STRATHAVEN LEARNING COMMUNITY
RESPONSIBLE RESPECTFUL RESILIENT

TOGETHER WE Thrive

STRATHAVEN ACADEMY

SENIOR PHASE
SUBJECT CHOICES
2026 - 2027

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TOGETHER WE Thrive

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MAKING SUBJECT CHOICES

S4 COURSE CHOICE

Making the right course choices for S4 is a very important part of your educational journey and your career thereafter.

It is important that your choice of courses is based on your academic progress to date and research of university/college/vocational requirements. This information booklet is a starting point and contains details of each of the courses on offer in school. You should discuss your course choices with your family and friends, as this will give you every opportunity to think through your decisions.

You will also receive advice and support from staff in school and you will have a formal subject choices interview with your Pupil Support teacher. You may also wish to speak to your subject teachers prior to this interview so that you understand what the course and assessment involve. In addition, you can request a careers appointment with Jennifer Graham, SDS, through your Pupil Support teacher. It is essential that those of you who are considering further study at college or university check carefully which subjects are essential for your preferred courses. You will find this information by checking My World of Work, UCAS or individual college/university websites.

S5 COURSE CHOICE

As you move in to S5, you have a number of options:

- stay on for a fifth year
- stay on until Christmas of fifth year, if you have not reached school leaving age by the end of S4*
- take up full-time employment/training
- apply for a college course – Further Education

If you are considering leaving school, it is crucial that you have an interview with your Pupil Support teacher and Jennifer Graham of Skills Development Scotland. A useful website is My World of Work containing information on careers, apprenticeships and other relevant pathways.

When choosing subjects for S5, take the following into account:

- you should choose your 5 best subjects to continue to the next level in S5, wherever possible
- you should currently be predicted to achieve an A or B at National 5 to continue that subject to Higher
- if you are predicted to achieve a C it will be very difficult to achieve a Higher in that subject
- if all your current predictions are at National 5 A/B level, you should choose 5 Highers
- if 3 or 4 of your current predictions are at National 5 A/B level, you should choose 3 or 4 Highers
- if 1 or 2 of your current predictions are at National 5 A/B level, you should consider 1 or 2 Highers

*

- if you are currently undertaking National 4 level courses, continue to National 5 if the subject is offered, or select a new subject that allows you to broaden your studies and develop new skills at Level 5 or Level 6 e.g. Practical Metalwork, Cyber Security, Leadership in Sport, Practical Cookery., Exercise and Fitness, Scottish Studies, Photography .
- you might wish to consider attending college for a day each week or a Foundation Apprenticeship for 2 half-days over the next 2 years
- keep a balanced range of subjects if you are still unsure of your career plan

You should speak to your class teachers, Pupil Support teacher and your parents, who can all offer advice on your choice of subjects and levels of study.

S6 COURSE CHOICE

At the end of fifth year, you have a number of possible options:

- stay on for a sixth year
- apply to Higher Education/Further Education
- take up full-time employment/training/apprenticeship

If you are considering leaving school, it is crucial that you have an interview with your Pupil Support teacher and Jennifer Graham of Skills Development Scotland. A useful website is My World of Work containing information on careers, apprenticeships and other relevant pathways.

CHOOSING SUBJECTS FOR S6

All students entering sixth year:

- should choose at least 4 subjects, or 3 if in the Foundation Apprenticeship Programme or studying all Advanced Higher subjects
- have the opportunity to widen their portfolio of qualifications with study of 'crash' subjects at Higher/ and / or Level 6 qualifications
- can attend work placements / volunteering placements as part of their timetable
- can blend a one day/week college placement / Foundation Apprenticeship with subjects studied in school

Some students in S6 will take a 'crash' Higher – i.e. a subject that they have not previously studied to National 5 level. Advice should be sought from the relevant Faculty Head and also from the Pupil Support teacher as this is not an easy option. In sixth year, students are expected to take greater responsibility for their learning and use their non-class time profitably. Making the best use of this time can be quite complex and involves careful advance planning and disciplined working.

GRADU8 PROGRAMME

With our colleges, we have developed a vocational programme providing young people with the opportunity to achieve qualifications and a progression route that suits them best.

Pupils interested in college-based options should see their Pupil Support teacher to find out more. This will not commit pupils to a course, but will give them and their parents the opportunity to consider the courses available so they may make a relevant and appropriate choice.

FOUNDATION APPRENTICESHIP

Foundation Apprenticeships are work-based learning opportunities for pupils in S5 and S6. Pupils will spend time out of school at college or with a local employer, and complete the Foundation Apprenticeship alongside their other subjects.

The qualification takes two years to complete, is equivalent to a B grade at Higher and is linked to one of six key sectors of the Scottish economy, so young people are receiving an industry experience which will help them kick-start a successful career in their chosen field.

Pupils interested in Foundation Apprenticeships can obtain more information from their Pupil Support teacher.

FURTHER EDUCATION/EMPLOYMENT/APPRENTICESHIPS

Students planning to take up full-time employment / Further Education/ Modern Apprenticeship after sixth year should take advice from their Pupil Support teacher and from Skills Development Scotland on appropriate subject choice. There are a variety of vocational subjects that can be studied in school.

HIGHER EDUCATION

Universities are keen to encourage applicants to pursue their studies to a more advanced level in Sixth Year. Students who meet or exceed the minimum university entrance requirements after Fifth Year are recommended to study at least one (and preferably more) subject at Advanced Higher level.

