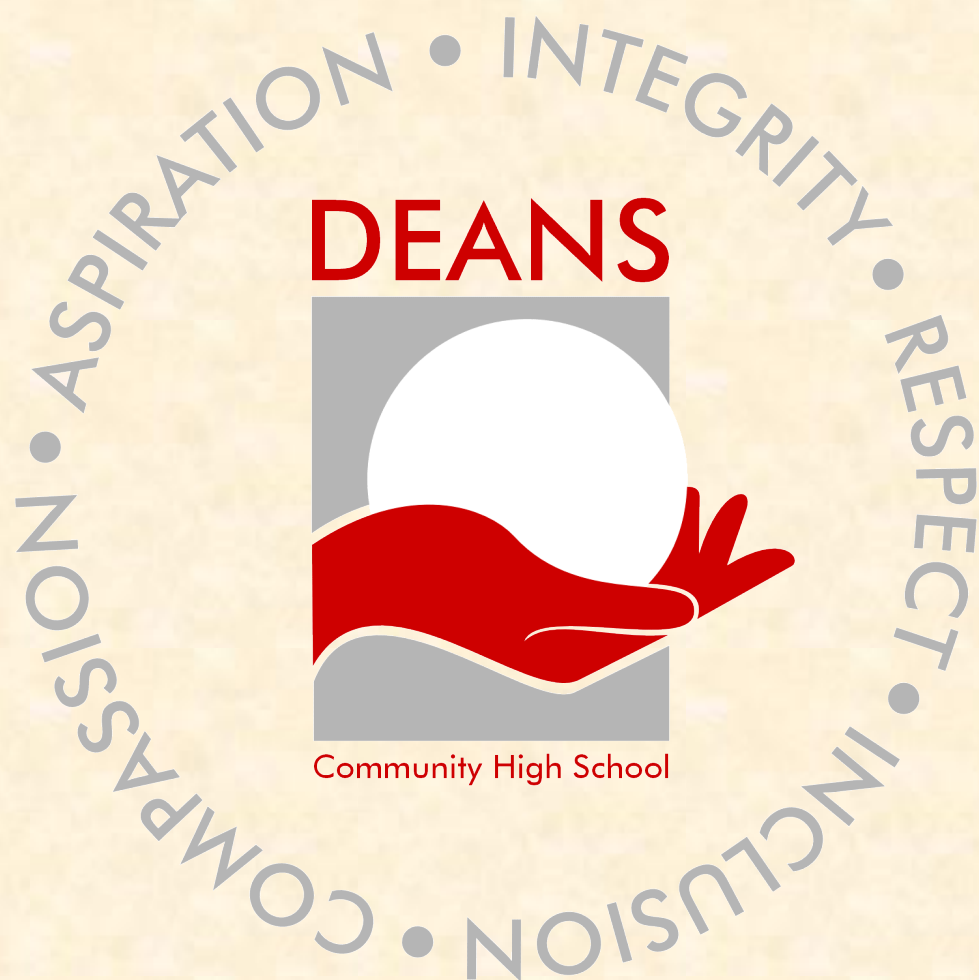


DEANS COMMUNITY HIGH SCHOOL



SENIOR PHASE COURSE CHOICE 2022

Contents

INFORMATION	3
CURRICULAR AREAS	7
ENGLISH & LITERACY	8
EXPRESSIVE ARTS	10
HUMANITIES.....	18
LANGUAGES	25
MATHS & NUMERACY	27
SCIENCES	29
TECHNOLOGIES	35
SCHOOL LEARNING CAMPUS	47

INFORMATION

FOR PARENTS / CARERS

This point in the year marks a very important stage in the educational life of S3, 4 and 5 students. S3 students move into the Senior Phase and make decisions about the subjects they will study for their National Qualifications. S4 and S5 students decide whether they are going to stay on at school to widen their National Qualifications and if so, which subjects they will study.

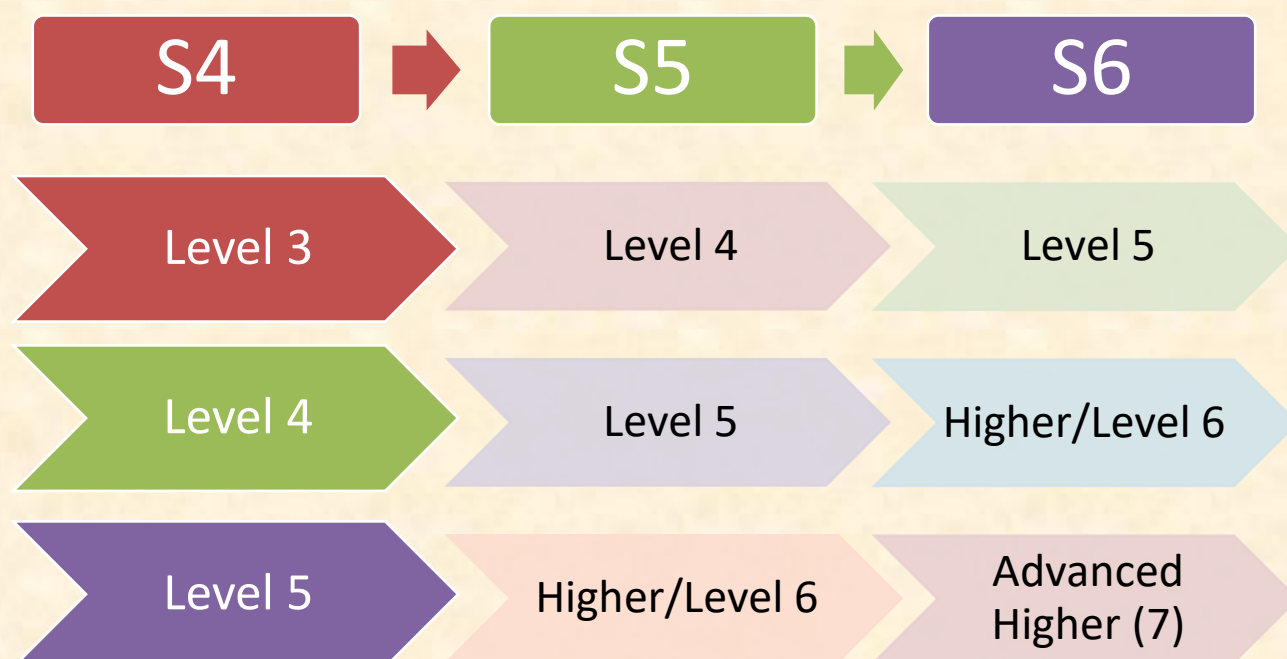
This booklet has been prepared so that you know what subjects are being offered in S4, S5 and S6 and what they involve. Over the next few weeks we will take great care to ensure that your son/daughter makes the correct choices.

Each student will be able to view and share with you option information which is available on the student's year group TEAMS page. This will provide them, and you, with information about all the courses and levels that are available in the Senior Phase. In addition, subject teachers will explain to students the courses on offer in their department. You will also receive information in your son/daughter's report from subject teachers.

In February your son/daughter should complete the electronic online form. Students going into S5 and S6 will have a personal interview with one of the senior management team to discuss their course choices.

If you have any questions or issues you would like to discuss regarding your child's course choices, please do not hesitate to contact me at any point.

