

English Language and Literature

Qualification

Two GCSEs grades 1 to 9

What do students learn about in English?

For English Language Edexcel English Language: (1EN0)

Component 1: Fiction and Imaginative Writing

- Study selections from a range of prose fiction.
- Develop skills to analyse and evaluate 19th-century fiction extracts.
- Develop imaginative writing skills to engage the reader.
- Use spelling, punctuation and grammar accurately.

Component 2: Non-Fiction and Transactional Writing

- Study a range of 20th- and 21st-century non-fiction texts (including literary non-fiction).
- Develop skills to analyse, evaluate and compare non-fiction extracts.
- Develop transactional writing skills for a variety of forms, purposes and audiences.
- Use spelling, punctuation and grammar accurately.

For English Literature Edexcel English Literature: (1ET0)

- Texts studied include: 'The Woman in Black' by S. Hill OR 'Animal Farm' by G. Orwell OR 'An Inspector Calls' by JB Priestley; 'Romeo and Juliet' by W. Shakespeare and 'Jekyll and Hyde' by R. L. Stevenson.
- Students will also study a range of poetry.
- Analysis of social and historical setting and background influences.
- Examination of how authors represent characters, themes and ideas.

How is this qualification assessed?

100 % exam: 2 English Language and 2 Literature Papers

1 Speaking and Listening Task (*This does not count towards their GCSE*)

What pathways are linked to studying English?

Post 16 Courses

All students will be required to gain a higher grade in GCSE English (at least a grade 5 or above). Those students that do not achieve this will have to re-sit the qualification post 16. You must have at least a grade 7 or above in GCSE English to apply for any of these courses: English literature, history, law, creative writing.

Future Careers

Studying English can lead to a variety of interesting and successful careers in the communications area including: teaching, journalism, TV and radio, publishing and working in the media.

Course Leader Contact:

Mrs L Stow (Curriculum Leader for English) – Istow@sancroft.stbenets.org

Mathematics

Qualification

AQA - Single GCSE grades 1 to 9 (8300)

What do students learn about in Mathematics?

- Number
- Algebra
- Ratio and proportion
- Statistics
- Geometry
- Problem solving

How is this qualification assessed?

100% exam

There are 3 exam papers, the first is non-calculator. All papers are mixed topics. Students can sit either Higher (grades 9-4) or Foundation (grades 5-1) papers.

What pathways are linked to studying Mathematics?

Post-16 Courses

All students will be required to gain a higher grade in GCSE Mathematics (at least a grade 5 or above). Those students that do not achieve this will have to re-sit the qualification post 16. You will need to have at least a grade 6 or above in GCSE Mathematics to apply for A levels in Maths, Further Maths, Biology, Physics, Chemistry, and Computer Science.

Future Careers

Mathematics will be used in most jobs but it is particularly important in careers in science, engineering, mechanics, construction, finance, banking, insurance, business and design.

Course Contact:

Mr Sam Bunn - Curriculum Leader – sbunn@sancroft.stbenets.org

Mr Peter Jarvis - Subject Teacher - pjarvis@sancroft.stbenets.org

Mr Doug Squires - Subject Teacher - dsquires@sancroft.stbenets.org

Miss Ellie Barnes - Subject Teacher - ebarnes@sancroft.stbenets.org

Science

Qualification

AQA GCSE grades 1 to 9

What do students learn about in Sciences?

Just think what your life would be like without advances in science. Over the last 100 years the achievements of science have benefited the human race in so many ways, in transport (cars, planes) , in medicine (anaesthetics, organ transplants, new drugs), in electronics (computers, mobile phones) to name but a few. You need to be able to make informed decisions about how science benefits your life. Knowing some facts yourself will enable you to look critically at how science is presented in the media.

Science develops skills and knowledge in the following areas:

Biology: Cell biology, organisation, infection and response, bioenergetics, homeostasis and response, inheritance, variation and evolution, ecology.

Chemistry: Atomic structure, periodic table, bonding, quantitative chemistry, chemical changes, organic chemistry, useful resources and chemistry of the atmosphere.

Physics: Forces, waves, electricity, magnetism and electromagnetism, particle model of matter, atomic structure and space physics.

Along with the above content there are required practicals that need to be completed for each of the sciences.

How is this qualification assessed?

