



ALL SAINTS'

CATHOLIC VOLUNTARY ACADEMY & SIXTH FORM COLLEGE



English Language Subject Information



Course description

This is a two year course where you will analyse a range of texts that look at personal and immediate language contexts. You will then move to how language is placed in its wider social, historical and global contexts and independent study is required. This course will open your eyes to language in the world around you.

What will I study?

Year 1- Paper 1 Section A- This area of study introduces students to methods of language analysis to explore concepts of audience, purpose, genre, mode and representation.

Paper 2 Section A- Students will study the key concepts of audience, purpose, genre and mode and will explore language in its wider social and geographical contexts. Students will study varieties of English within the British Isles. This part of the subject content also requires students to study social attitudes to, and debates about, language diversity.

Paper 2 Section C- writing about language issues in a variety of forms to communicate their ideas to a non-specialist audience- most likely an opinion piece.

Year 2 - Paper 1 Section B- Students should explore how children develop their spoken and written skills.

Paper 2 Section B- students will compare how texts represented changes in language (including regional, national and international varieties of English)

NEA- The aim of this area of study is to allow students to explore and analyse language data independently and develop and reflect upon their own writing expertise.

How will I be assessed?

Two examinations and NEA

What skills will help me / Personal Qualities?

Desirable skills include critical reading, data analysis, evaluation, the ability to develop and sustain arguments.

How will I develop over the two years?

Due to the variety of assessment styles used, you will develop your skills around data analysis, discursive essays, directed writing, original writing and research-based investigative writing during the course.

Potential Career paths

English is good for any job that involves communication, writing and / or literary knowledge. These include: advertising, marketing, writing and journalism, law, consultancy, business, teaching, performing arts, academia, government, linguistics, foreign languages, media and design

Entry Requirements

Five subjects at grade 5-9 at GCSE, including English Language at grade 6 or higher.

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English Literature Subject Information

Course description

The study of literature through the lens of historicism, encouraging the independent study of a range of texts within a shared context, giving logic and meaning to the way that texts are grouped for study. This unifying approach facilitates the inclusion of a range of wider reading, thus extending your experience and appreciation of literature.

What will I study?

Year 1 and 2

Component	Section	Text type	Genre requirement	Text requirement
Love through the ages	A	One core set text	One drama text	Shakespeare
	B	Two comparative set texts	One poetry and one prose text	One must be written pre-1900
Texts in shared contexts	A	One core set text	One drama, one poetry and one prose text	One must be written post-2000
	B	Two comparative set texts		
Texts across time		Two independently chosen texts	Choice of genre	One must be written pre-1900

How will I be assessed?

Two examinations and NEA

What skills will help me / Personal Qualities?

Desirable skills include being an avid reader for pleasure, critical reading, evaluation, the ability to develop and sustain arguments.

How will I develop over the two years?

The variety of assessment styles used, such as passage-based questions, unseen material, single-text questions, multiple-text questions, open- and closed-book approaches allows students to develop a wide range of skills, such as the ability to read critically, analyse, evaluate and undertake independent research which are valuable for both further study and future employment.

Potential Career paths

English is good for any job that involves communication, writing and / or literary knowledge. These include: advertising, marketing, writing and journalism, law, consultancy, business, teaching, performing arts, academia, government, linguistics, foreign languages, media and design

Entry Requirements

Five subjects at grade 5-9 at GCSE, including English Literature at grade 6 or higher.



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Art Subject Information

What will I study:

Year 1 – Skills building

You will produce various observational drawings and paintings around a theme of your choice, look at the work of artists whom you find inspirational, develop your ideas for a 2D painted final piece and a 3D mixed media sculpture. You are set independent study tasks such as visiting exhibitions and galleries in order to enrich your own work as it develops.

Year 2 – Developing your portfolio

You will continue to develop and refine your sketchbook journey and plan and produce your final piece for your coursework project in a medium technique of your choice. In addition to your coursework sketchbook you are required to produce a 3000 word essay to accompany your coursework project. Again the theme for this essay is your own choice and it will look at the work of different artists and how they have inspired you.

Coursework is worth 60% of your final grade and you have from September in the first year of study until the January in your second year of study to complete. You will be given the exam theme in the February of your second year of study. During lesson time from then onwards is dedicated to producing your exam project. The exam will take place in early May where you will have 15Hours over 3 days to produce a final response to the exam theme, the exam project is worth the remaining 40% of your final grade.

How will I be assessed?

You will be marked on four areas:

Your artist analysis skills: Develop ideas through sustained and focused investigations informed by contextual and other sources, demonstrating analytical and critical understanding. Your idea development skills: Experiment with and select appropriate resources, media, materials, techniques and processes, reviewing and refining ideas as your work develops. Your observational drawing and painting skills: Record in visual and/or other forms ideas, observations and insights relevant to intentions, demonstrating an ability to reflect on work and progress. Your ability to bring all of the above together into a successful final piece: Present a personal, informed and meaningful response demonstrating critical understanding, realising intentions and, where appropriate, making connections between visual, oral or other elements. Coursework is worth 60% of your overall grade and the exam project is worth 40%. Teachers will regularly mark your work giving in depth feedback using the exam boards assessment matrix letting you know how to progress and improve your work.

Career paths:

After A Level many students go on to take a “Foundation course” in Art & Design at a college for 1 year. This course helps them to select a specialism area and create a portfolio for university interviews. A typical BA HONS Art specialist course is 3 years long and leads into many different areas of employment: Art restorer / Videographer / Special effects and makeup artist / Hair or clothes stylist / Gallery owner or assistant / Art therapist / Photographer / Film maker / Art critic / Art teacher / Furniture designer and maker / Sculptor / Potter / Advertising concept artist / Architectural concept designer / Interior designer / Fashion designer / Print maker / Art restorer / Illustrator / Set designer /Graphic designer /Animator / Video game artist.....and many more.

Personal qualities:

Students will have a mix of drawing, painting and three dimensional skills, they must have an interest in the work of other artist's, designers and craft persons and the ability to research into the work of others in order to inform and inspire their own work. Students must be able to write clearly annotating sketchbook work as it develops and be prepared to experiment with new materials, processes and techniques.

Entry requirements:

Five GCSEs at grade 5-9 including Art at grade 6 or higher.

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Health & Social Care Subject Information

Course Information for Btec Level 3

There are a wide range of topics covered on the Extended Certificate course. Areas covered include communication skills, growth and development, diversity and equality, health and safety, and many more. This course provides a broad overview of the Health and

Social Care sector, forming part of a programme of study including other courses e.g. BTEC Nationals or A levels.

What will I study?

In Year 12 you will student two units:

Unit one: Human lifespan development

Unit five Meeting individual care and support needs.

