, YOU CANNOT STUDY THE SAME HUMANITY IN OPTION 1.

GEOGRAPHY

HUMANITIES OPTION

Pupils who do not currently undertake a German will undertake Travel and Tourism as their Humanity Option. Should pupils wish to take either Geography or History, they can select this in Option 1. Pupils who have studied German this year will choose either Geography or History.

* Barred Combinations

For those pupils who are able to choose between Geography or History, you cannot study the same Humanity in Option 1.

This exciting course is based on a balanced framework of physical and human geography. It allows students to investigate the link between the two themes and approaches and examine the battles between the man-made and natural worlds. Students who complete the course will have the knowledge and skills to progress onto A-level and beyond.



What knowledge will I learn?

GCSE Geography students will travel the world from their classroom, exploring case studies in the United Kingdom, higher income countries, newly emerging economies and lower income countries. Topics of study include climate change, poverty, deprivation, global shifts in economic power and the challenge of sustainable resource use. Students will be given two fieldwork opportunities, an urban investigation and river investigation. Students will also be encouraged to understand their role in society, by considering different viewpoints, values and attitudes.



What Skills Will I Develop?

There are many opportunities to learn new skills such as map skills, interpreting photographs, fieldwork skills, presenting, role play and debating techniques. You will improve your literacy through your report writing and written work and make practical use of your numeracy skills when you interpret data and construct graphs.



Why Study Geography?

Geography is a broad-based academic subject which will open up options for you in your future. Employers and universities see Geography as a robust academic subject, rich in skills, knowledge and understanding. As a subject linking the arts and the sciences it is highly flexible in terms of what you can combine it with, GCSE and beyond. This course will give you the chance to get to grips with some of the big questions which affect our world, and understand the social, economic and physical forces and processes which shape and change our world.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Challenges in the Physical Environment (35%) 1 hour 30 Minute Written Examination.
- Component 2 – Challenges in the Human Environment (35%) 1 hour 30 Minute Written Examination.
- Component 3 – Geographical Skills (30%) 1 hour 15 Minute Written Examination.

Homework

Homework will be set weekly in a variety of forms such as online quizzes, revision worksheets and knowledge organisers.

What Could I Study Next?

Upon completion of Geography, you could study:

- A Level Geography, Geology, Environmental Science and Architecture
- BTEC Construction and Planning
- T-level Design, Surveying and Planning
- BA (Hons) Human Geography, BSc (Hons) Physical Geography, BSc (Hons) Environmental Sustainability/Science

What Are My Career Opportunities?

Pupils who study Geography could go on to work as:

- Meteorologist / Weather Presenter, GIS Specialist, Civil Engineer, Environmental Consultant



1 X GCSE



CONTACT:
MISS ROBINSON

HISTORY

HUMANITIES OPTION

Pupils who do not currently undertake a German will undertake Travel and Tourism as their Humanity Option. Should pupils wish to take either Geography or History, they can select this in Option 1. Pupils who have studied German this year will choose either Geography or History.

* Barred Combinations

For those pupils who are able to choose between Geography or History, you cannot study the same Humanity in Option 1.

Our exciting History GCSE course enables pupils to make sense of past events, to consider their causes and consequences, and to examine how societies have changed over time. We offer a broad and diverse study of the History of Britain and the wider world.



What knowledge will I learn?

In History, you will be learning about:

- Crime and Punishment in Britain, c1000-present and Whitechapel, c1870-c1900.
- A British depth study of Early Elizabethan England, 1558-88
- A period study of The American West, c1835-c1895
- A modern depth study of Weimar and Nazi Germany, 1918-39



What Skills Will I Develop?

In History, you will develop the capacity to construct and develop a sustained line of reasoning that is coherent, relevant, substantiated and logically structured. Pupils develop as independent learners, who analyse sources, and think critically about contrasting interpretations.



Why Study History?

History matters in the modern world. From History we learn who we are, we understand the present and our future, and we learn the greatest stories ever told. Pupils learn about dramatic events such as the brutal execution of the Gunpowder Plotters, the failure of the Metropolitan Police to catch Jack the Ripper, the rise of Adolf Hitler and the Nazi Party and lawlessness in the American West. You will acquire the skills of analysis, interpretation and communication. These skills are highly transferable and they are valued in a wide range of professions.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 - Thematic Study and Historic Environment (30%) 1 Hour 15 Minute Written Examination
- Component 2 - Period Study and British Depth Study (40%) 1 Hour 45 Minute Written Examination
- Component 3: Modern Depth Study (30%) 1 Hour 20 Minutes Written Examination

Homework

The primary purpose of homework is to develop knowledge and skills. For instance, by reading scholarship on key events or individuals, completing a knowledge quiz or preparing for GCSE style practise questions. Typically, homework will take 1 hour per week.

What Could I Study Next?

Upon completion of this course, you could study:

- A Level in History and/or other related subjects
- BA (Hons) degree in many disciplines, including History
- Remember that many career paths are connected to History in some way

What Are My Career Opportunities?

History is a universal qualification which leads to a wide range of careers. Some examples are: Banking, Business, Law or Journalism.



1 X GCSE



Pearson



CONTACT:
MR BELL

TRAVEL AND TOURISM

HUMANITIES OPTION

Pupils who do not currently undertake a German will undertake Travel and Tourism as their Humanity Option. Should pupils wish to take either Geography or History, they can select this in Option 1. Pupils who have studied German this year will choose either Geography or History.

* Barred Combinations

For those pupils who are able to choose between Geography or History, you cannot study the same Humanity in Option 1.

The BTEC Tech Award in Travel and Tourism has been designed to allow pupils to draw on knowledge and skills from all of their subjects and apply it to everyday and work contexts. The qualification is an introduction to vocational learning and give learners the opportunity to build skills that show an aptitude for further learning, both in the sector and more widely.



What knowledge will I learn?

In Travel and Tourism component one, you will be learning about different organisations which make up the travel and tourism sector, and the ways in which they work together. I will learn about travel and tourism destinations, and how specific features attract different types of visitor. In component two I will learn about the factors influencing tourism, the impact of tourism on destinations and destination management to travel and tourism contexts. Finally, in component three I will learn about customer trends and customer needs and requirements, and how to meet these through the knowledge acquired in components one and two.