However, it is not always advisable for students who have not met the minimum university entrance requirements to take Advanced Highers. Universities will continue to look for breadth of study across four or more subjects; it is, therefore, vital to select more Highers in these circumstances. For example, if a course has a minimum entrance requirement

of BBBB and a student achieves AACC or BBCC at Higher, taking two Advanced Highers in the subjects in which the As or Bs have been gained will not necessarily help the applicant reach the minimum requirements.

Pupils should instead concentrate on improving their qualifications across a broad range of subjects, as opposed to specialising in the areas in which they have already performed well.

Students should note that for certain courses, such as Veterinary, Medicine and Dentistry, Advanced Highers are compulsory. Please consult the appropriate university website for more information.

CAREERS INTERVIEW

Pupils can request an appointment with Jennifer Graham, Skills Development Scotland, at any time. Speak to your Pupil Support teacher if you wish to request an interview .

Email: jennifer.graham@sds.co.uk

KEY PERSONNEL

Further information can be obtained from Principal Teachers of Pupil Support and Depute Headteachers:

Mrs J Kane Depute Headteacher S4

Mrs A Humphries - Depute Headteacher S5/6

Mrs M Smith - Principal Teacher Pupil Support (AV)

Mrs E Neil - Principal Teacher Pupil Support (DU)

Miss Harvey - Principal Teacher Pupil Support (KY)

Miss R McGinlay—Principal Teacher Pupil Support (LE)

Mrs Breddy - Principal Teacher Pupil Support (LO)

ACCOUNTING

Qualifications

National 5 (SCQF Level 5) | Higher (SCQF Level 6)

National 5 Accounting

What you'll learn: National 5 provides a solid foundation in accounting principles, introducing you to both financial and management accounting. You'll prepare basic financial statements for sole traders, use Microsoft excel, create budgets, and analyse straightforward business performance. This qualification develops essential numeracy and financial literacy skills that are valuable in everyday life and provides an excellent pathway to Higher Accounting.

Entry requirements: Pupils should be on pathway towards National 5 Mathematics.

Assessment: Course Assessment (exam) and Assignment

Higher Accounting

The course is structured around two complementary areas:

Financial Accounting: You'll prepare financial statements for various business structures, applying current accounting standards and regulations. This external reporting helps investors, lenders and other stakeholders assess an organisation's financial position and performance. You'll learn to analyse statements of financial positions, income statements and cash flow, developing the ability to read the financial story behind any business.

Management Accounting: You'll explore the internal accounting systems that managers use for planning, decision-making and control. This includes budgeting, cost analysis, variance reporting and performance evaluation. These techniques help businesses determine pricing strategies, assess project viability, and allocate resources effectively.

Entry Requirements: National 5 Accounting at Grade B or above, or National 5 Mathematics/Applications of Mathematics at Grade B or above.

Assessment Structure: Course Assessment (Examination) & Assignment

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Career Opportunities

Accounting skills lead to diverse career paths across multiple sectors:

- **Chartered Accountant (CA, ACCA, CIMA qualifications)**
- **Management Accountant**
- **Investment Banking**
- **Corporate Finance**
- **Actuarial Work (insurance and pensions)**

Course Overview

Understanding how money flows through organisations is one of the most valuable skills you can develop. Accounting gives you the analytical tools to prepare and interpret financial information, make sound business decisions, and develop expertise that's in high demand across every sector of the economy.

This course combines practical application with theoretical knowledge, preparing you to work with the same financial statements used by professional accountants. You'll analyse real business scenarios, evaluate financial performance, and develop the numerical and analytical abilities that employers consistently rank among their most sought-after skills.

Whether you're interested in business, technology, healthcare, creative industries or public service, every organisation needs people who can understand and communicate financial information effectively. The skills you develop here will serve you throughout your career and personal life - from evaluating job offers to managing investments.

Why Study Accounting?

Strong career prospects: Accounting and finance professionals consistently enjoy higher-than-average salaries and employment rates. Qualified accountants in Scotland typically earn between £40,000 and £100,000 +, with partnership positions commanding significantly more.

Transferable expertise: The analytical, numerical and problem-solving skills you develop are valued across all industries. You'll gain competencies that remain relevant regardless of how technology or the economy evolves.

Next Steps: If you're interested in developing valuable analytical skills, understanding how organisations operate financially, or pursuing careers in business and finance, Accounting offers excellent preparation.

Contact the Business Education department to discuss the course in more detail.

Further information can be found on www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

ADMINISTRATION & INFORMATION TECHNOLOGY

Qualifications

National 5 (SCQF Level 5) | Higher (SCQF Level 6)

National 5 Administration and IT
What you'll learn: National 5 introduces you to real-life administrative tasks and practical activities relevant to the workplace. You'll become proficient in Microsoft Office applications including Word, Excel, PowerPoint and Access, while developing understanding of administrative theory and practice. This dynamic qualification emphasises practical digital skills that employers expect from day one.
Entry requirements: No formal prerequisites, though experience with computers is beneficial
Assessment: Practical assignment and course assessment covering IT applications and administrative theory

Higher Administration and IT
What you ll learn: Higher builds significantly on ational , preparing you for senior administrative responsibilities. You ll master advanced features of Microsoft Office applications and explore emerging digital and social technologies used in contemporary workplaces. The course develops sophisticated digital literacy skills for processing, managing and communicating complex information effectively.