PROGRESSION ROUTES



FOR STUDENTS

S4 Students

Deciding which subjects to continue with and study for your National Qualifications in S4 is very important. Think carefully about which subjects you enjoy and do well in. Also think about your future; which subjects do you need for future jobs, university or college courses.

S5/6 Students

Deciding whether to stay on at school is an important decision for you. You need to think carefully about what you are choosing to do and what commitment you are prepared to give. We welcome all students who want to stay on and have thought clearly about what they want to achieve at this time.

All students who return to S5 or S6 are expected to discuss with a member of senior management at their individual interview what they hope to achieve from their S5/6 courses.

Senior students are role models for younger students in the school and all students who stay on should be prepared to set an example by taking pride in the school, in their achievements and their contribution to school and community activities.

School Leaving Dates

The dates on which you may leave school are fixed by law:

- If you are 16 years old on or before 30 September 2020 you may leave on 31 May 2022
- If you are 16 years old after 30 September 2022 you must remain in full time education at school or college until the end of the Christmas term.

Christmas Leavers

Some students may not wish to return to school in fifth year, but the law says you must return if your 16th birthday is after 30 September 2022. You can get a great deal out of your last term at school. There are worthwhile courses which will help you gain employment or a place in further education (college). It is possible to complete units as part of National Qualification courses and get awards for these by Christmas.

Subject Courses

We provide a range of courses at different levels, as we want all of our students to benefit from their time in the Senior Phase and experience a high level of success and achievement. Your time in S4/5/6 should provide a good foundation for your future.

An important part of this is success in the courses you choose and qualifications you gain. If you are to achieve your best, a serious commitment to hard work is needed. Most students find that Higher and National 5 courses require much more work than they had anticipated. Teachers will expect students to study hard, take responsibility for some planning and organisation of work and have excellent attendance. In return, teachers will aim to give you clear guidelines on the work that is required and give you the necessary help to succeed.

This booklet lists the courses on offer. We want you to choose your courses carefully and listen to advice from staff and your parents/carers. Some courses may be better studied over two years.

If you wish to do a course not on offer at Deans, it may be possible for you to do the course via the Virtual Campus or at West Lothian College. Free transport is provided for the Tuesday/Thursday afternoon courses at West Lothian College. If students wish to apply for a Friday afternoon course at West Lothian College, they must make their own travel arrangements.

THE SENIOR PHASE CURRICULUM

S4 students

All S4 students will study English and Mathematics. **Students will be asked to indicate a first and second choice of subject to drop from the subjects they studied in S3 to allow for the study of 7 qualifications. The school will endeavour to support their first choice to drop however some students may find that they are given their second choice.** Some students, at the recommendation of their Head of House, may undertake a Skills for Work or West Lothian College course.

S5 and S6 students

There are five option columns in the Course Choice Sheet for S5 and S6 students. Students who are studying National 4/5 qualifications will also have study classes and the opportunity to look at studying additional qualifications virtually.

These virtual options help you gain skills and experience which can help you to prepare for your future. Universities, colleges and employers are interested in students who have taken on additional independent courses and study.

Over the years, senior students have been involved in a variety of activities working with younger students. Some examples available are: paired reading, after-school clubs, mentoring, in class support, music events, sports teams, theatre trips, and art events. **COVID Permitting.**

S6 students are expected to undertake a minimum of four certificated courses. We strongly advise that S6 only pick one advanced higher subject with a maximum of two at this level.

Everyone must take part in the core programme of Moral and Personal Education and PE.

The S6 prefects make a major contribution to the life of the school and the community and are involved in preparing an S6 Year Book, planning the S6 Prom, charity and fund-raising work. We welcome this involvement as it not only adds to students' skills and experience, but also contributes to the positive ethos of the school and its community involvement.

We are happy to hear about new things that senior students wish to get involved with and these can always be discussed with Tutors.

There is a Student Council which allows students to contribute their ideas to school improvement. We hope all S5/6 will take some part in this.

Please note that courses will only run if there are viable numbers of students to permit staffing.

CAREERS ADVICE AND SUBJECT CHOICE

Students

Read the booklet carefully. Look at the accompanying information on the year group TEAMS page and Learning Pathways Sway.

Discuss choices with your parent/carers and staff. Your present level of attainment must be taken into account, along with entry requirements for each course.

You may need careers information to help you make your decision, for example, which subjects and levels of qualification are needed for a certain career or course at college or university. This can be found in the appropriate prospectus or on the college/university web site. The Skills Development Scotland Careers Adviser offers a drop-in service during Core Personal and Social Education periods

Parents/Carers

You will be involved in helping your child choose school subjects.

'Parents are the single most important influence on children's career development'. From *A National Framework on Career Education in Scotland, published November 2001.*

You may need careers information to support your child in making a choice. **Skills Development Scotland (SDS)** is Scotland's national skills body. They contribute to Scotland's sustainable economic growth by supporting people and businesses to develop and apply their skills. There is a designated Careers Adviser based in every secondary school in Scotland.

The Careers Adviser for DCHS is Evelyn Rogers who is based in the school library and works with senior phase students providing Career Information and Guidance (CIAG) to help students develop their Career Management Skills and make good decisions about their next steps from school.

<https://www.skillsdevelopmentscotland.co.uk/what-we-do/scotlands-careers-services/career-management-skills-explained/>

- There are weekly drop-in sessions offered every Tuesday Period 4 & 5 for students keen to learn more about their options and interests.
- Any student can request a meeting with Evelyn and these will take place in the Careers Adviser room in the school library.
- Parents can book an appointment to speak Evelyn at DCHS Parents' Evenings or contact her direct E-mail: evelyn.rogers@sds.co.uk Mobile: 07887 824725

LEAPS

Deans Community High School has been involved in the Lothian Equal Access policy for Schools for many years, a programme that has helped students gain places at Universities and higher education institutions. Advice will be made available to S5 and S6 students during personal and social education.

CURRICULAR AREAS

English & Literacy
PTC Mr O'Donnell

- English
- Literacy

Expressive Arts
PTC Mr Christie

- Art & Design
 - Early Education & Childcare
 - Physical Education
 - Music
 - Sports Leadership
- Drama
- Music Technology

Humanities
PTC Mrs McNicol

- Geography
- History
- Modern Studies
- People and Society
- Religious, Moral and Philosophical Studies (RMPS)
- Travel & Tourism

Languages
PTC Mrs Emmett

- French
- German
- Spanish

Mathematics
PTC Mr Duncan

- Mathematics
- Numeracy

Science
PTC Mr Wright

- Biology
- Human Biology
- Chemistry
- Engineering Science
- Physics

Technologies
PTC Mrs Yates

- Accounting
 - Administration & IT
 - Business Management/Business Information Tech
 - Enterprise & Employability
 - Computing Science
 - Design & Manufacture
 - Practical Cookery
- Cyber Security
- Graphic Communication
- Practical Woodworking

ENGLISH & LITERACY

ENGLISH



English is offered at:

National 4
National 5
Higher

For further details on any Languages Subjects contact Mr O'Donnell



ENGLISH

ENGLISH & THE WORLD OF WORK

Employment prospects:

The skills developed in English, especially the ability to communicate well verbally and in writing, are key to doing well in life and work. Most employers, colleges and universities will expect prospective candidates to have a qualification in English.

Is it for me?