What Skills Will I Develop?

In Travel and Tourism, you will develop a range of skills based on vocational learning, from analysing the needs of customers to evaluating the facilities provided by a destination. Internal assessment also demands that students present their findings through verbal as well as written presentations.



Why Study Travel and Tourism?

The travel and tourism sector is the UK's third largest employer, with tourism being one of the fastest-growing sectors, employing nearly 3 million people.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Challenges in the Physical Environment (35%) 1 hour 30 Minute Written Examination.
- Component 2 – Challenges in the Human Environment (35%) 1 hour 30 Minute Written Examination.
- Component 3 – Geographical Skills (30%) 1 hour 15 Minute Written Examination.

Homework

Homework will be set weekly in a variety of forms such as online quizzes, revision worksheets and knowledge organisers.

What Could I Study Next?

Upon completion of Geography, you could study:

- A Level Geography, Geology, Environmental Science and Architecture
- BTEC Construction and Planning
- T-level Design, Surveying and Planning
- BA (Hons) Human Geography, BSc (Hons) Physical Geography, BSc (Hons) Environmental Sustainability/Science

What Are My Career Opportunities?

Pupils who study Geography could go on to work as:

Meteorologist / Weather Presenter, GIS Specialist, Civil Engineer, Environmental Consultant/



1 X GCSE



CONTACT:
MISS ROBINSON



OPTION 1

ART (ART AND DESIGN)
ART (GRAPHIC COMMUNICATIONS)
COMPUTER SCIENCE
DESIGNING THE BUILT ENVIRONMENT
DRAMA
GEOGRAPHY *
HISTORY *
HOSPITALITY AND CATERING
MUSIC TECHNOLOGY
RELIGIOUS STUDIES

*** BARRED COMBINATIONS**

**YOU CANNOT SELECT GEOGRAPHY IN THIS COLUMN IF YOU CHOSE GEOGRAPHY AS
YOUR HUMANITIES OPTION.**

**YOU CANNOT SELECT HISTORY IN THIS COLUMN IF YOU CHOSE HISTORY AS YOUR
HUMANITIES OPTION.**

ART (ART AND DESIGN) **OPTION 1**

A 2 year practical course which allows you to explore a variety of art and design techniques and processes. Producing a personal portfolio will enable you to progress to further study and into a range of jobs within the Creative Industries. This qualification requires you to produce a portfolio of work including a sketchbook and mounted sheets work.



What knowledge will I learn?

You will develop a wide variety of skills including drawing, painting, printing, architectural model making, designing, illustrating, sculpting, jewellery and fashion design. You will research and explore new ways of developing your own ideas based upon a theme, building upon your existing knowledge. Each project will be supported by your sketchbook including research of appropriate artists, designers, craftspeople and architects; this inspiration will inform your practice as you develop as an artist or a designer.



What Skills Will I Develop?

You will develop drawing, painting, printing, model making skills and explore skills with composition, design and creative direction.

You will present and annotate your work in your portfolio and sketchbook.

Exhibition skills- end of year show and online as Penketh Creatives.

You will develop dual curriculum skills: independence, resilience, communication, problem solving skills.



Why Study Art and Design?

Art allows you to visually communicate, express and celebrate your talent. This can lead to fantastic opportunities for employment in the Creative Industries. Art gives you the opportunity to specialise in one area of study and can link closely to your other GCSE subjects to help you decide on a career pathway. From Art GCSE you can go on to study further at some of our fantastic local colleges. Employment opportunities can take you all over the world to shape the future for others through art, creativity and design.

Assessment

You will undertake the following assessments:

Component 1 - Portfolio (60%) Non-Exam Assessment

Component 2 - Externally Set Assignment (40%) 10 Hour Non-Exam Assessment.

Homework

Homework will be set weekly and allows you to develop your coursework ideas. This may be sketchbook work, photography research or artist research. You will be set individual targets depending on your theme. Homework and class work will be marked holistically as your work all links into 1 theme.

What Could I Study Next?

A Level Art and Design – Fine Art, 3D Design, Graphic Design, Photography, Textiles & Fashion Design

Diploma in Art and Design

Degree courses and Degree Apprenticeships.

What Are My Career Opportunities?

Architect, Artist, Graphic Designer, Illustrator, Interior & Spatial Designer, Textile/Fashion Designer, Jeweller, Industrial & Product Designer, Sculptor, Teacher, Design for the TV/Set Designer, Museum/Gallery Curator.



1 X GCSE

AQA
Realising potential



**CONTACT:
MS PALMIERI**

ART (GRAPHIC COMMUNICATION)

OPTION 1

This is a two-year practical course which allows you to explore a variety of digital specialisms. The qualification requires you to produce a digital portfolio of work which creatively records your ideas, and the processes and techniques learned.



What knowledge will I learn?

In Digital art you will be learning about a variety of digital artists/designers and cultures. You will be introduced to a variety of digital media skills including digital painting, graphic design, illustration, animation, 3D modelling.



What Skills Will I Develop?

In Digital art you will experience a broad range of differing digital design techniques and work within a design-based course. You will be given the opportunity to become confident and competent with a number of Industry standard software but you will predominantly use Photoshop for your sketchbook work.



Why Study Art (Graphic Communication)?

If you enjoy digital design or drawing both digitally or traditionally, Digital art allows you to express yourself in an individual. Digital Art allows you to work in a completely practical way which allows you to explore what you are interested in and present this in a highly individual and creative way. Digital Art skills are transferable and prepare pupils for every changing Digital world.

Assessment

To complete this course, you will undertake the following assessments

- Component 1 - Portfolio (60%) Non-Exam Assessment
- Component 2 - Externally Set Assignment (40%) 10 Hour Non-Exam Assessment.

Homework

Homework will be set regularly throughout the course. This will mostly consist of sketchbook work which will include artist research, preparation and reflection activity which will inform digital design work.

What Could I Study Next?