All of the courses are linear exams; assessed 100% on exams for the overall grade. There are 2 exams for each biology, chemistry and physics course and each paper is 1 hour 45 minutes in length*. The exams also consist of core practical's that take place in lessons. These will cover biology, chemistry and physics. The core practical element is then assessed in the exams and subject content.

What pathways are linked to studying Science?

Post-16 Courses

Due to the very competitive nature of the subject at post-16 education level it is essential to have at least a grade 7 (preferably above) as part of triple science or combined science and in mathematics. There are a variety of academic and vocational pathways in biology, chemistry, physics, psychology, engineering, computer science.

Future Careers

Science will be used in a variety of jobs but is necessary in careers such as astronomy, construction, engineering, health and medicine, veterinary science.

Course Leader Contact:

Mrs Jasmine Costello - Curriculum Leader for Science –
jcostello@sancroft.stbenets.org

Religious Studies

Qualification

Single GCSE grades 1 to 9

WJEC Eduqas Religious Studies Route A: Christianity & Islam

What do students learn about in Religious Studies?

There are two components to the GCSE course.

Component 1 (taught in Year 11):

Study of two major world religions. Students will study the beliefs and practices of Christianity and Islam and sit two exams, one on each religion.

Component 2 (taught in Year 10):

Religion, philosophy and ethics in the modern world. Students will study these issues from the perspectives of Christianity, Islam and Atheism. They sit a two hour exam.

Theme 1: Issues of Relationships: families: sex, marriage, cohabitation, divorce, same sex marriage, gender equality.

Theme 2: Issues of Life and Death: abortion, euthanasia, animal rights, beliefs about the origin of the universe, beliefs about life after death.

Theme 3: Issues of Good and Evil: punishment and the death penalty, forgiveness, beliefs about suffering.

Theme 4: Issues of Human Rights: human rights, extremism, racism, poverty and wealth.

How is this qualification assessed?

100% exam

What pathways are linked to studying Religious Studies?

Post-16 Courses

Religious Studies provides progression through to a number of A Level subjects, however you must have at least a grade 5 or above in GCSE English to apply.

Relevant courses include: religious studies, philosophy, psychology, sociology, law and history.

Future Careers

Advertising, advice worker, charity officer, civil service, counselling, diplomatic services, human resources, journalism, law, media, publishing, travel, teaching, public services, caring professions, social work, community work, politics.

Course Leader Contact:

Mrs Louise Dolan - Subject Teacher - Idolan@sancroft.stbenets.org

French:

Qualification

Edexcel - Single GCSE grades 1 to 9

What do students learn about in French?

The course covers distinct themes. These themes apply to all four question papers. Students are expected to understand and provide information and opinions about these themes, relating them to their own experiences and those of other people, including people in countries and communities where the target language is spoken.

Theme: Identity and culture • Who am I?: relationships; when I was younger; what my friends and family are like; what makes a good friend; interests; socialising with friends and family; role models • Daily life: customs and everyday life; food and drink; shopping; social media and technology (use of, advantages and disadvantages) • Cultural life: celebrations and festivals; reading; music; sport; film and television

Theme: Local area, holiday and travel • Holidays: preferences; experiences; destinations • Travel and tourist transactions: travel and accommodation; asking for help and dealing with problems; directions; eating out; shopping • Town, region and country: weather; places to see; things to do

Theme: School • What school is like: school types; school day; subjects; rules and pressures; celebrating success • School activities: trips/events/exchanges

Theme: Future aspirations, study and work • Using languages beyond the classroom: forming relationships; travel; employment • Ambitions: further study; volunteering; training • Work: jobs; careers and professions

Theme: International and global dimension • Bringing the world together: sports events; music events; campaigns and good causes • Environmental issues: being 'green'; access to natural resources

How is this qualification assessed?

GCSE Language has a foundation tier (grades 1–5) and a higher tier (grades 4–9). Students must take all four question papers at the same tier. All question papers must be taken in same examination period. Each of the 4 skills (reading, writing, speaking and listening) are equally weighted for the awarding of the final grade.

Post 16 Courses

A level French (students are required to have studied French at GCSE level and estimated to have achieved at least a grade 7 or better).

Future Careers

International business and companies, jobs involving tourism and travel, teaching a foreign language, working in France or a French-speaking company.