You will enjoy this subject if:

- You enjoy different ways of working including whole class, small groups and individual tasks
- You would like to be more confident in reading, writing, talking and listening
- You want to work with a range of texts from media to plays and poetry with some room for personal choice

What will I learn?



You will develop skills and knowledge in:

- Understanding how language works
- Planning and researching
- Communicating your ideas and opinions
- Improving your literacy skills

What can I do with it?



- **A qualification in English is required by most employers when applying for positions**
- **College courses normally expect a minimum of National 4 English**
- **Most university courses would require a qualification at Higher level English**

Careers in:

- Digital copywriter, Editorial assistant, Magazine/Newspaper journalist
- English as a foreign language teacher
- Lexicographer
- Publishing copy-editor/proof reader
- Secondary school teacher

[Link to SQA Documents](#)

EXPRESSIVE ARTS

ART & DESIGN



Offered at:
National 4
National 5
Higher

EARLY EDUCATION & CHILDCARE



Offered at:
Level 4
Level 5

DRAMA



Offered at:
National 4
National 5
Higher

PE



Offered at:
National 4
National 5
Higher

MUSIC



Offered at:
National 4
National 5
Higher
Advanced Higher

MUSIC TECHNOLOGY



Offered at:
National 4
National 5

SPORTS LEADERSHIP



Offered at:
Level 5
Level 5

For further details on any Expressive Arts subjects contact Mr Christie

ART & DESIGN

ART & DESIGN & THE WORLD OF WORK

Employment prospects:

Year on year the creative sector continues to be a growth industry. It currently contributes over £100 Billion pounds annually to the UK economy (£11.5 Million per hour!). The Scottish Government identified the creative Industries as one of its main economic growth sectors.

Is it for me?



You will enjoy this subject if you:

- Have a keen eye for accuracy, detail and quality
- Enjoy learning about new ideas and ways of working
- Can organise yourself and manage your time effectively
- Are driven, self-motivated and actively engaged in your learning

What will I learn?



You will develop skills and knowledge in:

- Creating preliminary sketches and compositional developments, all experimenting with a variety of art media/approaches.
- Creating a design brief and following a professional design process; moving from research and development to ideas generation and the manufacture of a final design outcome.

What can I do with it?



- Further Education in NC, HNC, HND and degree level courses
- Art Therapist, Community Arts Worker, Conservator, Exhibition Designer, Fashion Designer, Game Designer, Illustrator, Jewellery Designer, Make-up Artist, Stylist

[Link to SQA Documents](#)

DRAMA

DRAMA & THE WORLD OF WORK

Employment prospects include:

Actor (stage/screen/film/TV/radio), Teaching, Community Drama, Radio, TV, Arts Administration, Arts Journalism, Technical Theatre

Is it for me?



You will enjoy this subject if:

- You are creative.
- You enjoy performing or designing aspects of live theatre productions.
- You work well with others

What will I learn?



You will develop skills and knowledge in:

- Creating and presenting your work
- Technical theatre: lighting, sound and design
- Transferable skills such as: working with others, time management, thinking critically and creatively, planning and organising, oral presentation and writing skills

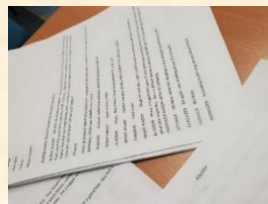
What can I do with it?



Careers and Education routes in: NC, HNC, HND and degree level courses.

Career Paths: Actor (stage/screen/film/TV/radio), Teaching, Community Drama, Radio, TV, Arts Administration, Arts Journalism, Technical Theatre

[Link to SQA Documents](#)



EARLY EDUCATION & CHILDCARE

CHILDCARE & THE WORLD OF WORK

Employment prospects include:

Early years teacher, education consultant, family support worker, health play specialist, learning mentor, primary school teacher, social worker, teaching assistant, youth worker

Is it for me?



You will enjoy this subject if:

- Wish to work in the early education and childcare sector.
- You enjoy working with others
- You are creative

What will I learn?



You will develop skills and knowledge in:

- The workplace and the employee's responsibilities
- Self-evaluation skills
- A positive attitude to learning
- Flexible approaches to solving problems
- Being adaptable and having a positive attitude to change
- Having confidence to set goals, reflect and learn from experience
- Skills to become effective jobseekers and employees

What can I do with it?

Careers and Education routes in: NC, HNC, HND and degree level courses for the careers noted above.

[Link to SQA Documents](#)

PHYSICAL EDUCATION

PHYSICAL EDUCATION & THE WORLD OF WORK

Employment prospects:

Qualifications in Physical Education could lead to employment opportunities in Sport and Fitness, Personal Training, Teaching, Coaching, Sports Science

Is it for me?



You will enjoy this subject if:

- You have a passion for sport, exercise and physical activity
- You have an interest in developing your skills and personal qualities within sport
- You enjoy practical, experiential learning alongside the necessary theory periods
- You are interested in how to improve performance in a range of physical activities
- You are interested in the theory behind performance development
- You are motivated and hard-working in PE
- You enjoy taking part in a range of activities including badminton, basketball, handball, swimming, gymnastics, volleyball and water polo

What will I learn?



You will develop skills and knowledge in:

- The cycle of performance analysis – How to investigate performance, analyse the results, develop a training programme and monitor, record & evaluate the use of the programme
- The mental, emotional, social and physical factors – how they can impact on performance and how they can be improved
- Other features, such as setting goals, using a model performer and the use of feedback

What can I do with it?

- HNC/HND Fitness, Health and Exercise
- HNC/HND Sports Coaching
- HNC/HND Sports Development
- MA Physical Education (Teaching)
- BSc Sports Science



[Link to SQA Documents](#)



MUSIC

MUSIC & THE WORLD OF WORK

Employment prospects:

You can choose to work in a range of professions inside and outside music. If you choose to follow a music career, you may have to take on several roles with different employers and work on both a freelance and contract basis. For example, you could combine teaching with freelance performance work, as well as doing contract/session work on different projects.

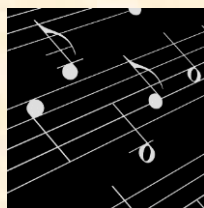
Is it for me?



You will enjoy this subject if:

- You enjoy playing musical instruments/singing.
- You are creative and enjoy creating your own music.
- You like to work individually and as part of a team.
- You are interested in how music impacts and has impacted upon society.

What will I learn?



You will develop skills and knowledge in:

- 2 instruments (or one instrument and voice)
- Creating original music using technology
- Analysis and evaluation of your own work and the work of others.
- Transferable skills such as: communication skills, self-discipline, fine motor skills, team work, self-confidence

What can I do with it?



- Further education routes at NC, HNC, HND and degree level
- Musician, Teacher, Music Therapist, Community Musician, Recording Artist, Session Musician, Accompanist, Composer, Sound Engineer, Events Management, Music Production, Conductor, Military Musician, Instrumental Repairs



[Link to SQA Documents](#)

MUSIC TECHNOLOGY

MUSIC TECHNOLOGY & THE WORLD OF WORK

Employment prospects:

Modern music is heavily reliant on technology, from creating tracks on computers, through to digital production, sound manipulation and live sound. The growth in digital technology has resulted in an increase in job roles.

Is it for me?