Core areas include:
Advanced IT Applications: Expert-level proficiency in Word, Excel, Access, and ower oint.
Administrative Theory and Practice: nderstanding organisational structures, decision-making processes, pro ect management techniques, and quality standards.
Information Management: Implementing efficient electronic file management systems, ensuring data integrity, evaluating information validity and reliability, and applying problem-solving techniques to business scenarios.
Legal and Regulatory Framework: nowledge of data protection legislation, cybersecurity requirements, copyright law, and reedom of Information obligations.
Entry Requirements: ational Administration and IT at Grade C or above Grade preferred , or relevant IT/business sub ect experience.
Assessment Structure: ractical Assignment and Course Assessment

Why Study Administration and IT?
niversal relevance: Every organisation needs people with strong administrative and IT skills. These competencies are genuinely transferable across all sectors and career paths.
Immediate workplace readiness: nlike theoretical sub ects, you ll develop practical skills that employers value from your first day of employment.
Digital confidence: Develop genuine expertise with professional software applications, moving far beyond basic user skills to become the person colleagues turn to for technical solutions.

If you re interested in developing practical skills that benefit any career path, gaining expertise in professional technologies, or pursuing business and administrative careers, this course offers excellent preparation.
Contact the usiness Education department to discuss the course in more detail.

Course Overview

In today's digital workplace, strong IT and organisational skills are essential across all industries. Administration and IT develops practical digital literacy alongside the administrative knowledge needed to support efficient, professional working environments.

This hands-on course builds confidence in workplace software, particularly the Microsoft Office Suite, focusing on using technology to manage information, solve problems, and communicate effectively. You will also develop an understanding of key workplace practices such as electronic file management, data security, health and safety, and professional communication. These transferable skills prepare you for modern employment, further study, or training, and remain valuable throughout your career.

Career Opportunities

Administration and IT skills open diverse career pathways:
- Business Administrator
- Project Coordinator
- IT Support Specialist
- Digital Marketing Coordinator
- Civil Service Administrative Officer

Progression

National 5 (Pass at A/B/C) → Higher

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

ART & DESIGN

Course Overview

The Art and Design course aims to provide a broad, investigative and practical experience of art and design.
Creativity is the key focus of the course. Candidates develop knowledge of art and design practice by studying artists and designers and their work. They also develop problem-solving skills, gain an understanding of expressive and design processes and accumulate and use a selection of related skills. The course provides opportunities for candidates to be inspired and creatively challenged through their work.

Career Opportunities

Art and Design students are creative individuals and many will go on to realise that this skill is valued in the creative industries and a global marketplace. Graduates become artists, designers, makers, engineers, architects, entrepreneurs, filmmakers, animators, broadcasters, curators, lecturers, teachers, photographers, editors and directors.

Progression

National 5 (Pass at A/B/C) → Higher (Pass at A/B/C) → Advanced Higher

Qualifications

National 5
The course integrates investigative and practical learning, and knowledge and understanding of art and design practice. Creativity is the key focus of the course. In the course, candidates draw upon their understanding of artists' and designers' work and practice. They follow art and design processes to develop their own creative work. They also reflect on and evaluate their creative processes and the qualities of their expressive and design portfolios.

The course comprises two areas of study: **Expressive** and **Design.**

Higher
The course has an integrated approach to learning. It combines investigative and practical learning with knowledge and understanding of art and design practice. Creativity is the key focus, with candidates developing a range of art and design techniques and complex problem-solving skills.

The course has two areas of study: **Expressive** and **Design.**

Advanced Higher - EXPRESSIVE
In this course, learners will engage in a creative and personally-selected expressive enquiry. They will explore the creative potential of their selected expressive stimuli and experiment with using materials, advanced techniques and/or technology to communicate and express their ideas in 2D and/or 3D formats.

The course provides opportunities for personalisation and choice by allowing learners to select creative and challenging contexts for self-directed learning. It allows learners to broaden and extend their creativity and critical thinking skills and to work independently in an area of personal interest. This distinct focus on sustained self-directed learning is part of the course's unique contribution to the learner's creative expressive development. During the course, learners will develop and refine a series of original and creative ideas and expressive artwork. Throughout their learning, pupils will have opportunities to develop informed views and personal opinions on artists' work and expressive art practice. They will demonstrate critical understanding of art practice and will research and investigate how specific artists develop and create expressive art work in response to external stimuli, including the environment, their surroundings, world events and social issues. They will use their knowledge of artistic practice to inspire their own expressive art work when expressing and communicating their thoughts, feelings and ideas, and responding in a personal and creative way to their stimuli, using art materials, techniques and/or technology to communicate meaning through their work.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

ART & DESIGN

Qualifications

Advanced Higher - DESIGN
The development of creativity is the main focus of this practical and experiential course. In this course, learners will engage in an intensive and personally-selected design enquiry. They will investigate and explore the creative opportunities and constraints of a selected design area, taking account of function, target market and aesthetics. They will experiment with using design materials, techniques and/or technology in sophisticated ways when developing and refining creative design ideas and solutions.

The course provides opportunities for personalisation and choice in selecting a creative and challenging context for self-directed learning. It allows learners to broaden and extend their creativity, design-based problem-solving and critical thinking skills, and to work independently. This distinct focus on sustained self-directed learning is part of the course's unique contribution to learners' creative development.
During the course, learners will develop informed views and personal opinions on designers' work and practice. They will respond in sophisticated and creative ways to the issues, opportunities and constraints of the design area when developing design ideas and solutions and resolving technical and design challenges. They will use their investigation into design practice to inspire them to develop and refine a progressive series of original design ideas and solutions in response to selected stimuli.