Course Leader Contact:

- Mrs Rourke Beasley - Subject Teacher
crouke-beasley@sancroft.stbenets.org
- Mrs Deville - Subject Teacher ldeville@sancroft.stbenets.org

- Mr Richard Page - Subject Teacher – rpage@sancroft.stbenets.org

History

Qualification

Edexcel - Single GCSE grades 1 to 9 (F7)

Why choose History?

If you have a passion and enjoyment for history then this subject will suit you. If you are someone who enjoys the challenge of investigating, asking questions, exploring opinions and understanding how the past has shaped the world you live in then this subject will suit you. History develops your ability to reason, to weigh up evidence and to argue a point so you can reach a balanced judgement. The skills developed in History will be very useful both in your future life and further study. History is one of those subjects that can provide you with a range of skills, essential to your success at school and beyond.

What do students learn about in History?

Over the course of your 2 years students study 4 varied and interesting topics that will be examined across 3 exam papers;

Year 10: Paper 1 Medicine 1250 to the present day and historic environment. This is a study of the history of medicine from the middle ages to the present. The students also complete a case study of medicine in World War One. This paper is worth 30% of the students final grade.

Paper 2 period study American West 1863-1895

Year 11: Students study the second half of Paper 2 which is a study of **Henry VIII and his ministers 1509-1540**. This covers the compulsory British element students have to complete as part of their GCSE. Paper 2 is worth 40% of the students final grade as it covers 2 topics

Paper 3: Students complete a **modern depth study of Weimar and Nazi Germany 1918-1939** worth 30% of their final grade

How is this qualification assessed?

The students will sit 3 examinations at the end of year 11. These examinations will last 1 hour 15 minutes each. Paper 1 and 3 count for 30% of final grade. Paper 2, the British depth study and American West counts for 40% of final grade.

What pathways are linked to studying History?

Post-16 Courses

You can go onto study History at sixth form. You can use a History GCSE to open up many opportunities. With the skills that you develop from a History GCSE it is looked upon favourably by colleges, sixth forms and potential employers. A good GCSE in History demonstrates many qualities that can help you open opportunities for further study

Future Careers

If you have a real passion for History you could go onto become an Archaeologist, History teacher, Researcher and many more careers. Gaining a GCSE in History doesn't just limit you to a career in History. Ali G, Gordon Brown, the chemical brothers and Steven Spielberg are just some of the people who have begun their careers with a GCSE in History!

Course Leader Contact:

Mr Gavin Jolly - Director of Faculties – gjolly@sancroft.stbenets.org

Geography

Qualification

AQA - Single GCSE grades 1 to 9 (8035)

What do students learn about in Geography?

If you currently enjoy geography and have a keen interest in real issues that affect us all then this subject is for you. Issues linked to people and their societies and the environment. Geography will also give you a range of transferable skills. Geography is an academic subject so you will need to be good at writing and examinations.

Content of the GCSE:

There are a range of topics which form the content of the Geography GCSE:

Unit 1: The challenge of natural hazards, physical landscape in the UK, The Living World.

Unit 2: Urban issues and challenges, the changing economic world, the challenge of resource management.

Unit 3: Issue evaluation, fieldwork and geographical skills (including two contrasting field trips).

How is this qualification assessed?

There will be three externally assessed, written examinations.

Paper 1 – Living with the physical environment: 1 hour 30 minutes, 35% of the GCSE.

Paper 2 – Challenges in the human environment: 1 hour 30 minutes, 35% of the GCSE.

Paper 3 – Geographical applications: 1 hour, 30% of the GCSE.

What pathways are linked to studying Geography?

Post-16 Courses

Geography students are among those gaining greatest satisfaction from their studies, and geography graduates have a relatively low level of unemployment. It's no wonder there is a growing demand to study the subject at university. This is underlined by the Russell Group of Universities that recognise geography as one of the key "facilitating" subjects for entry to degree level study.

Future Careers

Geography is a subject that helps young people into work. Many employers prize the knowledge and skills that studying geography can provide. Geography can lead to a range of careers as it provides a variety of applicable skills that prove attractive to employers. For example data analysis, information processing, report writing,

fieldwork, teamwork and critical thinking. Jobs such as a surveyor, environmental consultant, planning officer, teacher, town planner, travel agent, journalist, cartographer (mapping), tourism officer, landscape architect, logistics and distribution manager.