You will enjoy this subject if:

- You enjoy working with technology and sound production.
- You enjoy Music but do not want to play an Instrument.
- You have an interest in how music is recorded/produced.
- You like to work individually and as part of a team.
- You are interested in Music from the 20th/21st Century.

What will I learn?



You will develop skills and knowledge in:

- Using Music technology hardware and software efficiently.
- Capturing and Manipulating Audio effectively.
- Creating Audio Projects in a range of contexts.
- Analysis and evaluation of your own work and the work of others.
- Transferable skills such as: communication skills, self-discipline, problem solving skills, team work, computing skills.

What can I do with it?



- Careers and Education routes in: NC, HNC, HND and degree level courses.
- Career Paths: Music Producer, Sound Engineer, Sound Technician, Teacher, Recording Artist, Production Engineer, Production Management, Events Management.

[Link to SQA Documents](#)

SPORTS LEADERSHIP

SPORTS LEADERSHIP & THE WORLD OF WORK

Employment prospects include:

Sports Coaching and PE Teaching.

Is it for me?



You will enjoy this subject if:

- You have an interest in physical activity and enjoy learning within a wide range of sporting environments.
- You are keen to take on leadership roles within sporting activities such as being a referee, umpire and coach.
- You want to develop your leadership skills and behaviours such as your confidence and communication skills.

What will I learn?



You will develop skills and knowledge in:

- Planning, leading and evaluating basic physical activities. This includes the planning and delivering of activities for younger people, less abled and those within the wider community.
- How to best help yourself and others maintain a physically active life.
- How to best develop important life skills such as communication and organisation to help you become more employable when you leave school.

What can I do with it?

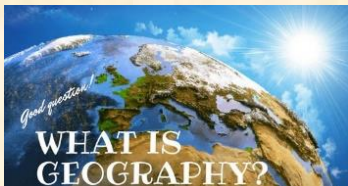


- Leadership roles within school. For example House Captain, Sports Captain and helping with the leading of extra-curricular clubs.
- Sports coaching within the wider community.
- Sports Leadership related degrees and courses at college and university, such as PE teaching and Sports Coaching.
- You will also develop generic skills and qualities that are useful in all areas of life such as organisation, confidence and leadership.

[Link to SQA Documents](#)

HUMANITIES

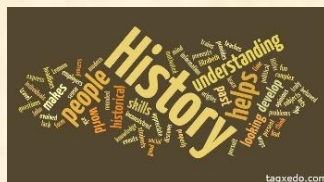
GEOGRAPHY



Geography offered at:

National 4
National 5
Higher

HISTORY



History offered at:

National 4
National 5
Higher

MODERN STUDIES



Modern Studies offered at:

National 4
National 5
Higher

RMPS



RMPS offered at:

National 4
National 5
Higher
Advanced Higher

PEOPLE & SOCIETY



People & Society offered at:

National 4
National 5

TRAVEL & TOURISM



Travel & Tourism offered at:

National 4
National 5

For further details on any Humanities Subjects contact Mrs McNicol

GEOGRAPHY

GEOGRAPHY & THE WORLD OF WORK

Employment prospects include:

Jobs in conservation and environmental management, the energy sector, for example renewables and the travel, tourism and leisure industry.

Is it for me?



You will enjoy this subject if:

- You are interested in learning about different places around the world, ranging from the UK to the most remote and extreme locations on Earth.
- You care about environmental issues and want to learn more about the key challenges facing people and nature.
- You enjoy variety in your learning, both in terms of what and how you learn

What will I learn?



You will develop skills and knowledge in:

- How to research geographical issues effectively.
- How to display, analyse and evaluate information.
- The physical environment – weather, climate and different landscape types.
- The human environment – population, urban areas and farming.
- Complex world issues, for example climate change

What can I do with it?



- Teaching – primary, secondary and higher education.
- Cartography and GIS (geographic information systems).
- Surveying, town planning and landscape architecture.
- Nature conservation and environmental management.
- The energy sector, for example renewables.

[Link to SQA Documents](#)

HISTORY

HISTORY & THE WORLD OF WORK

Employment prospects include:

Conservation Officer; Museum Curator or Education Officer; Librarian; Broadcast Journalist; Archaeologist, Archivist; Civil Servant; Politician's Assistant; Primary/Secondary Teacher; Lawyer; Civil Servant; MP; Journalist.

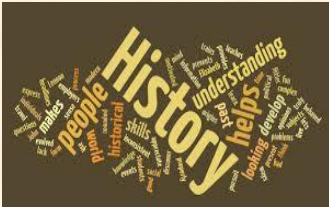
Is it for me?



You will enjoy this subject if:

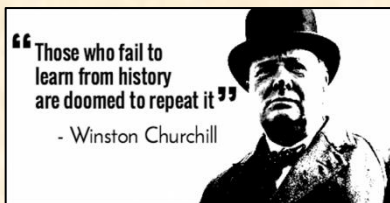
- You enjoy learning about how people lived in the past
- You want to understand and learn about war, revolution and why countries change
- You like forming opinions that are based on evidence
- Debating and analysing different points of view
- Working with evidence

What will I learn?



You will develop skills in:

- Independent and critical thinking
- Drawing conclusions
- Independent research skills and study techniques
- Understanding historiography and interpreting sources
- Explaining connections between people, places and events



Knowledge about:

- The Atlantic Slave Trade
- Life in Victorian Britain
- Civil rights in the USA 1918-1968
- World War One
- Birth of Modern Britain

What can I do with it:

Skills developed in History are transferable to university and the many careers noted above.

[Link to SQA Documents](#)

MODERN STUDIES

MODERN STUDIES & THE WORLD OF WORK

Employment prospects include:

Advice Worker, Community Development Worker, Family Support Worker, Further Education or Secondary School Teacher, International Aid/Development Worker, Social Researcher, Social Worker, Youth Worker, Actuarial Analyst, Charity Fundraiser, Housing Manager/Officer, Human Resources Officer, Probation Officer, Public Relations Officer, Civil Servant, MP, Lawyer and many, many more

Is it for me?



You will enjoy this subject if:

- You think about contemporary society
- You want to understand the causes of social economic and political problems
- You want to be active in solving our country's (and the world's) problems
- You want us to participate in making the big decisions that affect us all

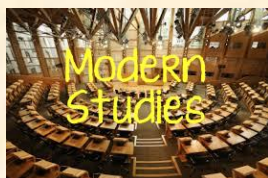
What will I learn?



You will develop skills and knowledge in:

- Political activity and debate
- Human rights
- Social and economic issues in countries around the world
- How one issue impacts many people and nations around the world
- The importance of media in a democratic society
- Coming to a decision based on evidence
- Independent research techniques

What can I do with it?



- Skill developed in Modern Studies are transferrable to university and the many careers noted above

[Link to SQA Documents](#)

RMPS

RMPS & THE WORLD OF WORK

Employment prospects include:

Further education teacher, Higher education lecturer, Primary school teacher, Secondary school teacher, Advice worker, Archivist, Charity officer, Civil Service administrator, Community development worker, Editorial assistant, Newspaper journalist, Social worker, Youth worker, Medicine, Nursing, Law, Criminal Justice, Military

Is it for me?



You will enjoy this subject if:

- You like having your ideas challenged and enjoy challenging the ideas of others
- You want to learn more about what people think, believe, and how they make moral decisions.
- You want to understand different people's perspectives on life.