Upon completion of this course, you could study:

A Level Graphic Communication
BA (hons) Games design/ Graphics/ Illustration/
Photography/ Fashion and Textiles

What Are My Career Opportunities?

Pupils who study Art could go on to work as:
Publishing, Graphic design, Illustration, Film and TV,
Visual effects, Design interior/ theatre design,
Architecture, Games designers/ Testers or
Tattoo Artist



1 X GCSE



CONTACT:
MR BILLINGTON

COMPUTER SCIENCE

OPTION 1

Computer Science is a modern, fascinating subject. The world depends on computers. In this GCSE you will learn about how computers work, the networks they use and how programming can create solutions to everyday problems and future challenges.

What knowledge will I learn?



In GCSE Computer Science, you will be learning about
Component 1

1. Systems architecture 2. Memory and storage 3. Computer Networks, connections and protocols 4. Network security 5. Systems Software 6. Ethical, legal, cultural and environmental impacts of digital technology

Component 2

1. Algorithms 2. Programming fundamentals 3. Producing robust programs 4. Boolean logic 5. Programming language and Integrated Development Environments.

What Skills Will I Develop?



In Computer Science you will develop skills to

- analyse problems in computational terms through practical experience of solving such problems, including designing, writing, and debugging programs.
- Think creatively, innovatively, analytically, logically and critically.
- Apply mathematical skills relevant to Computer Science.

Why Study Computer Science?



Computing is of enormous importance to the economy, and the role of Computer Science as a discipline itself and as an 'underpinning' subject across science and engineering is growing rapidly. It instils computational thinking, helping learners to develop the skills to solve problems.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 - Computer systems (50%) 1 Hour 30 Minute Written Examination
- Component 2 - Computational thinking, algorithms and programming (50%) 1 Hour 30 Minute Written Examination

Homework

Most homework will be in the form of theory. A GCSE revision guide and workbook will be used for some set homework tasks. There is also a heavy focus on programming skills and so students will be expected to download key software like Python and practice the skills they have learnt in class.

What Could I Study Next?

Upon completion of this course, you could study:

- A Level Computer Science and beyond.
- Technical level – IT
- The qualification will also provide a good grounding for other subject areas that require computational thinking and analytical skills.

What Are My Career Opportunities?

Pupils who study GCSE Computer Science could go on to work as:

Cyber protection officer, Robotics programmer, Social media manager, Web Developer, Software Architect, Game Designer, Project manager.



1 X GCSE



CONTACT:
MRS THOMPSON

DESIGNING THE BUILT ENVIRONMENT **OPTION 1**

Would you love the opportunity to transform the world around you? Are you looking to learn about new technologies, materials and processes that are involved in designing construction projects? Do you want to develop a good foundation for a successful career in the built environment?



What knowledge will I learn?

Be introduced to the principles of the built environment and can develop the skills, knowledge and understanding in identifying, explaining, and evaluating different ideas and concepts of the built environment. Explore a range of professional and trade roles Explore some of the different structures and buildings of the built environment.



Building on the skills, knowledge and understanding you will develop through Unit 1, our Designing the Built Environment unit will offer you the opportunity to interpret and produce drafts, drawings, and models of design plans.

What Skills Will I Develop?

In Science you will develop your scientific thinking, experimental skills and strategies as well as analytical and evaluative skills. We use contemporary and relevant contexts which are taught through a range of theoretical and practical-based learning activities.



Why Study WJEC Designing the Built Environment?

If you enjoy design in any form this course will be right for you. You will be learning to use industry standard CAD software along with traditional design methods. We also building regulations and procedures involved in construction. It will also give you a clear insight into several possible careers within the Construction/Design industry.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Introduction to the Built Environment (40%) 1 Hour 30 Minute Written Examination
- Component 2 – Designing the Built Environment (60%) Non-Examination Assessment

Homework

You will be assigned one hour of homework per week that should be completed independently.

What Could I Study Next?

- A Levels in civil engineering
- A Levels in construction
- BTECs Diplomas in Construction and Built Environment Design
- Apprenticeships in Surveying and Civil Engineering and Architecture.

What Are My Career Opportunities?

Building Design is integral to a large variety of career pathways and a strong designer will be able to access a wide variety of careers within the Design industry, such as:

- Architect
- Structural Engineer
- Builder
- Civil Engineer



**1 X LEVEL 1
LEVEL 2 TECHNICAL
AWARD**

eduqas
Part of WJEC



**CONTACT:
MR BEWES**

DRAMA

OPTION 1

This is a broad and coherent course of study which enables learners to explore three predominate areas of performance in creating, performing, and evaluating. This can be explored from the role of the designer, director, or performer. Students will work collaboratively to generate and develop their own ideas and to explore existing performance work.



What knowledge will I learn?

In Drama you will be learning about

- Creating devised drama in response to key theatre practitioners and genres.
- Scripted performance from a broad range of plays practitioners and genres.
- Exploring a broad range of play texts from the role of a director designer and performer these play texts.



What Skills Will I Develop?

In Drama you will develop

- knowledge and understanding of style, genre and social context
- performance techniques – interpretation, improvisation, voice, physicality, stage relationships with others
- design skills – interpretation, visual and design impacts and the use of scenic devices
- collaboration and communication skills, enquiring and reflective minds, independent thinking and working.



Why Study Drama?

Our students thrive from the opportunity to learn through creativity and practical work. The opportunity to work collaboratively and communicate creative ideas through performance is a popular element of the course, where students are given the freedom to develop their thinking and imagination through the platform of drama. The students will explore a broad range of theatre texts and get the opportunity to experience live theatre in performance developing their knowledge and understanding of their own theatre preferences. Students are encouraged to collaborate with others, engaging in stimulating and creative activities with confidence. These fundamental cooperative, collaborative and social skills are useful across all kinds of disciplines, careers, and life experiences in general.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Devising Theatre (40%) Non-Examination Assessment.
- Component 2 – Performing from a Text (20%) Non-Examination Assessment.
- Component 3 – Interpreting Theatre (40%) 1 Hour 30 Minute Written Examination

Homework

Weekly homework of learning lines, rehearsals and notebook.