Course Leader Contact:

Mr John Gibbins – Subject Teacher – jgibbins@sancroft.stbenets.org

Computer Science

Qualification

OCR - Single GCSE. Graded 9 to 1 (OCR J277)

Computer Science is a very practical subject – students will be able to use the knowledge and skills they learn in the classroom on real-world problems. Computer science is also a highly creative subject that calls on learners to be inventive. This modern course was developed by talking to companies like Microsoft, Google and Cisco; organisations like British Computer Society - Computing At School (CAS) in addition to teachers and academics.

What do students learn about in Computer Science?

Full details and course available on <https://gcsecompsci.sancroft.stbenets.org> (sancroft login required)

Studying computer science gives you a real in-depth understanding of how computer technology works. You will enjoy this course if you like to:

- learn about the fundamentals of computer systems, security of systems, including protection from hackers, computer hardware, software, networking, the representation of data in computer systems.
- have an opportunity to investigate how computers work and how they are used
- want to develop computer programming and problem-solving skills
- want to have an opportunity do some in-depth research and practical work
- to work independently using professional programming software and technologies required of the course.

How is this qualification assessed?

100% exam. The breakdown is as follows:

- Unit 1 – Computer systems (50%). Topics covered include: system architecture, network topologies, system security and legal issues.
- Unit 2 – Computational thinking, algorithms and programming (50%). Topics covered include: algorithms, programming techniques and data representation
- During teaching the course, it is a requirement to teach Unit 2 in particular with practical programming exercises.

What pathways are linked to studying Computer Science?

Post 16 courses

There are a plethora of courses out there, including Level 3 Computer Games Development and Animation courses along with A-level Computer Science. There are further vocational courses related to computer programming, engineering and hardware maintenance and support. Computer science is also applicable to studies in different fields, e.g. the UEA have a Computational Biology unit that is an entire floor of their Biological Science block.

Future Careers

Computer science is applicable to any industry. In particular, you might wish to become a computer hardware engineer, computer information system manager, computer network architect, computer programmer, computer systems analyst, database administrator, games developer, information security analyst, project manager, software developer, teacher, web developer. However, look at the job opportunities. Many technology starting salaries are at £55,000 and many companies will pay for your future education and invest in you. After energy, tech is where the money is!

Course Leader Contact: Mr James Cracknell - Subject Teacher
jcracknell@sancroft.stbenets.org

German:

Qualification

Edexcel - Single GCSE grades 1 to 9

What do students learn about in German?

"If you talk to a man in a language he understands, that goes to his head.

If you talk to him in his own language, that goes to his heart" ... Nelson Mandela.

At sancroft students study a range of different topics in German alongside grammar in the four skills areas of listening, speaking, reading and writing. Furthermore, within this study of German we aim to underpin the sancroft core values and allow our students to understand and respect the language and culture of one of our fellow European countries.

GCSE German students will study an engaging and inspirational course that will enable all students to manipulate and use the target language effectively, independently and creatively. The GCSE includes popular topics that include both familiar and new themes that will motivate our students at GCSE. These themes are:

- Identity and culture
- Local area, holiday and travel
- School
- Future aspirations, study and work
- International and global dimension.

How is this qualification assessed?

GCSE Language has a foundation tier (grades 1–5) and a higher tier (grades 4–9). Students must take all four question papers at the same tier. All question papers must be taken in the same examination period. Each of the 4 skills (reading, writing, speaking and listening) are equally weighted for the awarding of the final grade.

Post 16 Courses

A level German (students are required to have studied German at GCSE level and estimated to have achieved at least a grade 7 or better).

Future Careers

International business and companies, jobs involving tourism and travel, teaching a foreign language, working in Germany or a German-speaking company.

Course Leader Contact:

Mrs Charlotte Rourke Beasley - Subject Teacher -

crouke-beasley@sancroft.stbenets.org

Art & Design

Qualification

Edexcel - Single GCSE grades 1 to 9 (1AD0)

Are you creative, enquiring, imaginative and hard working? If so Art and Design is for you! This is a demanding but exciting course that covers a wide range of experiences, techniques and ideas. You need to have an interest in, or an appreciation of, all kinds of art, design and the visual world. You need to have a keen eye for detail and be able to think and work independently and have a desire to take your ideas as far as you can.