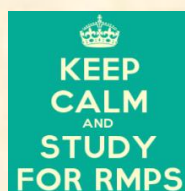
What will I learn?



You will develop skills and knowledge in:

- How to consider non-religious viewpoints
- Analysing and evaluating the views and beliefs of others.
- How religion and philosophy have affected and are effecting our society.
- The moral issues affecting our society.
- Independent research skills and study techniques.

What can I do with it?



- Further education and Higher education
- Career prospects: Primary school teacher, Secondary school teacher, Advice worker, Archivist, Charity officer, Civil Service administrator, Community development worker, Editorial assistant, Newspaper journalist, Social worker, Youth worker, Medicine, Nursing, Law, Criminal Justice, Military

[Link to SQA Documents](#)

PEOPLE & SOCIETY

PEOPLE & SOCIETY & THE WORLD OF WORK

Employment prospects:

Tourism, Hospitality, Education Services, Health Services, Council Workers, Office Duties, Retail, Outdoor Activities, Classroom Assistant, Youth worker, Community worker, Charity Worker

Is it for me?



You will enjoy this subject if you have an interest in learning about:

- Racism and Prejudice.
- Crime and Punishment
- Animal Rights
- Poverty in Britain and the World
- Olympics past and present.
- Slavery past and present

What will I learn?



You will develop skills and knowledge in:

- Investigating
- Thinking about important issues
- Presenting information
- Understanding different points of view

What can I do with it?



- Tourism, Hospitality, Education Services, Health Services, Council Workers, Office Duties, Retail, Outdoor Activities, Classroom Assistant, Youth worker, Community worker, Charity Worker etc

[Link to SQA Documents](#)

TRAVEL & TOURISM

TRAVEL & TOURISM & THE WORLD OF WORK

Employment prospects:

The travel and tourism sector comprises many different industries and sub-industries, including services such as retail travel, currency exchange, tour operators and tourist boards. It also covers passenger transport including coach, aviation, rail and waterways and visitor attractions such as museums, theme parks, zoos and heritage sites.

Is it for me?



You will enjoy this subject if:

- You are interested in learning about different places, ranging from tourist destinations within Scotland to exotic locations around the world.
- You would like to learn about jobs and careers in the travel, tourism and leisure industry.
- You enjoy working independently using ICT

What will I learn?



You will develop skills and knowledge in:

- Tourism in Scotland, the wider UK, Europe and worldwide
- ICT
- Customer service
- Employability

What can I do with it?



A wide variety of roles within the sector, ranging from positions in hotels and restaurants, to tour guides, travel agents and airline cabin crew.

[Link to SQA Documents](#)

LANGUAGES



French, German and Spanish are offered at:

National 4
National 5
Higher



MODERN LANGUAGES

For further details on Languages contact Mrs Emmett

MODERN LANGUAGES & THE WORLD OF WORK

Employment prospects include:

Language learning offers many important skills for the world of work, such as communication, problem-solving and awareness of other cultures. Language graduates are sought after by employers for the skills they have to offer.

FRENCH/GERMAN/SPANISH

Is it for me?



You will enjoy this subject if you:

- Enjoy communicating
- Enjoy learning about the world
- Like the idea of travelling or living abroad
- Want to build your confidence or broaden your horizons

What will I learn?



You will develop skills and knowledge in:

- Your chosen language's vocabulary and grammar
- Speaking in the chosen language
- Cultural knowledge about the countries where the language is spoken

What can I do with it?



Careers and Education routes into:

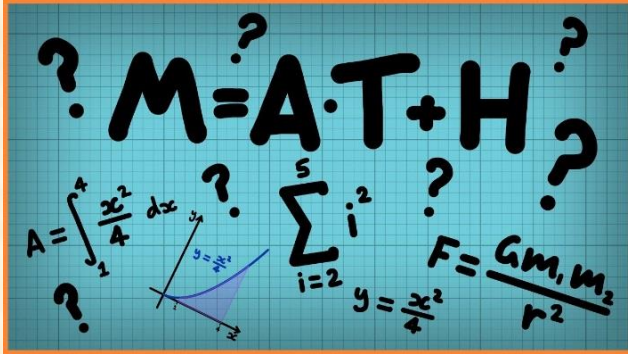
- Business, travel and tourism, law, engineering, journalism, sport, teaching, translation, interpreting, publishing, chemistry
- Just about anything can be combined with a language!



[Link to SQA Documents](#)

MATHS & NUMERACY

MATHEMATICS



PERSONAL FINANCE



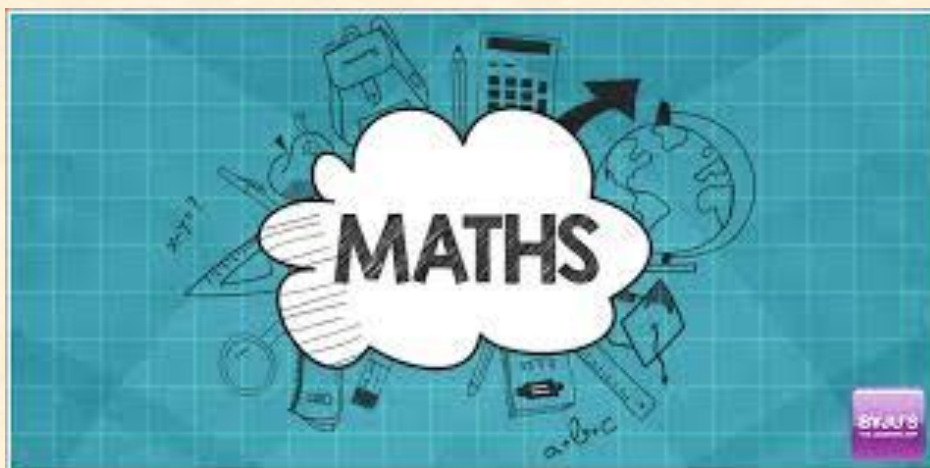
Maths is offered at:

National 4
National 5
National 5 Applications
Higher
Advanced Higher

Personal Finance is offered at:

NPA Level 4

For further details on Mathematics contact Mr Duncan



SCIENCES

BIOLOGY



Biology is offered at:

National 4
National 5
Higher
Advanced Higher

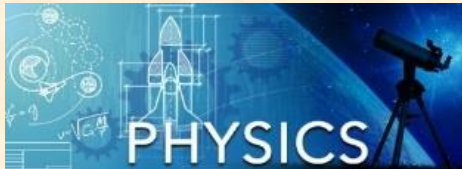
CHEMISTRY



Chemistry is offered at:

National 4
National 5
Higher
Advanced Higher

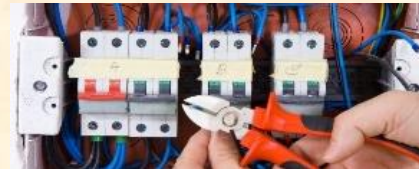
PHYSICS



Physics is offered at:

National 4
National 5
Higher

ENGINEERING SCIENCE



Engineering Science is offered at:

National 4
National 5
Higher

HUMAN BIOLOGY



Human Biology is offered at:

Higher

For further details on any Science Subjects contact Mr Wright

BIOLOGY

BIOLOGY & THE WORLD OF WORK

Employment prospects include:

As with all Sciences you will get to learn and develop key skills for living and working including practical skills, thinking skills and organisational skills. You will also get the opportunity to develop your literacy and numeracy skills in a different context with Biology. All of these are key skills employers are looking for.