What Could I Study Next?

Upon completion of this course, you could study:

- A Level Drama and Theatre Studies / English Literature
- BTEC National Performing Arts
- BA, BSc

What Are My Career Opportunities?

Pupils who study Drama could go on to work in a broad range of industries and accessed a broad range of pathways



1 X GCSE



**CONTACT:
MRS MALLON**

GEOGRAPHY

OPTION 1

* Barred Combinations

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You cannot select History in this column if you chose History as your Humanities option.

This exciting course is based on a balanced framework of physical and human geography. It allows students to investigate the link between the two themes and approaches and examine the battles between the man-made and natural worlds. Students who complete the course will have the knowledge and skills to progress onto A-level and beyond.

What knowledge will I learn?



GCSE Geography students will travel the world from their classroom, exploring case studies in the United Kingdom, higher income countries, newly emerging economies and lower income countries. Topics of study include climate change, poverty, deprivation, global shifts in economic power and the challenge of sustainable resource use. Students will be given two fieldwork opportunities, an urban investigation and river investigation. Students will also be encouraged to understand their role in society, by considering different viewpoints, values and attitudes.

What Skills Will I Develop?



There are many opportunities to learn new skills such as map skills, interpreting photographs, fieldwork skills, presenting, role play and debating techniques. You will improve your literacy through your report writing and written work and make practical use of your numeracy skills when you interpret data and construct graphs.

Why Study Geography?



Geography is a broad-based academic subject which will open up options for you in your future. Employers and universities see Geography as a robust academic subject, rich in skills, knowledge and understanding. As a subject linking the arts and the sciences it is highly flexible in terms of what you can combine it with, GCSE and beyond. This course will give you the chance to get to grips with some of the big questions which affect our world, and understand the social, economic and physical forces and processes which shape and change our world.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Challenges in the Physical Environment (35%) 1 hour 30 Minute Written Examination.
- Component 2 – Challenges in the Human Environment (35%) 1 hour 30 Minute Written Examination.
- Component 3 – Geographical Skills (30%) 1 hour 15 Minute Written Examination.

Homework

Homework will be set weekly in a variety of forms such as online quizzes, revision worksheets and knowledge organisers.

What Could I Study Next?

Upon completion of Geography, you could study:

- A Level Geography, Geology, Environmental Science and Architecture
- BTEC Construction and Planning
- T-level Design, Surveying and Planning
- BA (Hons) Human Geography, BSc (Hons) Physical Geography, BSc (Hons) Environmental Sustainability/Science

What Are My Career Opportunities?

Pupils who study Geography could go on to work as:

- Meteorologist / Weather Presenter, GIS Specialist, Civil Engineer, Environmental Consultant



1 X GCSE



**CONTACT:
MISS ROBINSON**

HISTORY

OPTION 1

* Barred Combinations

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You cannot select History in this column if you chose History as your Humanities option.

Our exciting History GCSE course enables pupils to make sense of past events, to consider their causes and consequences, and to examine how societies have changed over time. We offer a broad and diverse study of the History of Britain and the wider world.



What knowledge will I learn?

In History, you will be learning about:

- Crime and Punishment in Britain, c1000-present and Whitechapel, c1870-c1900.
- A British depth study of Early Elizabethan England, 1558-88
- A period study of The American West, c1835-c1895
- A modern depth study of Weimar and Nazi Germany, 1918-39



What Skills Will I Develop?

In History, you will develop the capacity to construct and develop a sustained line of reasoning that is coherent, relevant, substantiated and logically structured. Pupils develop as independent learners, who analyse sources, and think critically about contrasting interpretations.



Why Study History?

History matters in the modern world. From History we learn who we are, we understand the present and our future, and we learn the greatest stories ever told. Pupils learn about dramatic events such as the brutal execution of the Gunpowder Plotters, the failure of the Metropolitan Police to catch Jack the Ripper, the rise of Adolf Hitler and the Nazi Party and lawlessness in the American West. You will acquire the skills of analysis, interpretation and communication. These skills are highly transferable and they are valued in a wide range of professions.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 - Thematic Study and Historic Environment (30%) 1 Hour 15 Minute Written Examination
- Component 2 - Period Study and British Depth Study (40%) 1 Hour 45 Minute Written Examination
- Component 3: Modern Depth Study (30%) 1 Hour 20 Minutes Written Examination

Homework

The primary purpose of homework is to develop knowledge and skills. For instance, by reading scholarship on key events or individuals, completing a knowledge quiz or preparing for GCSE style practise questions. Typically, homework will take 1 hour per week.

What Could I Study Next?

Upon completion of this course, you could study:

- A Level in History and/or other related subjects
- BA (Hons) degree in many disciplines, including History
- Remember that many career paths are connected to History in some way

What Are My Career Opportunities?

History is a universal qualification which leads to a wide range of careers. Some examples are: Banking, Business, Law or Journalism.



1 X GCSE



Pearson



CONTACT:
MR BELL

HOSPITALITY AND CATERING

OPTION 1

WJEC Level 1/2 Vocational Awards enable learners to gain knowledge, understanding and skills relating to the hospitality and catering industry. In addition to developing specific vocational knowledge and understanding, this qualification also supports learners to develop life skills and the essential employability skills that are valued by employers and higher education.

What knowledge will I learn?



In Hospitality and Catering you will be learning about the health and safety aspects of food and bacteria, the operations of running a kitchen and a business, the food laws and legislation and the hierarchy system for job roles within this industry. You will then move on to learn about nutrition, special diets, food manufacturing from farm to fork and environmental issues, as well practical skills to prepare and cook meals to a high standard.

What Skills Will I Develop?



- Practical cookery skills
- Science and nutritional skills
- Business management
- Teamwork and Leadership skills
- Numeracy and problem solving skills
- Organisation and time management



Why Study Hospitality & Catering?

Hospitality and Catering allows you to be creative, practical and hands-on, whilst gaining essential life skills. It has cross curricular links with biology, maths and business, which are further skills acquired throughout this course.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – The Hospitality and Catering Industry (40%) 1 Hour 20 Minute Written Examination.
- Component 2 – Hospitality and Catering in Action (60%) Non-Examination Assessment.