What do students learn about in Art & Design?

You will learn a variety of different techniques covering all aspects of drawing, painting, printing and mixed media. For example in Art and Design, mod-roc, clay, block and mono-printing could all be used in your work.

You will work on two units throughout the course. In Year 10 you will begin by experimenting with techniques and then develop your expertise and knowledge through a series of structured tasks related to each unit. Into Year 11 you will increasingly be able to work more independently using knowledge and skills gained in Year 10.

How is this qualification assessed?

Unit 1 is worth 60% of your final mark and you begin working on this on day one of Year 10. In Year 11 you have an externally set assignment which is worth 40% of your final mark. You have eight weeks to prepare for this and ten hours to complete it under exam conditions. All of this is assessed first by your teachers and then by an external moderator.

What pathways are linked to studying Art & Design?

Post-16 Courses

Local sixth form centres offer a range of exciting courses which our GCSE course sets a solid foundation for. AS/A2 level fine art, photography, graphic design, ceramics, media and film and textiles are some of the courses which would be exciting pathways post-16.

Jobs and Careers

Illustrator, Cartoonist, Printmaker, Layout designer, Medical illustrator, Comic Book Artist, Storyboard Artist, Commercial Artist, Sketch Artist, Court Artist, caricaturist, Painter, Architect, Set designer, Urban Planner, Landscape Architect, Interior designer, Silversmith, Metalsmith, Ceramist, Sculptor, make-up artist, Automotive designer, Fashion designer, jewellery designer, animator, web designer, graphic designer, software developer, package and brand designer, interactive media designer, post production artist, video game designer.

Course Leader Contact:

Mx Henshall- Subject Teacher – lhenshall@sancroft.stbenets.org

Drama

Qualification

AQA GCSE Drama 8261

Single GCSE grades 1 to 9

If you have enjoyed collaborating creatively in Drama at KS3, if you enjoy acting and making drama, if you are interested in exploring life, if you want to focus on your personal development and self-confidence, if you want to go further with your acting, artistic, team-work or communication skills - if you are considering a career in the creative arts, media or education - then Drama is the course for you.

What do students learn about in Drama?

You will develop your understanding of how drama communicates. You will become a highly skilled maker of drama and a self-confident and skilled actor. You will learn how to devise and how to perform and direct from script, realising a playwright's intentions. You will develop your creative, analytical and evaluative skills. You will learn about theatre and reviewing theatre. You will refine your skills in writing about drama and theatre.

How is this qualification assessed?

You will be assessed on a devised performance, a devising log, a performance of two extracts from a script and a written exam.

What pathways are linked to studying Drama?

Post-16 Courses

This course will help you to prepare for any post-16 study (self-confidence, communication skills, teamwork, analytical and evaluative skills, creativity). It is directly relevant for A Level Drama and Theatre Studies, Acting, Performing and Production Arts Diplomas. These options could lead to Drama at University or Drama School.

Future Careers

Acting, directing, designing, theatre management, media, teaching, business, public service etc.

Course Leader Contact:

Mrs Nicola Lucas-Best - Subject Teacher – nlucas-best@sancroft.stbenets.org

Music

Qualification

RSL - Music Practitioner Level 2

You will enjoy this course if you want to study a subject that:

- involves performing
- involves listening to all kinds of music
- involves creatively composing or arranging music
- gives you the opportunity to create and play music with others, for example in a rock group, jazz band, orchestra, or vocal group
- gives you the opportunity to use music technology

What do students learn about in Music?

Performing: as a soloist and as part of an ensemble. A wide range of performance skills are acceptable from traditional instruments and singing through to guitar and drums.

Composing: this might be to a particular brief or in a particular style but will enable the student to explore their creativity and musical style.

Listening: the ability to critically appreciate and respond to music as well as analyse its structure and recognise musical devices.

How is this qualification assessed?

The qualifications are 40% externally assessed and 60% internally assessed. The externally assessed core unit takes the form of a timed assessment under controlled conditions based on an assignment set and marked by RSL. The remaining units are optional units and are internally assessed.

There are four bands of assessment (pass, merit, distinction and unclassified) for each unit.

What pathways are linked to studying Music?

Post-16 Courses

Those who choose to progress to a RSL Level 3 qualification Post-16 will develop the skills to progress straight into the music industry as a performing /recording artist, music producer, composer, music entrepreneur or industry professional.