Is it for me?



You will enjoy this subject if you are interested in learning about how the human body works, how animals and plants grow, how they rely on each other to survive and how they evolve over time. You will really start to appreciate how living things relate to the world around you.

What will I learn?



Skills you will develop include:

- Key practical skills,
- Organisational, deductive and problem-solving skills
- The ability to apply scientific knowledge to understand and to look at solutions to modern day issues and problems.
- Numeracy, literacy, researching and communication skills

What can I do with it?



A qualification in Biology can lead you into a variety of different careers and modern apprenticeships in;

- Marine biology, Medicine, Nursing, Microbiology, Zoology, Physiotherapy, Botany and the study of plants
- Dentistry, Lab Technician, Pharmacy,
- Veterinary Practice, Agricultural research
- Genetic counsellor, attorney, medical sales, financial analyst and many more.

[Link to SQA Documents](#)

HUMAN BIOLOGY

HUMAN BIOLOGY & THE WORLD OF WORK

Employment prospects include:

As with all Sciences you will get to learn and develop key skills for living and working including practical skills, thinking skills and organisational skills. You will also get the opportunity to develop your literacy and numeracy skills in a different context with Biology. All of these are key skills employers are looking for.

Is it for me?



You will enjoy this subject if you are interested in learning about how the human body works, how animals and plants grow, how they rely on each other to survive and how they evolve over time. You will really start to appreciate how living things relate to the world around you.

What will I learn?



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- Organisational, deductive, and problem-solving skills
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- Numeracy, literacy, researching and communication skills

What can I do with it?



A qualification in Biology can lead you into a variety of different careers and modern apprenticeships in;

- Marine biology, Medicine, Nursing, Microbiology, Zoology, Physiotherapy, Botany, and the study of plants
- Dentistry, Lab Technician, Pharmacy,
- Veterinary Practice, Agricultural research
- Genetic counsellor, attorney, medical sales, financial analyst and many more.

[Link to SQA Documents](#)

CHEMISTRY

CHEMISTRY & THE WORLD OF WORK

Employment prospects include:

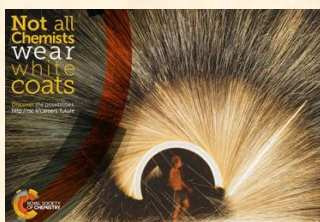
You will get to learn and develop key skills for living and working, including, practical skills, thinking skills, analytical skills and organisational skills. You will also get the opportunity to develop your literacy and numeracy skills in a different context with chemistry. All of these are key skills employers are looking for.

Is it for me?



Chemistry is the study of matter and energy and how they interact with each other. It is everywhere around you, it is in the food and the water that you consume, the clothes you wear, your daily soap and detergents and medicines. You will enjoy Chemistry if you like finding about atoms, elements and compounds, acids and alkalis, polymers and fuels. You will also enjoy it if you like practical experiments, problem solving and investigations.

What will I learn?



Skills you will develop include;

- Key practical skills
- The ability to apply scientific knowledge to understand and to look at solutions to modern day issues and problems
- Organisational skills, deductive and problem-solving skills
- Numeracy, literacy, communication, and team working skills

What can I do with it?



A qualification in Chemistry can lead you into a variety of different careers and modern apprenticeships in;

- Chemical Manufacturing, Medicine, Nursing
- Pharmaceuticals
- The Food Industry
- Automotive manufacturing
- Army, Navy, Police
- Paramedics
- Health & Beauty
- Laboratory Research & Development
- Teaching and many more.

[Link to SQA Documents](#)

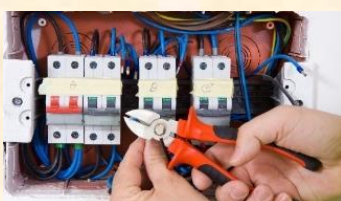
PHYSICS

PHYSICS & THE WORLD OF WORK

Employment prospects include:

As with all Sciences, in Physics you will get to learn and develop key skills for living and working including practical skills, thinking skills and organisational skills. You will also get the opportunity to develop your literacy and numeracy skills in a different context in Physics. All of these are key skills employers are looking for.

Is it for me?



Physics is the study of energy, forces, mechanics, and waves; everything from the very small (atomic structure) to the very large (the Universe).

If you want to explore the laws of nature, get hands on, finding how and why objects travel and accelerate, and enjoy finding out about the Universe, then Physics is for you.

What will I learn?



You will develop skills and knowledge in:

- Practical work
- Organisation
- Deductive and problem-solving
- The ability to apply scientific knowledge to understand and to look at solutions to modern day issues and problems
- Numeracy, literacy, communication, researching, and team working

What can I do with it?



A qualification in Physics can lead you into a variety of different careers and modern apprenticeships in:

- Civil Engineering, Electrician, Construction, Mechanical Engineering, Automotive Industry
- Army, Navy
- Lab Technician, Radiology
- Space Exploration, Acoustics
- Education



[Link to SQA Documents](#)



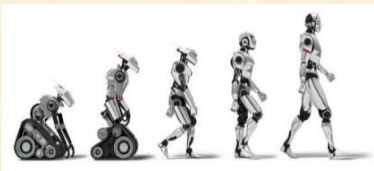
ENGINEERING SCIENCE

ENGINEERING SCIENCE & THE WORLD OF WORK

Employment prospects include:

If you choose Engineering Science you will get to learn and develop key skills for living and working including problem solving, team working, communication, key hands-on practical skills, thinking skills and organisational skills. You will also get the opportunity to develop your literacy and numeracy skills in a different context in Engineering. All of these are key skills employers are looking for.

Is it for me?



Engineering Science is the study of the far-reaching impact of engineering on our society. You will enjoy this subject if:

- You like to design and build things,
- You want to use your practical skills to fix problems and issues
- You enjoy operating and controlling a variety of different mechanical systems

Engineering Science works well in conjunction with other sciences especially Physics and Chemistry as well as Biology.

What will I learn?



Skills you will develop include:

- Key practical skills
- Organisational skills
- Deductive and problem-solving skills,
- Team working skills
- The ability to apply scientific knowledge to understand and to look at solutions to modern day issues and problems.

What can I do with it?



A qualification in Engineering can lead you into a variety of different careers and modern apprenticeships in:

- Civil and mechanical engineering
- Electrician, Construction, Automotive Industry
- Army, Navy
- Biomedical Engineering, Lab Technician, Radiology
- Space Exploration
- Education such as a Physics teacher or Lecturer
- Chemical Engineering, Applied Physics or Bio-mechanics at university.