Homework

Throughout the two years you be expected to complete a range of homework tasks that will include drawn designs, exam paper practice, research tasks and practical cooking tasks. You will be issued two pieces of home learning every 5 lessons.

What Could I Study Next?

Upon completion of this course, you could study:

- Level 2 Food Hygiene & Safety
- Culinary Skills Level 1 / Level2
- Professional Cookery Level 3
- City & Guilds Food Preparation
- BTEC Food Processing / Microbiology
- BSc (Hons) Food Technology / Analysis / Chemistry
- BSC (Hons) Degree or Diploma in Food Science or Technology

What Are My Career Opportunities?

Pupils who study Hospitality and Catering could go on to work as a Chef, Food Technologist, Dietician, Food Distributor, Food Blogger, Food Stylist, Event



**1 X LEVEL1
/ LEVEL 2
TECHNICAL AWARD**



**CONTACT:
MRS BLUNDELL**

MUSIC TECHNOLOGY **OPTION 1**

Music Technology enables learners to develop skills, knowledge and understanding of the music technology industry. It's suitable for learners who are motivated and challenged by learning through hands-on experiences. The qualification will allow learners to gain practical skills in creating music using technology.

What knowledge will I learn?



During the Music Technology course you will use the iMacs and Logic Pro X to create your own pieces of music and to document the processes which enables you to do this. You will study the following units:

- Introduction to music technology and the music business.
- The digital audio workstation (DAW).
- Musical elements, musical style and music technology.
- Sound Creation.
- Multitrack recording.

What Skills Will I Develop?



Throughout your study of this course you will develop your Music technology editing and arranging skills. Learners will develop skills in operating a Digital Audio Workstation (DAW) creatively using audio, MIDI, hardware and editing tools. Learners will create musical projects in response to briefs, reflecting industry skills. They will understand the recording studio environment, how to use it safely, and how to plan, record and mix a multitrack recording. Learners will understand roles and responsibilities within the music business, and developments in music technology.



Why Study Music Technology?

Music Technology is increasingly becoming an important part of the music industry. By studying NCFE Music Technology, you can develop both musical and technological skills that can be applied to real life scenarios. It allows you to learn with like-minded people who love to create, record and manipulate music and sound.

Assessment

To complete this course, you will undertake the following assessments:

- Five Coursework Components (60%)
- Written Examination (40%) 1 Hour 30 Minute Examination

Homework

As part of your course is practical work based on the iMacs you will be expected to regularly attend EPS sessions to work on and complete your projects outside of class time. In addition to this you may on occasion receive homework on the topic of keywords related to music technology.

What Could I Study Next?

Upon completion of this Music, you could study:

- Music Tech at A level/BTEC National level/NCFE Level 3
- Other creative arts related HE or FE qualification

What Are My Career Opportunities?

Pupils who study Music could go on to work as: Sound engineer, Teacher, Music Therapist, other creative industry career paths.



**1 X LEVEL 1
/ LEVEL 2
TECHNICAL AWARD**

ncfe.



**CONTACT:
MRS BOOTH**

RELIGIOUS STUDIES

OPTION 1

Religious Studies is a valuable qualification in a changing world, providing an opportunity to reflect on the role of religion, in world issues, considering its place in society. The course provides knowledge of theology, philosophy, and ethics. It encourages pupils to ask questions and express opinions about the world in which they live.



What knowledge will I learn?

In Religious studies, you will be learning about:

- Religious Beliefs
- Living the Religious Life
- Marriage and the Family
- Matters of Life and Death
- Crime and Punishment
- Peace and Conflict



What Skills Will I Develop?

In Religious Studies, you will develop skills including: Analysis, Interpretation, Application, Evaluation and Communication.



Why Study Religious Studies?

Religious Studies looks beyond the traditional image of religion, the headlines about world events and religions role. Instead, developing an understanding and appreciation of religious thought, its contribution to individuals, communities, and societies, locally, nationally, and internationally. World religions are studied, developing knowledge, and understanding of their core beliefs and how these are applied to a variety of issues, impacting upon society, the core institutions, and individual lives in a developing world.

Pupils will understand and articulate their own and others' beliefs, values, and commitments.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Religion and Ethics (50%) 1 Hour 45 Minutes Written Paper
- Component 2 – Religion, Peace and Conflict (50%) 1 Hour 45 Minutes Written Paper

Homework

A range of homework will be set to enhance and affirm the pupil's knowledge and understanding of the course content and practise and develop the skills needed to ensure success at GCSE.

What Could I Study Next?

Upon completion of this course, you could study:

- A-Levels in Theology, Philosophy, Sociology, Law, Politics, History, Psychology and Health and Social Care.
- Degrees in Theology, Philosophy, Law, Sociology, Psychology, Criminology, History, Politics, Business, Economics, Medicine and Social Care.

What Are My Career Opportunities?

Pupils who study Religious Studies could go on to work in:

- The Charity Sector, Human Resources, Legal Practise, Criminal Justice, Management, Medicine, Politics, Education, Public Services, Journalism, Youth and Community Work.



1X GCSE



Pearson
SPECIFICATION B



CONTACT:
MISS COOPER



OPTION 2

ECONOMICS

ENTERPRISE AND MARKETING

HEALTH AND SOCIAL CARE

MUSIC

PHOTOGRAPHY

PSYCHOLOGY

SPORTS

STATISTICS

TRIPLE SCIENCE

ECONOMICS

OPTION 2

Economics is about people and their economic choices. This course enables learners to appreciate we are all part of the economy and that economics relates to every aspect of our lives – from the decisions of individuals or families to the structures created by governments and producers.

What knowledge will I learn?



In GCSE Economics, you will be learning about

- Introduction to Economics; main economic groups and factors of production, the basic economic problem.
- The role of markets and Money; demand, supply, price, competition, production, financial markets.
- Economic objectives and the role of government; Economic growth, unemployment, distribution of income, fiscal & monetary policy, supply side policies.
- International trade and the global economy; balance of trade, exchange rates, globalisation.