Alternatively, learners can progress to higher education courses such as degrees in popular music, music technology, music composition and music business

Future Careers

The entertainment industry is the fastest growing sector in the UK, worth over £71bn a year and makes up 5.6% of the workforce. With an awareness of musical genres and styles; performing, listening and composing skills; and music technology proficiency, students will be well equipped to pursue a musical profession. Music also offers a wealth of transferable skills relevant to ongoing musical and non-musical study as well as to future career development, including literacy, critical

thinking, social skills and team working, leadership and communication, and time management and organisational skills.

Course Leader Contact: jahrenfelt@sancroft.stbenets.org

Physical Education – Health and Fitness

Qualification

V CERT in Health and Fitness (equivalent to a single GCSE). Graded Pass to Distinction.

What do students learn about in PE?

The courses will be divided into theory lessons, which will be classroom based, and practical sessions. It is important to note that two out of three of the lessons will be spent in a classroom, and one will be spent participating in a range of team and individual sports and fitness based sessions. This is due to the fact that the assessment is more heavily weighted towards the theory component. The class is also likely to be mixed gender.

During theory lessons, students will study the different body systems - skeletal, muscular, cardiovascular, and respiratory. They will also learn training methods and principles, diet, nutrition and performance enhancing drugs. During practical lessons, students will develop and practice skills, tactics and strategies in a range of team and individual sports, and learn how to apply these to competitive situations.

How is this qualification assessed?

Health and Fitness Course - The assessment for the Level 2 Certificate in Health and Fitness consists of 2 types:

Internal assessment – portfolio of evidence. This will be graded by school staff and externally moderated. This makes up 60% of the assessment.

External assessment – external assessment paper. This will be graded by external examiners. This makes up 40% of the assessment. This will take place in the March of year 10.

Learners must be successful in **both** types of assessment to achieve the qualification.

What pathways are linked to studying PE?

Post-16 Courses

Studying PE or Health and Fitness is desirable but not essential to study the following courses: BTEC, NVQ Diplomas in sport, sport and exercise sciences, public services, sport development, business, personal training and sports massage, outdoor leisure, coaching and fitness and A-Level PE.

Future Careers

Teaching, physiotherapy, sports psychology, diet and nutrition, personal training, health promotion, sport and exercise research and lecturing, sports development officer, performance analyst, exercise physiology, leisure centre management.

Course Leader Contact: Mrs Lucy Field - lfield@sancroft.stbenets.org

Hospitality & Catering Level 2

The WJEC Award in Hospitality and Catering has been designed to support learners in school who want to learn about this vocational sector and the potential it can offer them for their careers and further study such as apprenticeships or higher education.

Qualification: Single GCSE grades Pass to Distinction

What do students learn about in hospitality and catering?

- Unit 1 enables learners to gain and develop comprehensive knowledge and understanding of the hospitality and catering industry including provision, health and safety, and food safety.
- Unit 2 enables learners to develop and apply knowledge and understanding of the importance of nutrition and how to plan nutritious menus. They will learn the skills needed to prepare, cook and present dishes. They will also learn how to review their work effectively.

Skills:

You will develop a range of skills which are attractive to employers, colleges and universities including:

*Communication *Confidence *Learning independently *Organisation *Problem solving
*Research *Self-discipline *Stamina *Taking on responsibility *Time management.

How is this qualification assessed?

Learners will be required to successfully complete **2 mandatory units**.

Unit 1 – The Hospitality and Catering Industry - Exam (1 hour & 20 minutes) 40%

- 1.1 Hospitality and catering provision
- 1.2 How hospitality and catering providers operate
- 1.3 Health and safety in hospitality and catering
- 1.4 Food safety in hospitality and catering

Unit 2 - Hospitality and Catering in action - Assessment (NEA 12 hours) 60%

- 2.1 The importance of nutrition
- 2.2 Menu planning
- 2.3 The skills and techniques of preparation, cooking and presentation of dishes
- 2.4 Evaluating cooking skills

What pathways are linked to studying Hospitality & Catering? Post-16 Courses

Businesses which make up the hospitality sector include hotels, restaurants, coffee shops, pubs and bars, leisure parks, stadia, nightclubs, contract caterers, food service operators, entertainment and visitor attractions. Employment can range from waiting staff, receptionists and catering assistants to chefs, hotel and bar managers, and food technologists working for supermarket chains. Some of these roles require further education and training either through apprenticeships or further and higher education.