[Link to SQA Documents](#)

TECHNOLOGIES

Accounting



Offered at:
National 5
Higher

Administration & IT



Offered at:
National 4
National 5
Higher

Business Management



Offered at:
National 4
National 5
Higher

Business with IT



Offered at:
Level 5

Enterprise & Employability



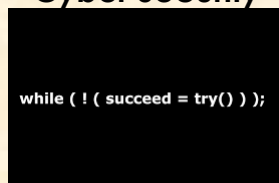
Offered at:
Level 4
Level 5

Computing Science



Offered at:
National 4
National 5
Higher

Cyber Security



Offered at:
Level 4
Level 5

Design & Manufacture



Offered at:
National 4
National 5
Higher

Graphic Communication



Offered at:
National 4
National 5
Higher

Practical Woodworking



Offered at:
National 4
National 5

Practical Cookery



Practical Cookery is offered at:
National 4
National 5

For further details on any Technologies Subjects contact Mrs Yates

ACCOUNTING

ACCOUNTING AND THE WORLD OF WORK

Employment prospects include:

Chartered Accountant, Forensic Accountant, Company Secretary, Stockbroker, Actuary, Data Analyst, Economist, Financial Advisor, Consultant, Banker

Is it for me?



You will enjoy this subject if you:

- Enjoy working with figures
- Pay attention to details
- Have a logical and analytical mind
- Enjoy problem solving
- Would like a career in the financial sector

What will I learn?



You will develop knowledge in:

- Completing financial accounting documents
- Completing managerial accounting documents

You will develop skills in:

- Numeracy and the interpretation and analysis of complex accounting information
- How to apply a systematic approach to solving financial problems
- The use of spreadsheet software for complex accounting tasks

What can I do with it?



- You will develop skills and gain a qualification that could take you straight into employment or aid future studies.
- The financial sector accounts for 24% of employment in the UK.



[Link to SQA Documents](#)

ADMINISTRATION & IT

ADMINISTRATION & IT AND THE WORLD OF WORK

Employment prospects include:

Administrative Assistant, Personal Assistant, Insurance, Tourism, Hospitality, Estate Agency, Finance, Legal Secretary, Customer Service

Is it for me?



You will enjoy this subject if:

- You would like to develop your IT skills
- You enjoy problem solving
- You want to develop skills you will use across the school, in further education and in employment

What will I learn?



You will develop skills and knowledge in:

- Administrative theory in the workplace
- Word, DTP, Excel and Access to perform workplace administrative tasks
- Presentation and Communication of Information
- Organisation and Management of Information
- Literacy and Numeracy

What can I do with it?



- You will develop skills that could take you straight into employment or aid future studies
- Most employers expect prospective employees to be able to use the Microsoft suite
- All office based jobs would expect knowledge of the Microsoft suite



[Link to SQA Documents](#)

BUSINESS MANAGEMENT

BUSINESS AND THE WORLD OF WORK

Employment prospects:

Business management prepares you for a career in business, which may stretch across any sector or industry. Your career options are therefore wide and varied. Decide on the area you want to work in and aim to get relevant work experience in that sector.

Is it for me?



You will enjoy this subject if:

- You have an interest in business and may think of yourself as entrepreneurial
- You want to understand how society relies on business
- You want to develop useful skills for learning, life and work

What will I learn?



You will develop skills and knowledge in:

- Enterprise
- Employability
- Financial Awareness
- Numeracy and Literacy
- ICT
- Analysis, Evaluation and Decision Making
- Communication

What can I do with it?



- Further and Higher Education Courses at College and University
- Career Paths include: Retail Manager, Sales Executive, Business Analyst, Chartered Accountant, Marketing Executive, Human Resources Officer, Logistics and Distribution Manager, Management Consultant, Project Manager, Secondary School Teacher

[Link to SQA Documents](#)

BUSINESS WITH INFORMATION TECHNOLOGY

BIT AND THE WORLD OF WORK

Employment prospects:

Business with Information Technology will equip pupils with the skills and qualities they will need to enter any workforce. This course is a mixture of Business Management and Administration and IT and provides business skills as well as IT skills giving pupils an insight to the requirement of working in a business.

Is it for me?



You will enjoy this subject if:

- You have an interest in business and may think of yourself as entrepreneurial
- You want to understand how society relies on business
- You want to develop useful skills for learning, life and work

What will I learn?



You will develop skills and knowledge in:

- IT skills
- Verbal and Written Communication skills
- Excellent organisation and administrative skills
- Time management
- Ability to express oneself in an articulate manner
- Approachability
- Customer service skills
- Business skills

What can I do with it?



- Career Paths include: Retail Manager, Sales Executive, Business Analyst, Marketing Executive, Human Resources Officer, Logistics and Distribution Manager
- You will develop skills that could take you straight into employment or aid future studies
- Most employers expect prospective employees to be able to use the Microsoft suite
- All office based jobs would expect knowledge of the Microsoft suite

[Link to SQA Documents](#)

ENTERPRISE & EMPLOYABILITY

ENTERPRISE AND THE WORLD OF WORK

Employment:

Enterprise and Employability aims to provide students with the knowledge and skills that they will need to be future employees and potential employers. It includes but is not limited to teaching financial and organisational capability, while also providing opportunities to raise student's awareness of problems and solutions in the context of business and enterprise by enhancing their skills for work.

Is it for me?



You will enjoy this subject if:

- You enjoy working as part of a team
- You want to enhance your employability skills
- You would like to experience valuable work experience

What will I learn?



You will develop skills and knowledge in:

- Communication skills
- Financial capability
- Confidence
- Initiative
- Organisation
- Problem solving
- Resilience
- Team work

What can I do with it?



Enterprise and Employability will:

- Equip you with the skills you will require to enter any workforce
- Build your confidence in applying for jobs
- Build your interview skills
- Provide you with relevant work experience

[Link to SQA Documents](#)

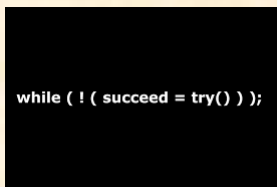
COMPUTING SCIENCE

COMPUTING SCIENCE AND THE WORLD OF WORK

Employment prospects include:

Software Engineering, Systems Analyst, Games Designer, Games Programmer, Web Developer, Network Security Specialist, Ethical Hacker, Forensic Computer Analyst, Multimedia programmer, Teacher, Network Architecture, Database Administrator, Computer Tech Support, Graphic Designer

Is it for me?



You will enjoy this subject if you:

- Like problem solving
- Are a creative thinker
- Have an interest in computing
- Have an interest in gaming
- Have an interest in emerging technologies

What will I learn?



You will develop skills and knowledge in:

- Computational Thinking
- Problem Solving
- Planning and Organising
- Research
- Communication
- Analysis
- Design
- Evaluation
- Web Design & Development
- Software Design & Development
- Database Design & Development
- Computer Systems
- The role and impact of computing science on our environment and society



What can I do with it?



- Careers and Education routes in Software Engineering, Systems Analyst, Games Designer, Games Programmer, Web Developer, Network Security Specialist, Ethical Hacker, Forensic Computer Analyst, Multimedia programmer, Teacher, Network Architecture, Database Administrator, Computer Tech Support

[Link to SQA Documents](#)

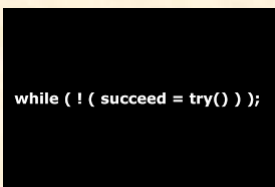
CYBER SECURITY

CYBER SECURITY AND THE WORLD OF WORK

Employment prospects include:

Learning how to ethically hack is a highly sought-after skill which only a small percentage of people can do. Companies of all sizes need to make sure they are protected against hackers due to the massive financial implications it could cost them, meaning there are lots of opportunities available to you with these skillsets.

Is it for me?