In Year 13 you will go onto study a further two units:

Unit two: Working in health and social care

One other optional unit from:

Sociological perspectives; psychological perspectives; additional needs or physiological disorders.

How is the course assessed?

Units Five and optional units are coursework based units and may take the form of written work, power points, presentations, role plays and posters. Which are internally assessed and then verified by other health and social care teachers. Units One and Two are externally assessed by the way of an examination. Unit one in Year 12 and unit two in Year 13.

Who's it for?

The Extended Certificate in Health and Social Care aims to provide an introduction to the sector. It is for learners who are interested in learning about the health and social care sector as part of a balanced study programme. It is equivalent in size to one A Level. The qualification supports access to a range of higher education courses possibly, but not exclusively, in health and social care, if taken alongside further Level 3 qualifications. The qualification typically makes up one-third of a study programme.

What skills will help me/ personal qualities?

The units provide students with the opportunity to practice and develop employability skills. Such as:

- Cognitive and problem-solving skills: use critical thinking, approach non-routine problems applying expert and creative solutions, use systems and technology
- Intrapersonal skills: communicating, working collaboratively, negotiating and influencing, self-presentation
- Interpersonal skills: self-management, adaptability and resilience, self-monitoring and development.

Career Paths

Students can go on to a degree in nursing, midwifery, sociology, psychology, social work, criminology or youth work, or an HND in managing health and care services, social policy or teacher training.

If you wish to go into employment straight away, you could work in a registered care home, community work, the voluntary sector, a hospital or primary care trust.

Job roles include: care worker, pharmacy technician, laboratory technician, early years educator, support worker, ambulance technician, nursery nurse, teaching assistant, youth worker and many, many more.

Entry requirements:

Students enrolling on this course require a minimum of 5 GCSE grades 5-9, including English.

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Business Subject Information

Course description

Students of this course should study business in a variety of contexts (eg large/small, UK focused/global, service/manufacturing) and consider:

- the importance of the context of business in relation to decision making
- the interrelated nature of business activities and how they affect competitiveness
- the competitive environment and the markets in which businesses operate
- the influences on functional decisions and plans including ethical and environmental issues
- the factors that might determine whether a decision is successful e.g. the quality of data and the degree of uncertainty
- how technology is changing the way decisions are made and how businesses operate and compete
- the impact on stakeholders of functional decisions and their response to such decisions
- use of non-quantitative and quantitative data in decision making (including the interpretation of index numbers and calculations such as ratios and percentages).

What will I study?

Year 1

1. What is business?
2. Managers, leadership and decision making
3. Decision making to improve marketing performance
4. Decision making to improve operational performance
5. Decision making to improve financial performance
6. Decision making to improve human resource performance

Year 2

7. Analysing the strategic position of a business
8. Choosing strategic direction
9. Strategic methods: how to pursue strategies
10. Managing strategic change

How will I be assessed?

Paper 1: Business 1 - Written exam: 2 hours, 100 marks in total, 33.3% of A-level

Three compulsory sections:

- Section A has 15 multiple choice questions (MCQs) worth 15 marks.
- Section B has short answer questions worth 35 marks.
- Sections C and D have two essay questions (choice of one from two and one from two) worth 25 marks each.

Paper 2: Business 2 - Written exam: 2 hours, 100 marks in total, 33.3% of A-level

Three data response compulsory questions worth approximately 33 marks each and made up of three or four part questions.

Paper 3: Business 3 - Written exam: 2 hours, 100 marks in total, 33.3% of A-level

One compulsory case study followed by approximately six questions.

What skills will help me / Personal Qualities?

Must be committed, be hard-working, be able to work independently, have good computer skills and Must have good time-management skills.

How will I develop over the two years?

Students will develop the knowledge and skills needed to analyse data, think critically about issues and make Informed decisions – all skills that are needed for further study and employment.

Potential Career paths

Business Studies is an ideal prelude to any business degree. It also allows students to gain an understanding of the business skills that are transferable to the outside world.

Entry Requirements

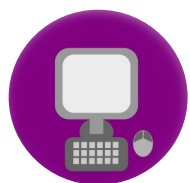
Students wishing to study A Level Business must have 5 GCSEs at grade 5-9 and above including grade 6 in English Language and 6 in Mathematics.

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Computer Science Subject Information

Course Description

This course consists of two examinations and one non-exam assessment:-

- Computer systems – 2 hours and 30 minutes written paper at end of year 13 – 40% of total A-level
- Algorithms and programming – 2 hours and 30 minutes written paper at end of year 13 – 40% of total A-level
- Programming Project – 20% of total A-level (Assessed by teacher and sent off for moderation)

Skills that will help me/ Personal Qualities?

- Good Mathematical skills
- Ability to solve problems
- An interest in how computers and networks work
- The ability to analyse problems in computational terms through practical experience of solving such problems, including writing programs to do so.

How will I develop over the two years?

This course is aimed at students wanting a specialist computing qualification prior to studying computer science or a similar degree and demands fairly high levels of logic or mathematical ability.

You will develop an understanding of the main principles of solving problems using computers. You will also learn practical programming skills using a range of languages which will help you to solve the Programming project.

Potential Career paths

A Level Computer Science is ideal for students who wish to pursue further studies and/or a career in one of the many areas of Computing and I.T. Many students progress onto University courses to study Computer Science, and other degrees such as: Computer Systems Engineering, Computer Science with Business Management, Software Engineering, Artificial Intelligence

Careers related to these degrees include: Business analyst, Database administrator, Games developer, Information systems manager, IT consultant, Multimedia programmer, SEO specialist, Systems analyst, Systems developer, UX analyst, Web designer, Web developer

Entry Requirements

GCSE Computing Grade 5, or GCSE maths Grade 5 or above

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Drama & Theatre Studies Subject Information

Course description

This course emphasises practical creativity alongside research and theoretical understanding of the world of theatre, drama practitioners and drama styles.

What will I study?

Year 1

You will study a range of practical and theoretical elements. There is a practical exploration and theatrical interpretation of two extracts, with one extract being performed in the style of a practitioner as specified by the examination board. To accompany this there will be a portfolio which outlines the choices and research you have done to prepare you for these performances.

Year 2

You will continue to broaden your knowledge of practical and theoretical elements including a 3 hour written exam on two further set texts as specified by the examination board and a more in depth analysis and evaluation of the work of live theatre makers. You will create a devised piece of drama performed in the style and methodology of a specified practitioner accompanied by a working notebook. The final element is the performance of three extracts taken from three different plays performed in differing styles. This will be accompanied by a reflective report which analyses and evaluates the theatrical interpretation of all three extracts.

How will I be assessed?

You will be assessed through a range of practical components, written components in the form of written examinations and portfolio and working notebook logs.

What skills will help me / Personal Qualities?

Most importantly you need to have the confidence to perform in front of others on a regular basis and have both academic and creative skills. You will be working as part of a group so team work, listening skills and the ability to both lead and support a team are vital.