What Skills Will I Develop?



In GCSE Economics you will develop a logical approach to thinking and reasoning. By learning how to use economic data from a range of sources, such as tables, charts and graphs, you will acquire the skills to make informed judgements and to communicate in a clear and concise way. You will benefit from these transferrable skills in further study and employment.

Why Study Economics?



Economics is a dynamic, real-world subject, with something happening almost every hour which affects markets and the global economy. This course is both active and enjoyable. You need to be good at communicating and explaining your ideas, articulating and defending your position. You will be working with numerical, graphical and written data to analyse economic issues. You will learn how to be a creative and critical thinker and learn how to make justified decisions.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 - Introduction to Economics (50%) 1 Hour 30 Minute Written Examination
- Component 2 - National & International Economics (50%) 1 Hour 30 Minute Written Examination

Homework

Most homework will be in the form of theory. A GCSE revision guide and workbook will be used for some set homework tasks. News articles will also be used to keep up to date with current economic data.

What Could I Study Next?

Upon completion of this course, you could study:

- A Level Economics and beyond.
- A Level Business Studies
- Technical level – Business
- Apprenticeship – Economics/Business

What Are My Career Opportunities?

Pupils who study GCSE Economics could go on to work as:

Economist, Financial planner, Accountant, Economic researcher, Financial consultant or an Investment analyst.



1X GCSE



**CONTACT:
MRS THOMPSON**

ENTERPRISE AND MARKETING

OPTION 2

This course will help you to develop applied knowledge and practical skills in enterprise and marketing. It is designed with both practical and theoretical elements, which will prepare you for further study of qualifications in IT, enterprise, marketing or business. It will also prepare you for the world of work and help you understand the expectations of starting a business.

What knowledge will I learn?



To understand the business market and develop products, investigate what makes a product viable and understand how businesses attract and retain customers. You will learn about key aspects of small businesses, including ownership and functional activities. You are provided with a business challenge. From this you will create a researched and costed business proposal. You will undertake activities such as conducting market research, presenting data, using idea generation tools, seeking and acting on feedback, and costing proposals. You will prepare for and pitch your own business proposal. Alongside developing a brand identity, you will investigate how to best promote your product and then plan and prepare your pitch.



What Skills Will I Develop?

Knowledge and understanding of enterprise and marketing concepts, entrepreneurial skills, research and organisation skills to design a business proposal, creative skills to generate product ideas, numeracy skills to complete financial calculations, analysis and evaluation skills, planning and prioritising skills to design a promotional plan, presentation skills, self and peer assessment and collaborative working.



Why Study Enterprise and Marketing?

Want to start your own business? Considering a career in marketing? Or just interested in the world of business? Then this is the course for you!! You will learn business theory which you will apply to develop a business plan, create brand identity, create a promotional plan and then pitch your business idea.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 - Enterprise and Marketing Concepts (36%) 1 Hour 15 Minute Written Examination
- Component 2 – Design a business proposal (32%) Non-Examination Assessment
- Component 3 – Market and pitch a business proposal (32%) Non-Examination Assessment

Homework

Homework will be set weekly however some tasks may take the form of research over a longer period of time.

What Could I Study Next?

Upon completion of this course, you could study:

- A Levels – Business, Marketing, Accounting & Economics
- T Levels – Accounting, Digital Business Services or Finance Services
- BA (Hons) in Business Management

What Are My Career Opportunities?

Pupils who study Enterprise and Marketing could go on to work as:

Entrepreneur, Accountancy or Digital Business services.



**1 X LEVEL 1
/ LEVEL 2
TECHNICAL AWARD**



**CONTACT:
MISS MADDEN**

HEALTH AND SOCIAL CARE **OPTION 2**

Health and Social Care involves working with different people of a variety of ages, from babies and children to people with special needs or learning difficulties, to the elderly. You work with people during some of the best and worst times of their lives. If you are an approachable, trustworthy, hardworking and enthusiastic person, this course may be for you.

What knowledge will I learn?



In Health & Social Care Component 1, you will be learning about how people grow and develop across the life stages and how that is affected by different factors (such as genetics and lifestyle choices). You will also explore the different ways people deal with life events, such as after an accident. In Component 2, you will be learning about different health and social care services and how they meet the needs of real service users. Finally, in Component 3, you will study the factors that affect health and wellbeing and will design health and wellbeing improvement plans.



What Skills Will I Develop?

In Health and Social Care, you will develop key skills such as interpreting data to assess someone's health, design and investigation skills. You will also develop your literacy and ICT skills through assignment writing where you will explain, compare and analyse information.



Why Study Health and Social Care?

The UK healthcare industry currently employs over 2.2 million specialists, making it a great place to begin a successful career. Studying H&SC opens the door to many opportunities to develop and progress in an ever-changing world. Most importantly, it gives you the privilege to make a difference in someone's life.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Human Lifespan Development (30%) Non-Examination Assessment
- Component 2 – Health and Social Care Services and Values (30%) Non-Exam Assessment
- Component 3 – Health and Wellbeing (40%) 2 Hour Written Exam

Homework

Homework will be given on a weekly basis including reading and assignment preparation.

What Could I Study Next?

Upon completion of this Level 1/2 BTEC course, you could study:

- A Level Science, Psychology, Sociology
- T Level Health
- BTEC National Health & Social Care
- Cambridge Technical in Health and Social Care, Applied Science

What Are My Career Opportunities?

Pupils who study Health and Social Care could go on to work in/as:

Nursing, Midwifery, Early Years Education, Physiotherapist, Social Worker, Mental Health Nursing.



**1 X LEVEL 1
/ LEVEL 2
TECHNICAL AWARD**



Pearson



**CONTACT:
MRS AUSTIN**



MUSIC

OPTION 2

Music is an exciting practical-based course that will enable you to develop your all-round skills as a versatile musician. You will enjoy and encounter a wide variety of musical styles and traditions on this course.



What knowledge will I learn?