Course Overview

The Art and Design course aims to provide a broad, investigative and practical experience of art and design.
Creativity is the key focus of the course. Candidates develop knowledge of art and design practice by studying artists and designers and their work. They also develop problem-solving skills, gain an understanding of expressive and design processes and accumulate and use a selection of related skills. The course provides opportunities for candidates to be inspired and creatively challenged through their work.

Career Opportunities

Art and Design students are creative individuals and many will go on to realise that this skill is valued in the creative industries and a global marketplace. Graduates become artists, designers, makers, engineers, architects, entrepreneurs, filmmakers, animators, broadcasters, curators, lecturers, teachers, photographers, editors and directors.

Progression

National 5 (Pass at A/B/C) → Higher (Pass at A/B/C) → Advanced Higher

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

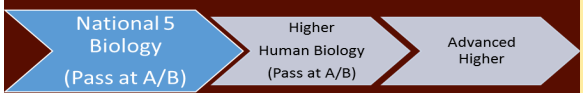
Course Overview

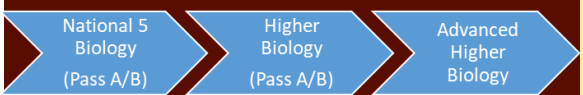
Biology - the study of living organisms - plays a crucial role in our everyday existence and is an increasingly important subject in the modern world. Biology affects everyone and aims to find solutions to many of the world's problems. Advances in technologies have made this varied subject more exciting and relevant than ever.

Biology courses encourage development of skills and resourcefulness, which lead to learners becoming confident individuals. Successful candidates in Biology think creatively and analyse and solve problems. Studying relevant areas of Biology such as health, environment and sustainability produces responsible citizens.

Career Opportunities

Studying biological sciences gives young people the opportunity to engage with a wide range of careers including medicine, dentistry, veterinary medicine, sports science, conservation, marine biology, and many more.





BIOLOGY

Qualifications

National 5
The course covers major areas of Biology, ranging from cells to whole organisms and the study of ecosystems. Focus on cellular level processes leads to an understanding of the importance and roles of the cell. By comparing the processes in multicellular plants and animals, candidates investigate increasing levels of complexity. The key areas of biodiversity and interdependence are covered, along with the processes leading to evolution, as well as food security and ethical issues.

National 5 Biology is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Higher - Human Biology
The course allows candidates to acquire a deeper understanding of cellular processes, physiological mechanisms and their impact on health, aspects of the nervous system, and defence mechanisms in human beings.

The course provides opportunities for candidates to acquire and apply knowledge to evaluate biological issues, assess risk, make informed decisions and develop an ethical view of complex issues.

Higher Human Biology is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Higher - Biology
Candidates develop an understanding of DNA and how the structure of the genome leads to the basis of evolution and biodiversity. Genomics is studied as one of the major scientific advances in recent times. Metabolic pathways and their control are considered along with the conditions in which organisms survive and their means of coping with these. The interdependence and complex interactions between organisms is explored and sustainable food production, with the fundamental process of photosynthesis at its core, is investigated.

The course uses an experimental and investigative approach to develop knowledge and understanding of concepts in Biology. The scale of topics ranges from molecular through to whole organism and beyond.

Higher Biology is assessed through an assignment (carried out under controlled conditions) and a final exam contributing 80% towards a candidate's final grade.

Advanced Higher
The course provides candidates with the opportunity to develop a deeper understanding of the cell by studying the key roles of proteins within the cell. This understanding of cellular processes is then related to physiological function. At the whole-organism scale, the course explores how sexual reproduction and parasitism are major drivers of evolution. This allows candidates to develop a deeper understanding of the mechanism of evolution.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

BUSINESS MANAGEMENT

Qualifications

National 5

ational introduces you to the fundamental principles of business operation across different sectors. You ll explore how organisations are structured, how they market their products and services, manage their workforce, and handle financial decisions. Through studying real businesses, you ll understand the role of enterprise in society and develop awareness of the factors that contribute to business success or failure.

ey areas covered: usiness structures and ob ectives, entrepreneurship, marketing activities, human resource management, financial management, and the external factors affecting business decisions.

Assessment: upils should be on pathway towards ational English.

Entry requirements: o formal prerequisites, though interest in current affairs and commerce is beneficial.

Higher

Higher usiness extends your understanding of how organisations operate by developing the skills needed to analyse complex business challenges and strategic decision-making. You will examine how businesses function in competitive markets, respond to economic change, and adapt to modern business environments.
The course is structured around key business functions, including understanding the role and ob ectives of organisations across sectors managing people through effective recruitment, motivation, leadership, and employment law interpreting financial information and sources of finance analysing marketing through research, segmentation, and the marketing mix and understanding operations through production methods, quality management, technology, and ethical and environmental considerations.

Entry Requirements:
S : ational usiness Management at Grade C or above Grade preferred .
S : ational usiness Management at Grade C or above Grade preferred or ational English.
Assessment Structure: Assignment: In-depth analysis of a real business organisation Course Assessment: Examination covering all course content.

Why Study Business Management?
Entrepreneurial development: Whether you dream of starting your own business or simply want to think entrepreneurially within employment, this course develops the commercial acumen necessary for enterprise success.
niversal relevance: usiness skills and commercial awareness are valued across all career sectors.
eal-world application: nlike abstract sub ects, business management connects directly to the world around you. You ll understand news headlines, recognise marketing strategies, and make sense of economic developments.

This course provides a foundation in how organisations operate, develops commercial awareness, and supports management or entrepreneurial ambitions, offering skills relevant across all careers.
Contact the usiness Education department for more details.