How will I develop over the two years?

Drama and Theatre Studies is not only for those who wish to pursue a career in the theatre. Through studying it you will develop personal skills such as self-confidence and the ability to work with others. The balance of practical skills and academic knowledge helps students to develop cross-curricular skills that include writing, speaking and the ability to analyse and organise information.

Potential Career paths

A-level Drama and Theatre Studies is useful for students considering Higher Education in any arts or humanities subject including English Language and Literature, Journalism, Dance, Music, Art and Design, and Media Studies. Career opportunities for students who study A-level Drama and Theatre Studies include: Arts/theatre administration, arts journalism, director, actor, designer, playwright, stage management, theatre management, theatrical agent, technician, broadcasting, media presenting, education, drama therapy and scriptwriting. There are several combined degree courses which place Drama and Theatre Studies alongside subjects such as English or Media as well as specialised degrees in Drama, Theatre Studies and Acting.

Entry Requirements

A GCSE in Drama grade B or above, at least a 5 grade in GCSE English and the confidence to perform in front of others on a regular basis.

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German Subject Information

Course description

A 2 year course designed to inspire, challenge and motivate students!! Students study a wide variety of set texts and films which are rich in cultural references to broaden your horizons and knowledge. You will develop your linguistic skills alongside your understanding of the culture and society of the countries where German is spoken

What will I study?

Year 1

Familie im Wandel – Beziehungen / Partnerschaft und Ehe / Verschiedene Familienformen

Die digitale Welt – das Internet / Soziale Netzwerke / Die Digitalisierung der Gesellschaft

Jugendkultur – Mode und Image / Musik / Fernsehen

Feste und Traditionen - Ihre Wurzeln und Ursprünge / Kunst und Architektur im Alltag / das Berliner Kulturleben

+ 1 book

Year 2

Immigration (Einwanderung) – Vorteile und Nachteile / Integration / Rassismus

Deutschland und die Europäische Union – die Rolle Deutschlands / die Politik und die Jugend / die Wiedervereinigung

+ 1 film

+ 1 research project

How will I be assessed?

Paper 1 Listening, Reading & Writing, 2 hours 30 minutes - 50%

Paper 2 Writing, 2 hours - 20%

(one question in German on a set text from a choice of two questions and one question in German on a set film from a choice of two questions)

Paper 3 Speaking, 21-23 minutes (including 5 mins preparation) - 30%

(Discussion of a sub-theme based on a stimulus card / presentation and discussion of individual research project)

What skills will help me / Personal Qualities?

You need a determination to “have a go” and to not let nerves get in the way. You need to be focussed, with an ability for self and independent study and the discipline to study regularly. A curiosity of the countries in which German is spoken is desirable as is an understanding of – and interest in - cultural diversity.

Potential Career paths;

As well as making it easier to spend time living, working and studying in different parts of the world, language skills can also confer a considerable **competitive edge** in today’s job market.

An A level language can help also in the following industries; business, engineering. Translation and interpreting, law, marketing, teaching, diplomacy, voluntary work, ICT, food industry and pharmaceuticals, cosmetics, banking / finance, tourism, hospitality

Entry Requirements

5 GCSEs 5-9 and grade 6 in GCSE German

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French Subject Information

Course description

A 2 year course designed to inspire, challenge and motivate students!! Students study a wide variety of set texts and films which are rich in cultural references to broaden your horizons and knowledge. You will develop your linguistic skills alongside your understanding of the culture and society of the countries where French is spoken.

What will I study?

Year 1

- The changing nature of family (La famille en voie de changement)
- The 'cyber-society' (La « cyber-société »)
- The place of voluntary work (Le rôle du bénévolat)
- + 1 book

Year 2

- Positive features of a diverse society (Les aspects positifs d'une société diverse)
- How criminals are treated (Comment on traite les criminels)
- + 1 film and 1 research project

How will I be assessed?

Paper 1 Listening, Reading & Writing	2 hours 30 minutes	50%
Paper 2 Writing	2 hours	20%

(one question in French on a set text from a choice of two questions and one question in French on a set film from a choice of two questions)

Paper 3 Speaking 21-23 minutes (including 5 mins preparation) 30%

(Discussion of a sub-theme based on a stimulus card / presentation and discussion of individual research project)

What skills will help me / Personal Qualities?

You need a determination to “have a go” and to not let nerves get in the way. You need to be focussed, with an ability for self and independent study and the discipline to study regularly. A curiosity of the countries in which French is spoken is desirable as is an understanding of - and an interest in - cultural diversity.

Potential Career paths;

As well as making it easier to spend time living, working and studying in different parts of the world, language skills can also confer a considerable competitive edge in today's job market.

An A level language can help also in the following industries; business, engineering. Translation and interpreting, law, marketing, teaching, diplomacy, voluntary work, ICT, food industry and pharmaceuticals, cosmetics, banking / finance, tourism, hospitality.

Entry Requirements

5 GCSEs 5-9 and grade 6 at GCSE French

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Geography Subject Information

Course description

Geography 'A' level studies real world issues and places and helps students use their geographical skills to make sense of the world around them. The course makes constant links to current affairs and how political decisions can impact on geographical issues.

What will I study?

Year 1

- Physical Geography – Tectonic Hazards, Coastal Landscapes
- Human Geography – Globalisation, Regenerating Places
- Fieldwork and Coursework

Year 2

- Physical Geography - Water cycle and Insecurity, Carbon Cycle, Energy Security.
- Human Geography - Superpowers, either Health, Human Rights and Intervention or Migration, Identity and Sovereignty.
- Synoptic Issues

How will I be assessed?

Paper 1 - 30% marks-Physical Geography - Tectonic Hazards, Coastal Landscapes, Water cycle and Insecurity, Carbon Cycle, Energy Security.

Paper 2 – 30% marks-Human Geography - Globalisation, Regenerating Places, Superpowers, either Health, Human Rights and Intervention or Migration, Identity and Sovereignty.

Paper 3 – 20% marks-Issues Analysis – Exam questions on a booklet of new information about geographical issues raised by topics from Papers 1 and 2.

Paper 4 – 20% marks-Coursework – 3000-4000 word report based on fieldwork undertaken during the course. **Students must complete at least four days fieldwork to meet exam board requirements.**

What skills will help me?

- an interest in current affairs and the world
- enjoy working out what is happening in an area using a variety of pieces of information
- enjoy trying to work out answers or decisions using a variety of pieces of information
- enjoy observing the real world and doing fieldwork outside
- being able to plan a structure or route through a piece of work

How will I develop over the two years?

Students will learn about key geographical ideas and theories from Physical and Human Geography in Y12 and then learn how to apply them to real world situations throughout Y13. Students will also learn fieldwork and organisational skills when completing the coursework paper at the end of Y12.