The course is divided into 3 key areas of study: Performing - You will develop your skills as a performer throughout the course. You are expected to prepare both solo and ensemble pieces.

Listening - As part of the course, you will learn about different styles of music and be able to discuss key features of the music. Three areas of music are studied: World Music, The Western Tonal Tradition, and Popular Music.

Composing - Through the course, you will produce 2 compositions that are related to the areas of study completed in your listening work. Compositions range from song-writing, writing for your own instrument, writing for a group and using the latest ICT equipment available in the music department.



What Skills Will I Develop?

Throughout your study of this course you will develop your musicianship skills within the 3 key areas. In performance you will develop specialist skills on your instrument with chance to perform solo or as part of an ensemble. In composition you will develop use of Mac computers to create your own compositions using MIDI keyboard and your own instrument. In Listening you will develop.



Why Study Music?

Music is all around us. It influences our moods and emotions and enhances our lives every day. GCSE gives you the opportunity to develop all of your skills as a musician. It allows you to learn with like-minded people who love to perform and make their own music.

Assessment

Component 1: Listening (40%) 1 Hour 30 Minute

Written Exam

Component 2: Performing (30%) Practical Exam

Component 3: Composition (30%) Non-Examination Assessment

Homework

- Commitment to the music department by playing your chosen instrument (including voice) by regular practice and regular lessons with a specialist tutor.
- Revise key concepts and features regularly to help prepare yourself for the listening exam.

What Could I Study Next?

Upon completion of this course, you could study:

- Music at A level/BTEC National level
- Other creative arts related HE or FE qualification

What Are My Career Opportunities?

Pupils who study Music could go on to work as: Professional Musician, Professional composer, Sound engineer, Teacher, Music Therapist, other creative industry career paths.



1X GCSE



**CONTACT:
MISS JONES**

PHOTOGRAPHY **OPTION 2**

This is a two-year practical course which allows you to explore a variety of Photography skills and techniques. The qualification requires you to produce a digital portfolio of work which creatively records your ideas, and the processes and techniques learned. You will develop independent thinking skills and take creative risks to help explore and understand the importance and purpose of visual imagery.



What knowledge will I learn?

In Photography lessons, you will explore supporting studies and develop your knowledge about photographers, designers and cultures. You will be introduced to a variety of Photography skills to enable you to use a digital camera, Photoshop and experiment with your outcomes to analyse visual elements and compositions.



What Skills Will I Develop?

In Photography you will develop your knowledge and own ideas based on the project themes set. You will be given the opportunity to become confident and competent using a digital camera as well as being able to use editing skills using Photoshop to evidence your progress in sketchbook work.



Why Study Photography?

We live in an age where photographic images play a large part in all our lives. Photography will give you the opportunity to explore a medium which is both artistic and science based. If you have a passion for Photography and can commit time to complete photo shoots outside of the school hours this subject allows you to express yourself as an individual and develop personal ideas and creative thinking skills.

Assessment

To complete this course, you will undertake the following assessments

- Component 1 - Portfolio (60%) Non-Exam Assessment
- Component 2 - Externally Set Assignment (40%) 10 Hour Non-Exam Assessment.

Homework

Homework will be set regularly throughout the course. This will mostly consist of Photo shoots and preparation for lesson activity which will inform your digital photography sketchbook response. You must be sufficiently self-motivated to complete photo shoots.

What Could I Study Next?

Upon completion of this course, you could study:

- A Level Photography

What Are My Career Opportunities?

Pupils who study Art could go on to work as: Photographer, Photojournalist, Animator, Fine art Photography, Design Fashion Photographer, Forensic Photographer and a Visual Merchandiser.



1X GCSE



CONTACT:
MR BILLINGTON



PSYCHOLOGY **OPTION 2**

Psychology is the scientific study of the mind and human behaviour. Psychologists observe and conduct experiments to find out more about the way people act and interact. They try to understand what motivates, challenges, or changes us and use this knowledge to help tackle personal and social problems.

What knowledge will I learn?



In Psychology, you will be learning about:

- Criminal Psychology
- Developmental Psychology
- Psychological problems
- Social Influence
- Cognitive Psychology (Memory)
- Sleep and Dreaming
- Psychological Research Methods



What Skills Will I Develop?

In Psychology, you will develop your skills of:

Identification, Explanation, Interpretation, Analysis, Application, Evaluation and Communication.



Why Study Psychology?

To study Psychology, you must have an interest in discovering how the human mind works and the ways it influences behaviour. Studying Psychology will begin to give you answers to questions such as how we develop our personality, why people suffer from mental disorders and how they can be treated and why we are more likely to obey the orders of a policeman than a milkman! All based on evidence from scientific research, from different psychological perspectives. Psychology is an ever developing and evolving discipline

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 – Studies and Applications of Psychology (50%) 1 Hour 30 Minute Written Paper
- Component 2 – Studies and Applications in Psychology (50%) 1 Hour 30 Minute Written Paper

Homework

A range of homework will be set to enhance and affirm the pupil's knowledge and understanding of the course content and practise and develop the skills needed to ensure success at GCSE.

What Could I Study Next?

Upon completion of this course, you could study:

- A-Levels in Psychology, Sociology, Law, Politics, Theology, Philosophy, Health and Social Care, Sports Studies.
- Degrees in Psychology, Criminology, Sociology, Medicine, Sport, and Social Care.

What Are My Career Opportunities?

Pupils who study Psychology could go on to work in:

- Education, Medicine, Sports Science, Legal Practise, Police, Criminal Justice, Forensics, Prison Service, Counselling, Therapeutic Practise, Human Resources, Youth and Community Work and Management.



1X GCSE



**CONTACT:
MISS COOPER**

SPORT **OPTION 2**

This is a two-year course appealing to students who enjoy combining theoretical understanding and practical application of Sport and Physical Education. It is designed to give students an awareness and understanding of fitness, practical sport, personal training and anatomy and physiology.



What knowledge will I learn?

In BTEC Sport you will be learning about a wide range of theoretical and practical elements. The course is designed in to 3 units, where you will study topics that include Preparing Participants to Take Part in Sport, Taking Part and Improving Others Sports Performance and Developing Fitness to Improve Other Participants Sports Performance.