Course Overview

usiness influences every aspect of modern life, from the products we buy to the services we use and the careers we pursue. nderstanding how organisations operate and make decisions is essential in today's economy, whether you aim to start a business, work in management, or build general commercial awareness.

This course explores how organisations in the private, public, and third sectors operate in competitive and Changing environments. Through real-world case studies, you will analyse business decision-making in areas such as marketing, finance, human resources, and operations, while developing strategic thinking and an entrepreneurial mindset focused on innovation, opportunity, and problem-solving. The course equips you with a strong understanding of how businesses function and the skills valued by employers across all sectors.

Career Opportunities

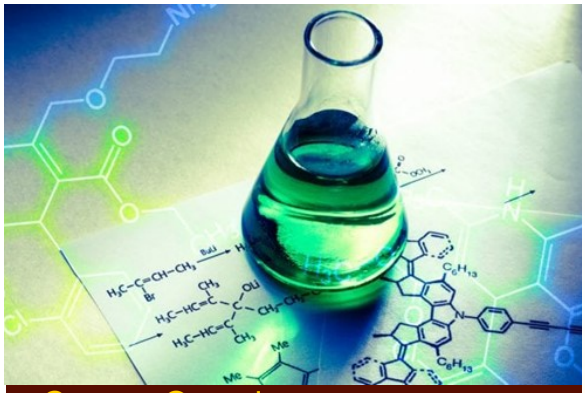
usiness Management provides foundation knowledge for diverse career paths:

- usiness Manager/General Manager
- ro ect Manager
- inancial Analyst
- Supply Chain Manager
- usiness Owner/Director
- Social Entrepreneur

Progression

National 5 (Pass at A/B/C) → Higher

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html



Course Overview

Chemistry is the study of matter at the level of atoms, molecules, ions and compounds. These substances are the building blocks of life and all of the materials that surround us. Chemists play a vital role in the production of everyday commodities. Chemistry research and development is essential for the introduction of products. Studying Chemistry is of benefit not only to those pursuing a career in science, but also to those intending to work in areas such as the food, health, textile or manufacturing industries.

An experimental and investigative approach is used to develop knowledge and understanding of chemical concepts.

Career Opportunities

Studying Chemistry gives young people the opportunity to engage with a wide range of careers including medicine, dentistry, veterinary medicine, biochemistry, textiles, food industry, and many more.

Progression

National 5 Chemistry (Pass at A/B) → Higher (Pass at A/B) → Advanced Higher

CHEMISTRY

Qualifications

National 5
The purpose of the course is to develop candidates' curiosity, interest and enthusiasm for Chemistry in a range of contexts. The skills of scientific inquiry are integrated and developed throughout the course. The relevance of Chemistry is highlighted by the study of the applications of Chemistry in everyday contexts.

The course content includes the following areas of Chemistry: chemical changes and structure, nature's chemistry, and chemistry in society.

National 5 Chemistry is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Higher
Candidates learn concepts used to take a chemical process from the researcher's bench through to industrial production. Studying the mole allows the quantities of reagents required to be calculated, and the quantity of products predicted. By studying energy, rates and equilibria, candidates can suggest how reaction conditions can maximise the profitability of an industrial process. Candidates gain an understanding of chemical bonding and intermolecular forces that allows them to predict the physical properties of materials.

Higher is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Advanced Higher
The course develops scientific understanding of issues relating to Chemistry, and uses the development of chemical theory to build an extensive set of skills for learners. Through application of a detailed knowledge and understanding of chemical concepts in practical situations, learners develop an appreciation of the impact of Chemistry on their everyday lives.

Practical investigative skills are particularly important at this level. This is reflected in the opportunity to carry out high-quality experimental work within all the course units, and particularly in the Advanced Higher Researching Chemistry Unit, which incorporates both practical techniques and skills of scientific investigation.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

COMPUTING SCIENCE

Qualifications

National 5

ational introduces you to fundamental computational concepts and programming principles. You ll develop skills in software design, implementation and testing, learning to create programs that solve defined problems. The course covers key concepts including data types, control structures, algorithms, and basic database design.

Core areas include:

•Software Design and Development: nderstanding programming constructs, designing algorithms, implementing solutions in a high-level language and testing code systematically

•Computer Systems: Exploring how computer hardware and software interact, understanding data representation, and examining computer architecture

•Web Design and Development: Designing web pages using HTML and CSS, understanding user interface principles

Entry requirements: upils should be on a pathway towards ational Mathematics.

Assessment: Assignment and course assessment.

Higher

Higher Computing Science builds on your skills in programming, software development, and computational thinking, preparing you to tackle complex problems and design robust digital solutions. You'll master advanced programming techniques, including modular design, data structures, file handling, and systematic testing, while learning to read, understand, and modify existing code.

The course also covers computer systems, deepening your understanding of processor architecture, machine code, and how operating systems manage resources. You'll develop relational databases with linked tables, write complex SQL queries, and ensure data integrity and security. In web development, you'll create interactive multi-page websites using HTML, CSS, and JavaScript, applying client-side scripting for dynamic content.

Alongside technical skills, you'll explore contemporary issues in computing, including ethical considerations, societal impact, and emerging technologies shaping the digital landscape.

Entry Requirements: ational Computing Science at Grade C or above Grade preferred .