Potential career paths

Outside of medicine, Geography graduates have the highest employment rates! Many geographers work in areas like accountancy, law, surveying, ICT (particularly GIS) and environmental services

Entry requirements

Students enrolling on this course require a minimum of 5 GCSE grades 5-9 with a grade 5 or above in Geography. A grade 5 or above in Maths will be needed as the course does include basic statistics.

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History Subject Information

Course description

A two year course that builds on and enhances knowledge and historical skills gained during the GCSE years. The course spans the modern and early modern time periods focussing on the political, social and economic issues of each era.

What will I study?

Year 1- Paper 1 topics – *Britain transformed, 1918-97*

The option is divided into the following four themes, though students need to appreciate the linkages between themes, as questions may target the content of more than one.

- Theme 1: A changing political and economic environment, 1918-79
- Theme 2: Creating a welfare state, 1918-79
- Theme 3: Society in transition, 1918-79
- Theme 4: The changing quality of life, 1918-79

The historical interpretations focus is: What impact did Thatcher's governments (1979-90) have on Britain, 1979-97?

Paper 2 topics- *The USA, c1920-55: boom, bust and recovery*

The option is divided into the following four topics, though students need to appreciate the linkages between topics, as questions may target the content of more than one topic.

- Topic 1: Boom and crash, 1920-29
- Topic 2: Depression and the New Deal, 1929-38
- Topic 3: Impact of the New Deal and the Second World War on the USA to 1945
- Topic 4: The transformation of the USA, 1945-55

Year 2 - Paper 3 topics- *The witch craze in Britain, Europe and North America c.1580-1750*

Aspects in breadth: challenges to the witch craze, c1580-c1750

- 1 Changing attitudes to witchcraft in Britain
- 2 The wider intellectual context: the coming of the age of science and reason

Aspects in depth: persecuting witches

- 1 The North Berwick witches in Scotland, 1590-91 and the aftermath to 1597
- 2 The Lancashire witches of 1604-13
- 3 The Great Witch Hunt, in Bamberg, Germany, 1623-32
- 4 Matthew Hopkins and the East Anglian witch craze, 1645-47
- 5 Cotton Mather and the Salem witch hunt, 1692-93

Coursework

Students create their own coursework question after studying Russia between 1855-1954. This contextualised assignment should be produced which follows a template below:

- Historians have disagreed about [the chosen question, problem or issue].
- What is your view about [the chosen question, problem or issue]?

How will I be assessed?

There are 3 exam papers and one coursework unit.

How will I develop over the two years?

You will get to grips with a need for increased knowledge and understanding of key events in the time periods you study. You will be able to analyse contemporary sources and historical interpretations of the past with greater fluency and precision, comfortably commenting on the reliability, usefulness and purpose of evidence.

Potential Career paths

Students of History A Level go on to secure university place in many other subjects such as business, law and social sciences. History graduates go on to a variety of career paths such as solicitors, business and teaching.

Entry Requirements; GCSE grade 6 in History plus 5 GCSE grades 5-9

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Music Subject Information

Course description

In Music the course will consist of:

- Performing: This gives students the opportunity to perform as a soloist, or part of an ensemble.
- Composing: This unit encourages students to develop their creative composition skills.
- Listening and understanding: In this unit, students will focus on listening to familiar and unfamiliar works drawn from a range of musical genres.

What will I study?

Year 1

- Listening and understanding Music
- Advanced musical theory
- Composition to a brief
- Performance and repertoire

Year 2

- Further listening and understanding Music
- Advanced musical theory
- Free composition
- Recording of performance repertoire

How will I be assessed?

30% Performance – a recital of 12 minutes

30% Composition – two compositions

40% Listening and understanding – a two-hour examination set by the exam board

What skills will help me / Personal Qualities?

- An ability to play an instrument, or sing, to grade 5 standard or above.
- A firm understanding of music theory.
- A love of music from different times, places and cultures.

How will I develop over the two years?

Students will develop their ability to listen, with understanding of a range of pieces drawn from different styles, cultures and time periods. Students will gain experience in music performance and will develop their skills on an instrument. In composition, students will look further into the musical theory behind melodic and harmonic conventions.

Potential Career paths

Studying music can lead to career in most aspects of the music industry including performing, composing, teaching, technology, sound engineering or technician.

Entry Requirements

5 A*'s – C at GCSE level. A grade B or above in Music GCSE. Grade 5 practical and theory are desired, but not essential.



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Music Technology Subject Information

Course description

In Music Technology the course will consist of:

- Sequencing: This gives students the opportunity to create musical from a given stimulus using a digital audio workstation.
- Recording/producing: This unit encourages students to develop their recording skills using up to date music technology.
- Creative sequence arrangement: In this unit, students will focus on their ability to take a piece of music and create a new and exciting version in a different genre.

What will I study?

Year 1:

- Sequencing
- Recording
- Producing
- Arranging
- Synthesis
- Exploitation of the sonic palette

Year 2

- Sequencing using a given stimulus
- Advanced recording techniques
- Further production techniques

How will I be assessed?

60% coursework based on a portfolio of evidence including one sequence, one recording and one arrangement.

40% examination based on skills and knowledge of music technology and it's development through time.

What skills will help me / Personal Qualities?

- An ability to play an instrument, or sing, to grade 5 standard or above.
- A firm understanding of music theory.
- A love of music from different times, places and cultures.
- Computer literacy.
- Knowledge of computer music production packages and synthesis

How will I develop over the two years?

Through the two-year course, students will develop the ability to create accurate sequences using current DAW's and computer software, how to effectively mix and produce multi-track recordings and better their knowledge of historical developments that have affected music through the last 150 years. Students will also have a firm understanding of rudimentary composition and the fingerprints of a range of musical styles from popular music.

Potential Career paths

Studying music technology can lead to career in most aspects of the music industry including performing, composing, teaching, technology, sound engineering or technician.

Entry Requirements

5 A*'s – C at GCSE level. A grade B or above in Music GCSE. Grade 5 practical and theory are desired, but not essential.

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PE Subject Information

Course description

Studying A-Level Physical Education will give you a fantastic insight into the amazing world of sports performance. Not only will you have the chance to perform or coach a sport through the non-exam assessment component (30%), you will also develop a wide ranging knowledge into the how and why of Physical activity and sport (70%).

What will I study?

Year 1 and Year 2:

AS and A Level PE includes the compulsory study of: Applied Anatomy and Physiology, Exercise Physiology, Biomechanical Movement, Skill Acquisition, Sports Psychology, Sport and Society and the Role of Technology in Physical Activity and Sport. Alongside this are the skills of PE which are examined via the Non-exam assessment (NEA) component on performance.

How will I be assessed?