What Skills Will I Develop?

In BTEC Sport pupils will develop a variety of skills based around sports performance and the theory of sport. Independent ICT skills are thoroughly developed as is presenting work for assessment and report writing.



Why Study Sports?

The BTEC Sport course suits pupils who are highly motivated and are willing to work both independently and within larger groups. They must have a keen interest in sport and play for at least one (preferably two) teams/clubs outside of school.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 - Preparing Participants to Take Part in Sport and Physical Activity (30%) Non-Examination Assessment.
- Component 2 - Taking Part and Improving Other Participants Sporting Performance (30%) Non-Examination Assessment.
- Component 3 - Developing Fitness to Improve Other Participants Performance in Sport and Physical Activity (40%) 1 Hour 30 Minute Written Examination.

A variety of forms of assessment are used such as presentations, Power Points, posters, Microsoft Word documents, sports leadership sessions and evaluations. Photographic and video evidence are also used frequently. Pupils are assessed against set criteria for each unit and take the form of a Pass, Merit or Distinction grading.

Homework

A range of homework will be set to enhance and affirm the pupil's knowledge and understanding of the course content and practise and develop the skills needed to ensure success at GCSE.

What Could I Study Next?

Upon completion of this course, you could study:

- A-Level Physical Education
- Level 3 BTEC Nationals in Sport
- Sport related national governing body awards
- BTEC T-Levels

What Are My Career Opportunities?

Pupils who study BTEC Sport could go on to work as: Sport Scientist, Sports Coach, Physiotherapist or PE Teacher.



**1 X LEVEL 1
/ LEVEL 2
TECHNICAL AWARD**



Pearson



**CONTACT:
MR MULLOCK**

STATISTICS

OPTION 2

Statistics is an area of Mathematics that involves the collection, description, analysis and interpretation of data. This course will allow you to study data from real-world problems which will enable you to reach reliable conclusions based on evidence. GCSE Statistics will complement, and support greater achievement, in GCSE Mathematics.



What knowledge will I learn?

In Statistics, you will learn about the four-phased approach we undertake to ensure effective collection of data. You will develop an understanding of how to accurately process, represent and analyse data. Whilst building upon topics studied in GCSE Mathematics, you will be introduced to new content such as measures of central tendency and dispersion, and Spearman's rank. You will also study Probability in detail that extends beyond the content studied in GCSE Mathematics. You will be introduced to new topics such as Binomial distribution and Normal distribution.



What Skills Will I Develop?

Statistics will support the development of transferable skills. You will be introduced to the skills of statistical enquiry, and practise the underpinning statistical calculations and interpretation using real world data and authentic contexts. Our approach supports skills development for progression to a range of subjects and develops an awareness of statistics beyond the classroom.



Why Study Statistics?

Statistics is about making decisions when there is an element of uncertainty. Perhaps one of the most versatile areas of Maths, it gives pupils the ability to collect, analyse, interpret and present data.

Assessment

To complete this course, you will undertake the following assessments:

- Component 1 and Component 2 – Collection of Data; Processing, representing and analysing data; and Probability (50% each) 1 Hour 30 Minute Written Examination.

Homework

You will be assigned one hour of homework per week that should be completed independently. The assigned homework will aim to consolidate knowledge that has been learned in lessons, along with giving pupils access to exam style questions.

What Could I Study Next?

Upon completion of this course, you could study:

- A-level Mathematics and Statistics
- A-level Biology and Physics
- T Level in Science
- BTEC Business and Engineering
- BSc - Mathematics, Accountancy, Business, Finance and Economics

What Are My Career Opportunities?

Statistics is integral to a large variety of career pathways and a strong Statistician will be well placed in any career. Pupils who study Statistics could go on to work as:

Financial analyst, Software Engineer, Actuary and Risk Management.



1X GCSE



Pearson



**CONTACT:
MR SMITH**

TRIPLE SCIENCE

OPTION 2

This course recognises the impact of Science in everyday life, helping learners to make informed decisions about current scientific issues. The course covers key ideas in Biology, Chemistry and Physics in a greater depth than in Combined Science GCSE.



What knowledge will I learn?

In addition to the topics covered within the combined science course you will also study:

Biology: Culturing microorganisms, plant diseases, the brain, eye and kidney, DNA structure, Cloning, Evolution, Speciation, Human impact on environmental resources

Chemistry: Transition metals, Titrations, Fuel Cells, Further Organic Chemistry, Reactions of metal and non-metal ions, The Haber Process

Physics: Pressure laws, Electrostatics, Nuclear Power, Further mechanics, Electricity generation and Space



What Skills Will I Develop?

In Science you will develop your scientific thinking, experimental skills and strategies as well as analytical and evaluative skills.

There are additional practical investigations compared to Combined Science. We use contemporary and relevant contexts which are taught through a range of theoretical and practical-based learning activities.



Why Study Triple Science?

Science is a fundamental course which enables students to explain how everything in their day to day lives works. The triple science course allows students who enjoy science to extend their knowledge further by studying topics such as Space which are not covered within the Combined Science course. For those wanting to pursue a career in a scientific field, Triple Science is favoured as it demonstrates a more in-depth knowledge of scientific concepts.

Assessment

There are six written exams each lasting 1 hour and 45 minutes. There are two papers for each specialism – biology, chemistry and physics – each accounting for 16.7% of the overall mark.

Homework

Homework will be set regularly to provide retrieval practice and exam practice questions. This will be set through booklet work and online platforms. Suitable tasks will be used to extend and consolidate the learning in lessons.

What Could I Study Next?

Upon completion of this course, you could study:

- A-Levels in Biology/Chemistry/Physics
- BTEC Applied Science / Engineering
- BTEC Health & Social Care

What Are My Career Opportunities?

Pupils who study Science could go on to work in a wide range of professions including:

Medicine/Nursing/Vet/Paramedic, Pharmacy/Environmental Scientist, Engineering/Electrician/Technician.



3X GCSE



CONTACT:
MRS CURRYER