Assessment Structure: Assignment: Software development pro ect demonstrating design, implementation, and testing Course Assessment: Examination covering all course content

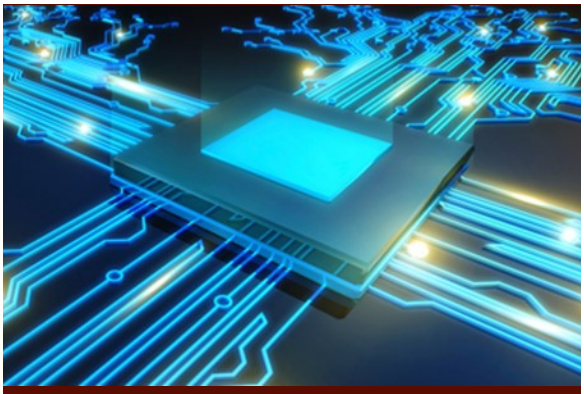
Advanced Higher

Advanced Higher develops sophisticated programming expertise and prepares you for university-level computer science. You ll undertake substantial software development pro ects, explore advanced algorithms and artificial intelligence concepts, and conduct independent technical research.

This qualification is particularly valuable for students intending to pursue computer science or software engineering at university, providing both advanced technical skills and academic pro ect experience.

Entry Requirements: Higher Computing Science at Grade or above

Assessment Structure: ro ect work and examination



Higher Computing Science builds on your skills in programming, software development, and computational thinking, preparing you to tackle complex problems and design robust digital solutions. You'll master advanced programming techniques, including modular design, data structures, file handling, and systematic testing, while learning to read, understand, and modify existing code.

The course also covers computer systems, deepening your understanding of processor architecture, machine code, and how operating systems manage resources. You'll develop relational databases with linked tables, write complex SQL queries, and ensure data integrity and security. In web development, you'll create interactive multi-page websites using HTML, CSS, and JavaScript, applying client-side scripting for dynamic content.

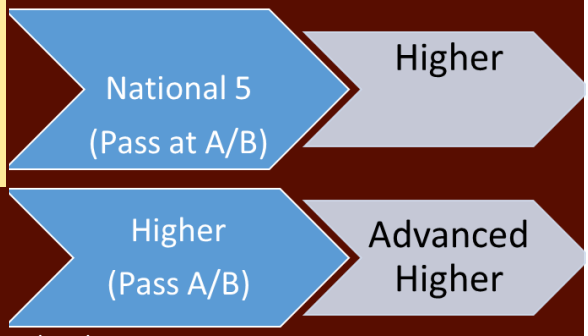
Alongside technical skills, you'll explore contemporary issues in computing, including ethical considerations, societal impact, and emerging technologies shaping the digital landscape.

Career Opportunities

Computing Science skills lead to diverse, high-demand careers:

- Software Engineer/Developer
- Web Developer
- Games Developer
- Data Scientist/Analyst
- Chief Technology Officer

Progression



Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

CYBER SECURITY

Course Overview

Cyber security is a critical challenge in today's digital world, with organisations and individuals constantly at risk from data theft, fraud, service disruption, and online scams. This course develops the skills to protect systems, networks, and data, teaching you to think like both a defender and an ethical attacker to identify vulnerabilities safely, legally, and responsibly.

You'll gain practical knowledge of cyber hygiene, risk management, and legal and ethical frameworks, preparing you to safeguard organisations and yourself. With cyber threats growing in scale and sophistication, professionals with these skills are in high demand across every sector, making this course essential for anyone interested in IT or digital security.

Career Opportunities

Cyber security skills open doors to high-demand, well-compensated careers:

- Cyber Security Analyst
- Digital orensics Investigator
- Threat Intelligence Analyst
- olice cyber crime units
- Military cyber defence

Progression

Level 4 → Level 5 → Level 6

Qualifications

National Progression Award (Level 4,5 & 6)

What You ll Learn Across the Levels

Data Security
These units introduce real-world practices for protecting personal and corporate data. You'll explore practical security methods alongside the legal and ethical responsibilities involved in handling sensitive information.
Digital orensics
These units develop skills in examining digital evidence. You'll learn to identify, analyse, and interpret data from various devices and media, maintaining the integrity of evidence and reporting findings accurately.
Ethical Hacking

These units teach the tools and techniques used by both malicious and ethical hackers. You'll understand potential threats, implement defence strategies, and evaluate the legal and ethical frameworks governing cyber security in Scotland, the , and the E .

Entry Requirements:
• Level : o formal prerequisites
• Level : Completion of Level or equivalent experience
• Level : Completion of Level or relevant ational /Higher Computing Science

Assessment: ractical assessments demonstrating security analysis skills, along with knowledge-based assessments covering theory and legal/ethical considerations

Why Study Cyber Security?
Critical skills shortage: The faces a severe shortage of cyber security professionals, with thousands of unfilled positions. Organisations across all sectors desperately need people with these skills, creating exceptional career prospects.

Excellent salaries: Entry-level cyber security positions typically offer , - , , with experienced professionals earning , - , . Senior security specialists and consultants can command , . These are among the highest-paying roles in technology.

Job security: As long as technology exists, cyber threats will exist. These skills are genuinely future-proof, with demand pro ected to grow substantially over coming decades.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

DRAMA

Qualifications

National 5
Throughout the course, candidates explore and develop a range of dramatic skills and approaches to communicating thoughts and ideas to an audience. They develop a range of acting skills in relation to portraying characters. They learn how to respond to stimuli, including text, and develop knowledge, understanding and practical experience of form, structure, genre and conventions when creating and presenting drama.

Higher
The Higher Drama course aims to enable learners to generate and communicate thoughts and ideas when creating drama, develop a knowledge and understanding of social and cultural influences on drama and develop complex skills in presenting and analysing drama. Throughout the course pupils develop knowledge and understanding of complex production skills when presenting drama, and explore form, structure, genre and style.