Non- Exam Assessment (NEA): One practical performance, as either a coach or a performer in an activity, plus one Performance Analysis task. (30%)

Theory element: A total of four hours assessment split over three examination papers (2x 1 hour and 1x 2 hour) taken at the end of the two year course.

- A wide range of Question types including: single mark, short answer and extended response questions.
- The opportunity to demonstrate your knowledge of both theory and performance skills in both your NEA and through the examinations.

What skills will help me / Personal Qualities?

Active involvement in sport/physical activity in order to be successful in the application of all theoretical knowledge into a sporting context. You also need to be proficient in a sport or as a coach in order to gain an excellent NEA mark. Students will require the ability to work as a team and independently, have exemplary organisation and the desire to develop knowledge across all topic areas.

How will I develop over the two years?

Physical Education is studied through a range of different contexts and the impact it has on both ours and other's everyday lives. You will learn the reasons why we do things, why some people out perform others, mentally and physically. You will also delve into the ethical considerations behind the use of drugs and also the influence that modern technology is having in and on physical activity and sport.

Potential Career paths

A Level PE is an excellent base for a university degree in sports science, sports management, healthcare, or exercise and health. Physical Education can also complement further study in biology, human biology, physics, psychology, nutrition, sociology and many more.

Career opportunities include: sports development, sports coaching, physiotherapy, personal training or becoming one of the next generation of PE teachers. The transferable skills you learn through your study of Physical Education, such as decision making and independent thinking are also useful in any career path you choose to take.

Entry Requirements

Active involvement in sport as a performer or coach and a 6 grade at GCSE PE or an equivalent Science based GCSE course.

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RE Subject Information

Course description

Philosophy of Religion is a critical study of religious and non-religious views on the existence of God and related topics. Religious Ethics is the branch of philosophy concerned with morality and considers "Which actions are right and which are wrong?"

What will I study? Learners will study:

Philosophy of Religion.

- ancient philosophy influences
- arguments about the existence or non-existence of God
- the nature and impact of religious experience
- the challenge for religious belief of the problem of evil
- the nature of the soul, mind and body
- the possibility of life after death

Religion and Ethics

- Learners will study:
- normative ethical theories
- the application of ethical theory or two
- contemporary issues of importance
- ethical language and thought

Developments in Religious Thought

Learners will study:

- religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world
- sources of religious wisdom and authority
- practices which shape and express religious identity, and how these vary within a tradition

Year 1

Philosophy

- ancient philosophy influences
- arguments about the existence or non-existence of God
- the nature and impact of religious experience

Ethics

- normative ethical theories
- the application of ethical theory or two

Developments in Religious Thought

- religious beliefs, values and teachings, their interconnections and how they vary historically and in the contemporary world

Year 2

Philosophy

- the challenge for religious belief of the problem of evil
- the nature of the soul, mind and body
- the possibility of life after death

Ethics

- the application of ethical theory or two
- contemporary issues of importance
- ethical language and thought

Developments in Religious Thought

- sources of religious wisdom and authority
- practices which shape and express religious identity

How will I be assessed?

You will be assessed through final examinations, in-class and home essays as well as MOCK examinations.

What skills will help me/Personal Qualities?

Religious Philosophy and Ethics is for students who are naturally inquisitive and would like to seek answers to ultimate questions such as; Why are we here? What is the meaning of life? Is there a God? Why is there suffering? Should people go to war? Should we allow IVF, genetic engineering and cloning?

Potential career paths: Police force, Law, Education, Social Work, Film/Media, Medicine, Journalism, Writing.

Entry Requirements: At least a Grade 5 in English & at least a 6 in GCSE Religious Studies

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Food Science & Nutrition Subject Information

Course description

Level 3 Food Science and Nutrition is a two year course which allows you to gain a wealth of knowledge about the food and nutrition industry. You will have the opportunity to learn about the relationship between the human body and food as well as practical skills for cooking and preparing



food.

What will I study?

Year One .

Unit 1; this unit allows you to plan and produce complex dishes for a range of scenarios; this will be assessed with a work portfolio and practical examination. This unit also contains a formal examination.

Year Two.

Unit 2 - This unit will allow you to investigate food safety and how to apply food safety in a workplace. This unit will contain NEA.

Unit 3 - This unit is optional during this unit you will explore and investigate a range of food production problems as part of this unit you will complete a food investigation to solve a potential problem within the food industry.

Unit 4 - This is an optional unit. For this unit you will research a current issue in food science and nutrition. This is an independent study module and you would complete a project exploring a current issue for example Is it easier to avoid obesity by following a vegetarian diet or Does provision of a school breakfast club improve concentration levels?

How will I be assessed?

One examination and NEA

What skills will help me / Personal Qualities?

Desirable skills include critical reading, data analysis, evaluation, ability to adapt plans and manage time effectively.

How will I develop over the two years?

Due to the variety of assessment styles used, you will develop your skills around planning and adapting, formal writing, managing projects and leading investigations.

Potential Career paths

If you study this course you could go onto one of these university courses depending on your UCAS point scores.

<i>BSc Food and Nutrition</i> <i>BSc Human Nutrition</i>	<i>BSc (Hons) Public Health Nutrition</i> <i>BSc (Hons) Food Science and Technology</i>
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Employability: These courses will prepare you for the rapidly expanding roles such as:

public health pharmaceuticals medical diagnostics the catering industry sports nutrition	pathology healthcare food production teaching quality assurance	Environmental issues public health nutrition health promotion, Health education, product development
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Entry Requirements: Grade 6 in GCSE Food technology, Grade 6 in Science and English. Students without the entry requirements may still access the course via interview with Curriculum Leader and Head of Sixth Form.

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Sociology Subject Information

Course Information

Sociologists want to understand the behaviour of people in terms of the age, gender, social class and other groups they belong to. They try to find and explain patterns of behaviour common to the people in these groups. Sociology is not just common sense as sociologists must provide evidence to support the claims they make. Students will acquire knowledge and understanding of contemporary social issues and changes. They will learn the research methods and how different sociologists see society in very different ways and be able to apply and evaluate a range of research methods through active involvement. Students are encouraged to develop skills that will enable them to focus on their personal identity, roles and responsibilities within society and develop a lifelong interest in social issues.

What will I study?

In year 12 you will study Education; research methods and theory and methods, and Families and households. In year 13 you go on to further develop your understanding of research methods in the context of crime and deviance whilst studying crime and deviance, you will also study beliefs in society.

How is the course assessed?

commitment and the willingness to work hard. There are three external exams taken at the end of year 13. they are: paper 1 Education with theory and methods; paper 2: topics in sociology (families and households and Beliefs in society); Paper 3: crime and deviance with theory and methods. Each paper is 2 hours long and is one third of the overall A 'level qualification.