Future Careers:

*Chef de partie *Commis chef *Concierge *Executive chef *Front of house manager *Head waiter *Housekeeper *Maître d'hôte *Pastry chef *Receptionist *Sous chef and many more

Course Leader Contact:

Miss Harris Teacher of Design and Technology mharris@sancroft.stbenets.org

WJEC GCSE Design Technology

Through studying GCSE Design and Technology, you will be prepared to participate confidently and successfully in an increasingly technological world; and be aware of, and learn from, wider influences on design and technology, including historical, social/cultural, environmental and economic factors.

Qualification: GCSE 9-1

What do students learn about in Design Technology?

Understanding design and technology and our world smart materials electronic systems and programmable components mechanical components and devices materials- fibres & textiles

Designing and Making Principles Core Knowledge and Understanding In-Depth Knowledge and Understanding. Understanding design and technology practice, understanding user needs, writing a design brief and specifications, investigating challenges, developing ideas, investigating the work of others, using design strategies, communicating ideas, developing a prototype, making decisions.

Skills:

Studying Design and Technology will enable you to develop a wide range of transferable skills for further education, work and life: Creative and innovative thinking, Use of imagination and experimentation. Ability to critique and refine your own ideas, Knowledge and understanding of all design and technological activity and influences, Decision making skills Develop high quality, imaginative and functional prototypes Communication skills

How is this qualification assessed?

There is one 2 hour written examination (component 1) at GCSE worth 50% of the qualification; the remaining 50% will be a Design and Make task (NEA) (Component 2)

Component 1: Design and Technology in the 21st Century A mix of short answer, structured and extended writing questions assessing candidates' knowledge and understanding of: technical principles designing and making principles along with their ability to: analyse and evaluate design decisions and wider issues in design and technology.

Component 2: Design and Make Task A sustained design and make task, based on a contextual challenge set by WJEC, assessing candidates' ability to: identify, investigate and outline design possibilities design and make prototypes analyse and evaluate design decisions and wider issues in design and technology

What pathways are linked to studying Design Technology? Post-16 Courses & Future Careers:

There are many career paths that Design and Technology could take you down; from Carpenter to Architect all the way to Aerospace engineer. Here are just some of the industries and jobs that are facilitated by a qualification in Design and Technology: FASHION AND BEAUTY - Fashion Designer, Dressmaker. You could of course carry on studying on

Design and Technology at an advanced level, which would allow you the opportunity to study a range of courses at university.

Course Leader Contact: Miss Harris Teacher of Design and Technology
mharris@sancroft.stbenets.org

WJEC Level 2 Award in Engineering

Qualification

GCSE award in Engineering.

What do students learn about in this course and how will it be assessed?

The WJEC Level 1/2 Award in Engineering provides learners with a broad introduction to the engineering sector, the types of career opportunities available and provides a foundation for further study.

The qualification is built from three discrete units, each unit enabling learners to learn in such a way that they develop:

- skills required for independent learning and development
- a range of generic and transferable skills
- the ability to solve problems
- the skills of project based research, development and presentation
- the fundamental ability to work alongside other professionals, in a professional environment

The qualification is studied over a two year period and successful completion results in a qualification equivalent to a single GCSE.

Unit 1: Engineering Design

(30 Credits/ Internally assessed)

Internally assessed from project work, learners will complete a project file with evidence created to solve a provided engineering problem.

Learners will develop skills in annotated sketches, CAD and project management.

Unit 2: Producing Engineering Products

(60 Credits / Internally assessed)

Internally assessed from project work, learners will complete a project file with evidence created from designing and producing a prototype to solve a provided engineering problem.

Building on the skills developed in Unit 1, learners will additionally learn skills in safe working in a workshop, use of hand tools, soldering and use of laser cutters and other manufacturing tools.

Unit 3: Solving Engineering Problems

(30 Credits / Externally assessed)

Externally assessed from an online exam, this unit will require learners to provide answers explaining how specific engineering problems were solved.

Learners will develop thinking and problem solving skills based around an understanding of materials and manufacturing processes.

Course Leader Contact: Mrs Leeder cleeder@sancroft.stbenets.org