Advanced Higher
The Advanced Higher course is designed to deepen students' understanding of drama and theatre. It focuses on both the practical and theoretical elements of the subject, allowing learners to engage in various forms of theatrical expression.

Course Overview

Drama provides opportunities for learners to develop skills in creating and presenting drama.

There is a focus on the development and use of increasingly complex drama and production skills to present drama.

Drama encourages candidates to exercise imagination and creativity. Pupils develop important skills, attitudes and attributes, including creativity and adaptability, independent learning skills, critical thinking, enthusiasm, and confidence. Pupils also develop practical skills in creating, presenting, producing and evaluating drama, and are encouraged to be creative and to express themselves in different ways. Learning through drama helps candidates to appreciate cultural values, identities and ideas.

Career Opportunities

Studying Drama gives young people self-confidence, the chance to use their imagination and develop their communication and cooperation. These skills are vital to a whole range of career paths both in the theatre industry and outwith the industry, such as in education, law, media, journalism, business and politics.

Progression

Drama National 5 (Pass at A/B) → Higher Drama

English National 5 (Pass at A/B/C) → Crash Higher Drama

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

ENGLISH

Course Overview

The English course aims to build upon and extend the essential literacy life skills of listening, reading, writing and talking and to develop learners' abilities to understand, analyse, evaluate and make use of language independently. Learners will read, listen to, discuss and write about literature, language and media from Scotland and around the world. They will study a variety of texts, both fiction and non-fiction.

Career Opportunities

Studying English gives young people access to the wider curriculum with particular links to languages, philosophy and the social sciences. It is excellent preparation for the workplace and for further study at college and university. The opportunity to pursue further studies may lead to careers in fields including commerce and industry, education, journalism, law, marketing, media and politics.

Progression

Qualifications

National 4
The National 4 English course builds on the experiences and outcomes of English and Literacy in the Broad General Education.

The course aims to develop learners' ability to understand, analyse and evaluate straightforward written and spoken language texts by exposing learners to a wide variety of fiction and non-fiction texts. Learners will create and produce texts and take part in solo presentation and group discussion tasks.

Learners will also develop their independent research and thinking skills when investigating a topic of their choice.

National 5 English
Throughout this course, candidates develop the skills required to understand, analyse and evaluate texts, including Scottish texts. Candidates will study literature, language and media. Learners will apply their knowledge about how texts are created to produce a folio of their own work and to participate in spoken performance tasks.

National 5 Literacy
The purpose of the National 5 Literacy Award is to motivate and challenge candidates to develop reading, writing, talking and listening skills useful for learning, life and work. This is an internally-assessed course which is valued by employers and colleges.

Higher
The Higher English course develops, deepens and extends the skills of listening, talking, reading and writing in order to understand, analyse, evaluate and use language. Texts which learners are expected to understand and analyse and to create themselves are more complex and pupils are required to develop their skills in working independently.

Advanced Higher
The Advanced Higher English course aims to provide learners with the opportunity to develop complex language skills, to develop their ability to interpret complex literature and to produce sophisticated language.
The course will provide learners with the opportunity to apply critical, analytical and evaluative skills to a wide range of complex and sophisticated texts from different genres. Learners will also develop sophisticated writing skills in a variety of different types of writing.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

ENTERPRISE & EMPLOYABILITY

Qualifications

National Progression Award (SCQF Levels 5 & 6)

What You'll Learn and Experience
• Personal Development – Self & Work: Understand your strengths, set goals, and develop professional attitudes.
• Enterprise Skills: Build creativity, initiative, and problem-solving through practical business activities.
• Skills for Customer Care: Learn effective communication and how to meet customer needs.
• Working for Yourself: Explore the essentials of starting and managing your own business.
Together, these units develop practical, transferable skills valued by employers and entrepreneurs alike.
Entry Requirements:
• Level 5: No formal requirement.
• Level 6: Completion of Level 5 or demonstrable readiness for more independent work
Assessment: Continuous assessment.

Why Study Enterprise & Employability?

Immediate practical value: Unlike subjects that primarily prepare you for further study, this course develops skills you can use immediately.

Employer demand: Research consistently shows employers prioritise skills such as communication, reliability, teamwork, problem-solving - often above academic qualifications. This course explicitly develops these capabilities.

Entrepreneurial foundation: If you harbour ambitions to run your own business, this course provides essential understanding of what enterprise involves and develops the mindset needed for entrepreneurial success.

Next Steps
If you want to develop practical skills that make you genuinely employable, gain confidence in workplace settings, explore potential career directions through real experience, or build foundation for entrepreneurial ambitions, Enterprise and Employability offers valuable preparation.
Contact the Business Education department to discuss the course in detail.

Course Overview

Employers value practical skills, adaptability, and a professional attitude. This course develops these capabilities, giving you the transferable skills and personal qualities needed for employment, self-employment, or further study.

Through hands-on experience, enterprise activities, and community projects, you'll build teamwork, communication, problem-solving, self-management, and professional conduct. The course also focuses on personal development, helping you identify strengths, set goals, and reflect on your growth to present yourself confidently and meet workplace expectations.

Career Opportunities

Enterprise and Employability enhances your prospects across all career paths:

• Sales and marketing roles

• Starting your own business in areas matching your interests and skills

• Social enterprise initiatives addressing community needs

• Online businesses and digital entrepreneurship

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

ENVIRONMENTAL SCIENCE

Course Overview

Environmental Science is an interdisciplinary subject which involves Sciences and Social Subjects. Environmental scientists are involved in tackling issues such as global climate change, pollution, use of land and water resources, and changes in wildlife habitats. Successful candidates in Environmental Science think creatively, analyse and solve problems. Studying relevant areas of environmental science such as the living environment, the Earth's resources and sustainability helps to produce responsible citizens.