You will enjoy this subject if you:

- Are interested in how computers can be hacked.
- Are interested in how crime investigations can be solved through the use of technology.

What will I learn?



You will develop skills and knowledge in:

- Data security and how companies use this data.
- You will learn how to acquire delete files from computers through the same techniques used by the police when solving crimes.
- You will learn how to ethically hack and take remote control of a computer.



What can I do with it?



- Careers and Education routes in HNC and degree level courses for Cyber Security
- Cyber security students are in high demand by employers.
- Career paths could include: Cyber Security Engineer, Cyber Security Architect, Cyber Security Operations Manager

[Link to SQA Documents](#)

DESIGN & MANUFACTURE

DESIGN & MANUFACTURE & THE WORLD OF WORK

Employment prospects:

With a qualification in Design and Manufacture, you could work in industries to create a range of items, from everyday products such as mobile phones, household appliances and cars, to larger items such as industrial tools, equipment and machinery. You may work on new products or improve existing ones, and use your understanding of technology, materials and manufacturing methods to improve the design and usability of an item.

Is it for me?



You will enjoy this subject if you:

- Enjoy being creative
- Enjoy problem solving and creative thinking
- Are a self-motivated and proactive person
- Like to work independently
- Like making products
- Want to know how products are made or work
- Enjoy bringing your ideas to life

What will I learn?



You will develop skills and knowledge in:

- How to critically evaluate designs and products
- Using a range of research techniques
- Product sustainability
- Planning for prototyping and manufacture
- Using graphic techniques to communicate ideas
- Understanding material properties

What can I do with it?



- Further & Higher Education at College and University
- Apprenticeships, Carpentry, Civil Engineering, Construction, Fabrication, Fashion Design, Footwear Design, Furniture Design, Industrial Design, Innovation Technology, Interaction Design, Interior Design, Landscape Architecture, Manufacture, Materials Engineering, Mechanical Engineering, Prototyping, Structural Engineering, Toy Design

[Link to SQA Documents](#)

GRAPHIC COMMUNICATION

GRAPHICS & THE WORLD OF WORK

Employment prospects:

You can work for a variety of businesses, such as design consultancies and studios or branding specialists. You may be part of a team specialising in advertising design, including identity and event branding or corporate communication.

Is it for me?



You will enjoy this subject if you:

- Enjoy being creative
- Enjoy problem solving and creative thinking
- Are a self-motivated and proactive person
- Like to work independently
- Like 3d modelling/3d printing
- Like to market and advertise products
- Enjoy logo design, packaging or app design

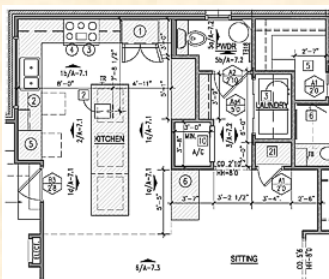
What will I learn?



You will develop skills and knowledge in:

- How to critically analyse and evaluate graphics
- A range of computer software
- Sustainability in digital media and print
- Planning for 3D design and modelling
- communicating ideas graphically
- British standards and conventions

What can I do with it?



- Further & Higher Education at College and University
- Apprenticeships, Architecture, App Design, Advertising, Animation, Branding, CAD Technology, Civil Engineering, Concept Art, Digital Media, Digital Design, Digital Technology, Event Design, Exhibit Design, Fashion Design, Footwear Design, Game Design, Graphic Design, Interior Design, Marketing, Mechanical Engineering, Prototyping, Publishing, Service Design, Town Planning, Urban Planning

[Link to SQA Documents](#)

PRACTICAL WOODWORK

PRACTICAL WOODWORK & THE WORLD OF WORK

Employment prospects:

Woodworkers transform wood into products through cutting, smoothing, assembling, shaping and preservation treatment. The industries that hire woodworkers include furniture manufacturing, mobile home production and construction. Their jobs are dependent on the economy; when it is good, construction projects increase and so does the demand for wood products.

Is it for me?



You will enjoy this subject if you:

- Enjoy manufacturing products to a high standard
- Want to develop your numeracy skills
- Want to learn specialist woodworking skills
- Are interested in developing your manual dexterity
- Like to work with tools and machines
- Want to progress in a practical based apprenticeship

What will I learn?



You will develop skills and knowledge in:

- Safe working practices in a workshop environment
- Interpreting technical drawings
- Wood turning
- Hand tools and machines
- Joining methods and finishes
- Working within a tolerance of +/- 1mm

What can I do with it?



- Furniture Maker/Restorer
- Mould/Pattern Maker
- Construction Worker, Machine operator
- Production Worker
- Maintenance
- Automotive Industry
- Gas, Electric, Plumbing and Heating Engineers
- Roofing and Joinery

[Link to SQA Documents](#)

PRACTICAL COOKERY

HOSPITALITY AND THE WORLD OF WORK

Employment prospects include:

The National 4/5 Hospitality courses are ideal for students who are looking to pursue a job in the catering industry. The course opens opportunities for students to continue their development through further education with this perfect introduction course and certificate.

Is it for me?



You will enjoy this subject if you:

- Enjoy cooking
- Are interested in food
- Like to be active
- Enjoy being creative with food
- Work well under pressure

What will I learn?



You will develop skills and knowledge in:

- Food preparation techniques
- Cookery processes
- The importance of food safety and hygiene
- The importance of sourcing sustainable ingredients
- Current dietary advice
- Following recipes
- Planning
- Costing
- Organisational and time management
- Weighing and measuring

What can I do with it?



Careers and Education routes in:

- Chef – hotel, restaurant or industrial
- College access to other jobs in the catering industry

[Link to SQA Documents](#)

WEST LoTHIAN COLLEGE AND WEST LoTHIAN ACADEMY

West Lothian College Courses

The courses available this year can be found via this link to the West Lothian College Website. Courses include Foundation Apprenticeships

<https://www.west-lothian.ac.uk/courses/courses-for-schools/>



Pupils can also study via: West Lothian Academy

Please speak to Mrs Fleming or Mrs Bleach for further information



ADDITIONAL OPPORTUNITIES

There is an opportunity to study via the Open University – Young Applicants in Schools Scheme (YAAS). Please refer to the link below and speak to Mrs Bleach or Mrs Fleming if this is something you would like to consider.

<https://www.open.ac.uk/scotland/study/courses-schools-and-early-learning/young-applicants-schools-scheme>

LEAPS Transitions Course Level 7 www.leapsonline.org/transitions-course

Course Overview

The LEAPS Transitions Course is designed to give students the skills and experience they need to make a positive transition from school to university. Throughout the course, students work with academics and students from other schools on first-year university-level academic skills, developing confidence and an understanding of what it takes to be successful at university. This is a unique opportunity to get the 'uni' experience before starting for real.

Course Description

The course will be taught via interactive lectures, workshops, tutorial discussion, online participation, and independent study. Students will also participate in project work, library research and meetings with tutors and students. Semester one will focus on academic skills and a writing assessment; semester two will have a lecture series and a group poster assessment.

Entry Requirements The course is offered to LEAPS-eligible UCAS applicants, speak to Miss Thomson to see if you are LEAPS eligible.

We have no formal entry requirements, other than we anticipate students taking the course will be planning to apply to higher education. For example, students will either have Highers/Nat 5s required for university entry or are taking these in S6.

Please speak to Mrs Bleach for further information.