Homework is set on regular intervals which use practical activities, research and essay based questions students are also encouraged to be responsible for their own learning. Sociology is an interesting and enjoyable subject, which repays effort and enthusiastic commitment.

Who's it for?

Students who become successful Sociology students have a keen interest in people and how society controls and effects individuals. Students will be able to learn and understand a range of theories and studies that explain different phenomenon's. The knowledge gained must then be expressed effectively in writing using evidence that can be found in theories or studies in Sociology. There needs to be a high level of commitment and the willingness to work hard.

What skills will help me/ personal qualities?

Students are encouraged to make use of the Media, to keep up to date with current affairs and wherever possible make use of the Internet with research. Sociology encourages a questioning approach, the development of an enquiring mind and the ability to think for oneself. Students are also expected to work independently, they are also encouraged to be aware of what is happening in the media

How will I develop over the two years?

As a sociology student you will learn how to create a sociological argument drawing in critical and reflective thinking. Understand the significance of theoretical and conceptual issues. Focus on individuals personal identity, roles and responsibilities within society.

Potential career paths...

Students may progress onto University. Sociology degrees may be combined with other subjects and refined in a number of ways e.g. Social Work Degrees, Development Studies and Urban Development courses, each offering interesting possibilities for study and leading on to higher degrees and research opportunities.

Sociology is flexible as it is useful for most careers which involve working with people. It sits comfortably with any combination of other subjects, and leads onto careers in Social Work, the Probation Service, Welfare Rights, Personnel, the Law, Medicine, Nursing, Teaching, the Police, Media, Journalism, Accountancy, Pharmacy, Optometry and research in higher education.

Entry requirements.

Students will need to have achieved: English Language GCSE grade 5 or higher for A Level; as well as at least 5 other 5-9 grades at GCSE including Maths and Science.

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Biology Subject Information

What makes a successful candidate;

- Hard work
- Excellent organisational skills
- Proactive attitude
- Willingness to do more work than just the minimum requirements
- A desire to succeed

Exam Board – AQA

Exam board Website – www.aqa.org.uk

Year 12 Course overview <ul style="list-style-type: none">• Biological molecules• Cells• Organisms exchange substances with their environment• Genetic information, variation and relationships between organisms• 6 required practical activities	Year 13 Course overview <ul style="list-style-type: none">• Energy transfers in and between organisms• Organisms respond to changes in their internal and external environments• Genetics, populations, evolution and ecosystems• The control of gene expression• 6 required practical activities
Assessment <p>All external exams taken in Year 13. You will be assessed on your progress throughout the course, with at least one assessment per half term.</p> <p>You will also be assessed on your practical skills This assessment will count towards your Practical Endorsement but not your final grade.</p> <p><i>Exam questions on the external examinations will assess your understanding of the skills and procedures from the required practicals.</i></p>	<p>At the end of Year 13 you will sit three external examinations:</p> <p>Paper 1 - topics 1-4, including relevant practical skills. Written exam: 2 hours 35% of A-level</p> <p>Paper 2 - topics 5-8, including relevant practical skills. Written exam: 2 hours 35% of A-level</p> <p>Paper 3 - topics 1-8, including relevant practical skills. Written exam: 2 hours 30% of A-level</p>

Careers

An A-Level in Biology will provide access to a wide range of higher education options and careers. The academic rigour of science A-Levels is highly valued by Universities and Employers, regardless of the degree or job.

Examples of careers:

nursing, dentistry, medicine, radiographer, forensic science, psychology, physiotherapy, botany, environmental science, zoology, geology, oceanography, pharmaceuticals, energy, teaching, science writing, genetics and research, pharmacist, agriculture, ecology and conservation, nutritionist, engineering, police, paramedic and many, many more.

Entry Requirements

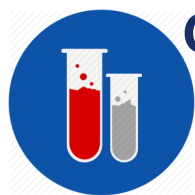
- GCSE Biology grade 6 or above or GCSE Trilogy grade 6 or above
- GCSE Maths grade 5 or above
- 5 GCSE grades 5-9

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Chemistry Subject Information

Course description

The course is divided into physical chemistry, organic chemistry and inorganic chemistry. Chemistry is concerned with the science of matter, particularly its structure, properties and reactions. Chemistry is of central importance to the sciences as a whole as the chemical reactions that it governs are fundamental to all of science.

What will I study?

Year 1 – Physical Chemistry topics are: Atomic Structure, Amount of Substance, Bonding, Energetics, Kinetics, Equilibria and Redox reactions. Organic chemistry topics are: Alkanes, Halogenoalkanes, Alkenes, Alcohols, Organic Analysis. Inorganic topics are: Periodicity, Group 2 and Group 7

Year 2 – Physical Chemistry topics are: Thermodynamics, Rate Equations, Equilibrium Constants, Electrochemical cells and Acids and Bases. Inorganic Chemistry topics are: Period 3, Transition Metals and Reactions of Ions in Aqueous Solutions. Organic chemistry topics are: Isomerism, Aldehydes and Ketones, Carboxylic Acids and Esters, Aromatic Chemistry, Amines, Amino Acids, Polymers and Organic Synthesis and Structure Determination.

How will I be assessed?

The content is all assessed by terminal assessments. You will sit 3 papers at the end of year 13. Paper 1 is physical chemistry and inorganic chemistry topics with practical skills comprising 105 marks. It consists of both short and long answer questions; is a 2 hour exam and is 35% of your A level. Paper 2 consists of physical chemistry, organic chemistry and practical skills and is 35% of your A level. Paper 3 is any content from the two years and is 30% of your A level. This paper has 30 marks of multiple choice questions.

You will also be assessed in practical skills. There are 12 assessed practicals to complete over the 2 year course. These assess skills such as following instructions, planning an experiment using appropriate references, recording results, completing a risk assessment etc.

To prepare for these assessments you will undertake regular assessments throughout the 2 years which build on previous topics covered.

What skills will help me / Personal Qualities?

- An interest in science
- To be well organised and hard working
- Have excellent mathematical skills
- Good problem solving skills

How will I develop over the two years?

Chemistry helps you to develop **research**, **problem solving** and **analytical** skills. It helps to you challenge ideas and show how you worked things out through **logic** and **step-by-step reasoning**. Chemistry often requires **teamwork** and **communication** skills too.

Potential Career paths

Medicine, Dentist, Pharmacist, Vet, Accountant

Entry Requirements

At least a grade 6 in Chemistry or Trilogy science and at least a grade 6 in maths.
5 GCSE grades 5-9



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Law Subject Information

Course description

By studying the Law A Level course you will learn how the law is created and administered. The study of law - fundamental to the smooth running of society - is a challenging but rewarding field. The law is highly complex and far-reaching, governing our behaviour and the ways we interact with institutions and each other in ways we may not even be aware of. Studying law is a way to learn how to analyse situations and apply legal rules and principles to make sense of the world. The **A Level Law** is a stepping stone for careers in law and in many other fields which require a knowledge of the law.

What will I study?

Year 1

At AS, candidates develop a knowledge and understanding of the legal system and an ability to evaluate its operation and performance. The specification introduces substantive law and requires simple application of aspects of criminal law and civil law (either tort or contract):

- Unit 1: Law Making and the Legal System
- Unit 2: The Concept of Liability.

In Year 2

At A2, the specification further develops knowledge of the legal system and of substantive law through criminal law and/or civil law. Evaluation of the concepts of law continues to be developed at this level of study.

- Unit 3: Criminal Law (Offences against the Person) or Contract Law
- Unit 4: Criminal Law (Offences against Property) or Tort, AND Concepts of Law.

Who will be teaching me?

With over 12 years experience of teaching Law at A Level standard, complemented with work in the industry working as a solicitor practising in criminal law which supports the required content of the A Level course. Staff experience of A Level law, Degree Level and the requirements of the Industry are able to support student on the A Level course and also those who wish to pursue a career in law.

How will I be assessed?

Unit 1: Law Making and the Legal System - External examination (Written paper 1.5 hours)

Unit 2: Concept of liability - External examination [Written paper 1.5 hours]

Unit 3: Criminal Law [Offences Against the Person] - External examination (Written paper 1.5 hours)

Unit 4: Tort and Concepts of Law - External examination (Written paper 2 hours).

Career paths

Having completed the A level in Law a number of career paths are open to students. There are a number of options. Many students pursue their interest in law to degree level and beyond, with past students becoming solicitors or barristers. Other students opt for degree courses other than law. In many cases students gain employment in a number of fields with Law being one of their qualifications.

Personal qualities

Students need to manage their time effectively and need to take on a degree of responsibility for their learning.

Entry requirements: 5 GCSEs at grades 5-9 including 6 in English Language.

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Psychology Subject Information

"An inspirational subject that will change the way you think about things forever."

Psychology is the science of mind and behaviour. We are all amateur psychologists, every time we try and work out why someone acted the way they did or try to predict how someone might behave or react. Psychology tries to find answers to some of these questions by investigating them in a more scientific manner.

What skills will help me/ personal qualities

Students who wish to do psychology should be able to learn and memorise specialist key terms, analyse and evaluate scenarios as well as apply the knowledge gained. You will need to have a competent grasp of mathematical concepts and calculations and be able to understand, analyse data. You will also need to enjoy learning about the biology of the human brain and nervous system.

Course Description:

The course specification taught is AQA www.aqa.org.uk It is a two year linear course with terminal examination.

	What will I study?	How will I be assessed?
Component 1	Social Influence	Assessment 2 hour terminal examination
	Memory	
	Attachment	
	Psychopathology	
Component 2	Approaches in Psychology	Assessment 2 hour terminal examination
	Biopsychology	
	Research Methods	
Component 3	Issues and Debates in Psychology	Assessment 2 hour terminal examination
	Option 1: - Relationships	
	Option 2: Eating Behaviours or Schizophrenia -	
	Option 3: - Aggression	

Key: **Red = Year 12 topics** **Green = both years** **Blue = Year 13 topics**

Potential career paths

Specific careers in Industrial, Clinical, Educational or Forensic Psychology, counselling and therapy. Useful for teaching, health service related occupations, law (including police) and social work

How will I develop over the two years ?

The first year will help you to develop your understanding of psychology as a science: the use of scientific research methods to develop theories to explain human behaviour. You will learn how to evaluate evidence and draw conclusions from a detailed knowledge of research. You will build on the skills and knowledge learned in Year 1 to understand both topics and issues and debates in psychology in more depth in Year 2.

Entry requirements

6 or more GCSE grades 5 and above to include: GCSE 6 grade or higher in English Language, Maths GCSE 5 grade or higher; higher paper only), Science GCSE (6 grade or higher - Biology component)

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Physics Subject Information

Course Description

The two-year Physics A Level course covers a range of topics from across the wide spectrum of Physics. Mechanics makes up a large portion of the course but other areas such as the nature of light, electricity and space are covered in some depth. Physics gives us explanations for how everything in the Universe works, from Galaxies to the nuclei of atoms. This makes it fundamental to all Science.

What will I study?

Year 1 – Mechanics: Motion, energy and forces; Light: The wave and particle natures of light and the experiments that support each theory; Materials: The behaviour of fluids and solids; Electrical Circuits: this extends on the circuits work done in GCSE; Working as a Physicist: experimental good practise and data handling.

Year 2 – Mechanics: Circular motion and momentum; Fields: Electric, Gravitational and Magnetic Fields; Space: The contents of the Universe and how they can be observed and measured; Nuclear and Particle Physics: Interactions between sub-atomic particles; Thermodynamics: The behaviour of materials during energy changes

How will I be assessed?

There will be three exams at the end of Year 13. The first two will assess some Year 12 topics and some Year 13 and will last 1 hour 45 minutes. Each of these papers will contribute 30% to the final grade. The third paper is a 2 hour 30 minute exam with half of the questions on all topics covered in the two years. The other 50% of the paper will be assessing students on their understanding of the experiments carried out over the two years and the techniques used to analyse the results.

Due to the terminal nature of the exams, the content covered during the course will be regularly assessed, with a focus on the most recent topics taught, but also including questions from previous topics to encourage recall over time. This will require students to use revision strategies and independent reading to maintain knowledge of previous work.

There is a practical requirement to the course which includes 12 core experiments on the fundamentals of Physics. These will not be formally assessed, but will be the basis for building a scientific skillset. The skills needed for these practicals will be built on from one to the next and must be able to be recalled for the final exams.

What skills will help me / Personal qualities?

- A methodical approach to problems
- Organisation
- Excellent mathematical skills
- Resilience

How will I develop over the two years?

Physics helps to develop problem solving skills, enabling students to link different concepts together to find a solution in new situations. A big part of Physics is modelling the wider world in a mathematical way which requires logic, analysis and the ability to communicate ideas.

Potential Career Paths

Engineer, Medicine, Theoretical Physicist, Surveyor

Entry Requirements

At least a grade 6 in Physics or Trilogy Science. At least a grade 6 in Maths. 5 GCSE grades 5-9

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Mathematics Subject Information

Course description

Mathematics A level H240 (AS level H230)

The course provides a broad and widely applicable base of mathematical knowledge, including rigorous treatment of calculus and proof alongside statistics and mechanics, preparing learners for a wide range of destinations in Higher Education and employment. Mathematics A builds on the existing popular course offered by OCR that All Saints' currently follows.

What will I study?

Year 1: AS Pure Mathematics including : Algebra , Trigonometry, Logs and e^x , Differentiation, Integration, Vectors

Year 1 : AS Statistics including : Statistical sampling, Single variable and bivariate data, Measures of average and spread, Outliers and cleaning data, Probability, Hypothesis testing

Year 1 : AS Mechanics including : SI units, Language of kinematics, Graphical representation, Weight Constant and non uniform acceleration in one direction, Newton's first, second and third laws

Year 2: Pure Mathematics including: Functions, Partial fractions, Parametric equations of curves, Trigonometry, Binomial expansion, sequences, sigma notation, Arithmetic and geometric progressions and their use when modelling, Arc and sector length and small angle approximations, Differentiation, Integration, Numerical methods, Vectors in 3 dimensions

Year 2 : Statistics including: Normal distribution and selecting a suitable distribution, Conditional probability

Year 2 : Mechanics including: Constant and non uniform acceleration in two directions, Gravity and develop Newton's second and third laws to involve the resolving of forces, Application of vectors in a plane, Frictional forces

How will I be assessed?

OCR's A Level in Mathematics A consists of **three** components that are externally assessed.

Component 01: Pure Mathematics: 100marks
Component 02: Pure Mathematics and statistics : 50 marks per topic
Component 03: Pure Mathematics and Mechanics : 50 marks per topic

Each component is worth 1/3 of the A level and is assessed via a 2 hour written paper worth 100 marks. All three components (01-03) contain some synoptic assessment, some extended response questions and some stretch and challenge questions. Stretch and challenge questions are designed to allow the most able learners the opportunity to demonstrate the full extent of their knowledge and skills.

What skills will help me / Personal Qualities?

This course is designed to build on a firm foundation from the study of GCSE Mathematics (1-9). Students must be Mathematically rigorous and able to tackle complex problems. Students need to be resilient in bringing their fluency with the content of the course to bear on given problems.

How will I develop over the two years?

This is a coherent course of study that supports the development of mathematically informed individuals. It encourages learners to think and act mathematically, using mathematical skills and forms of communication to analyse situations within mathematics and elsewhere. You will be developing both Mathematical rigour and problem solving skills to apply in context. .

Potential Career paths

Many and varied , careers working in environmental science, health and society, business and money, entertainment , science and engineering, sport , education and research. Follow this link to find out more about Maths Careers <http://www.mathscareers.org.uk/>

Entry Requirements: grade 6 in maths plus 5 GCSE grades 5-9

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Fashion and Textiles Subject Information

Course Information

In taking this subject you will have the opportunity to study and work with a variety of textile materials that enable you to understand the working characteristics, physical properties, cost and availability which influence the choice of materials in real and contemporary design situations. Knowledge will be gained of a wide range of components used in the making of textile products, as well as acquiring a broad knowledge of industrial manufacturing systems used in the manufacture of textile materials and products for industrial applications

What Will I Study

Year 1

Unit 1: Candidates will study, apply and use the knowledge and understanding of three distinct technological areas when completing this taught theory unit at AS. This unit is divided into three sections: Section A: Materials and Components, Section B: Design and Market Influences, Section C: Processes and Manufacture.

Unit 2: This is a design-and-make unit where knowledge of the AS subject content is applied to the design and making of your own projects.

Year 2

Unit 3: Candidates will build upon their understanding of AS and further apply and use the knowledge and understanding of the three distinct technological areas when completing this taught theory unit at A2. Again, this unit is divided into three sections as in Year 1.

Unit 4: This is a design-and-make unit where knowledge of the AS and A2 subject content is applied to the design and manufacture of students' own projects.

Who will be teaching me?

Taught by an A level specialist and experienced member of staff who offers excellent advice and support for students on the course with up to date and relevant information; approachable and friendly staff are available to support students at any time. Prior to taking up a post in the teaching profession the member of staff was a fashion designer with a multi-national company.

How will I be assessed?

TEXT 1 Materials, Components and Application. 2 hour written paper worth 80 marks.

Unit 2: TEXT 2 Learning Through Designing and Making

Coursework. Approximately 50 hours worth 80 marks.

Unit 3: TEXT 3 Design and Manufacture. 2 hour written paper worth 84 marks.

Unit 4: TEXT 4 Design and Making Practice Coursework. Approximately 60 hours worth 85 marks.

Career Paths

Fashion Designer, Textiles Technologist, Industrial Designer, Manufacturing Technologies, Fashion Buyer, Fashion Stylist, Public, Relations, Merchandiser.

Personal Qualities

Enthusiasm, an independent learner as well as a team player and a determination to succeed even when things get tough.

Entry Requirements

Minimum Grade 5 in a Technology subject or interview with Curriculum Leader.



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3D Product Design Subject Information

Course Information

In this course, students will develop an understanding of the physical and mechanical properties of a broad range of materials and components. Students will understand why these are used in specific applications with particular emphasis on the life-cycle of products including manufacture, use and disposal. Coursework projects provide an opportunity for students to learn about the use of computer aided design (CAD) and computer aided manufacture (CAM), and the use of quality control measures. As the course develops, knowledge and understanding will be developed through coursework and a further study of how materials and components play a major part in the evolution, selection and application of materials for the manufacture of modern products.

What will I study?

Year 1

Unit 1: Candidates will study, apply and use the knowledge and understanding of three distinct technological areas when completing this taught theory unit at AS. This unit is divided into three sections: Section A: Materials and Components, Section B: Design and Market Influences, Section C: Processes and Manufacture.

Unit 2: This is a design-and-make unit where knowledge of the AS subject content is applied to the design and making of your own projects.

Year 2

Unit 3: Candidates will build upon their understanding of AS and further apply and use the knowledge and understanding of the three distinct technological areas when completing this taught theory unit at A2. Again, this unit is divided into three sections as in Year 1.

Unit 4: This is a design-and-make unit where knowledge of the AS and A2 subject content is applied to the design and manufacture of students' own projects.

Who will be teaching me?

which prides itself on the outstanding support which it offers its students. All students are provided with an individual plan to provide additional support with the practical element of the course. The department establishes supportive and productive relationships with its students. Staff have experience of teaching the course and knowledge of the examiners' requirements.

How will I be assessed?

Unit 1: PROD 1 Materials, Components and Application. 2 hour written paper worth 80 marks.

Unit 2: PROD 2 Learning Through Designing and Making Coursework. Approximately 50 hours worth 80 marks.

Unit 3: PROD 3 Design and Manufacture. 2 hour written paper worth 84 marks.

Unit 4: PROD 4 Design and Making Practice Coursework. Approximately 60 hours worth 85 marks.

Career Paths

Civil Engineering, Design Engineering, Architect, Mechanical, Engineering, Product and Industrial Design.

Personal Qualities

Enthusiasm, an independent learner as well as a team player and a determination to succeed even when things get tough.

Entry Requirements

Minimum Grade 5 in a Technology subject or interview with curriculum leader.

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