The course provides opportunities for candidates to apply their knowledge, to evaluate environmental issues, and to make informed decisions. This can lead to candidates developing an informed and ethical view of topical issues.

Career Opportunities

Studying Environmental Science gives young people the opportunity to engage with a wide range of careers including conservation, geography, geology, business, energy industry, geopolitics and many more.

National 5 Biology/Geography (Pass A/B) → Higher Environmental Science

Qualifications

National 5
Environmental Science allows candidates to investigate key areas of the living environment. Through studying the rock cycle, students understand how the Earth was formed and how this impacts on the world around us. In the Sustainability unit, young people are encouraged to examine their own impact on the planet and suggest solutions to major world issues such as climate change.

National 5 Environmental Science is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Higher
The course provides opportunities for candidates to investigate key areas of the living environment, such as biodiversity and interdependence. Through the Earth's systems, candidates will investigate resource issues in the geosphere, hydrosphere, biosphere and atmosphere. Sustainable development is explored through food, water and energy security as well as investigating issues relating to waste generation and management.

The course has strong interdisciplinary links and develops skills, knowledge and understanding in relevant areas of Science and Social Subjects.

Higher is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

GEOGRAPHY

Qualifications

National 4
National 4 Geography develops learners' knowledge and understanding of our changing world and its human and physical processes. Opportunities for practical activities, including fieldwork, will be offered, so that learners can interact with their environment.

National 5
National 5 Geography introduces candidates to our changing world, its human interactions and physical processes. Candidates develop the knowledge and skills to enable them to contribute to their local communities and wider society. The study of Geography fosters positive lifelong attitudes of environmental stewardship, sustainability and global citizenship. Practical activities, including fieldwork, provide opportunities for candidates to interact with their environment.

Higher
Higher Geography develops candidates' understanding of our changing world, its human interactions and physical processes. Practical activities, including fieldwork, provide opportunities for candidates to interact with their environment. The Higher course encourages positive lifelong attitudes of environmental stewardship, sustainability and global citizenship. The course provides candidates with the skills, knowledge and understanding to contribute effectively to their local communities and wider society.

Advanced Higher
The purpose of Advanced Higher Geography is to develop the learner's understanding of our changing world and its human and physical processes. Opportunities for practical activities, including fieldwork, will be essential parts of this course, so that learners can interact with their environment. This course will provide learners with the knowledge and skills to enable them to engage with challenging issues in their local communities and wider society.

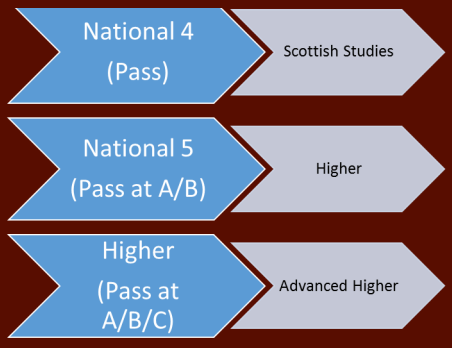
Course Overview

Geography fosters positive lifelong attitudes of environmental stewardship, sustainability and global citizenship. This qualification will furnish learners with the knowledge and skills to enable them to contribute effectively to their local community and wider society.

Career Opportunities

Studying Geography can lead to a great number of careers including cartography, commercial/residential surveying, Environmental consultancy, government, HR, teaching and town planning.

Progression



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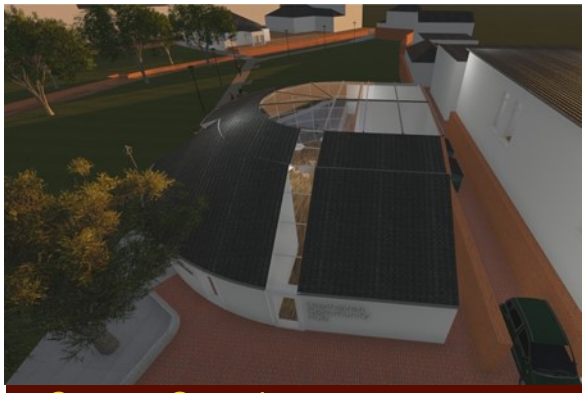


GRAPHIC COMMUNICATION

Course Overview

Graphic Communication is the visual language that shapes the world around us, from buildings and products to apps and advertising. This course develops your ability to communicate ideas visually using both traditional drawing techniques and industry-standard digital tools.

You'll transform concepts into reality by creating technical drawings, promotional graphics, and 3D visualisations, combining creativity with precision. Whether sketching by hand or producing detailed CAD designs, you'll learn when visual impact or technical accuracy is most important.

The course also explores Graphic Communication as a global language and introduces emerging technologies, such as virtual reality and 3D printing, that are changing how we design and communicate ideas.

Career Opportunities

Graphic Communication skills lead to diverse, creative careers:

- Architect
- Landscape Architect
- Urban Planner
- Product Designer
- Design Engineer

National 5 (Pass at A/B/C) → Higher (Pass at A/B) → Advanced Higher

Qualifications

National 5

National 5 develops core skills in graphic communication through practical, creative problem-solving in both 2D and 3D contexts. You will work with manual and digital media to produce clear and effective graphic solutions, building confidence across a range of techniques and platforms.

Skills developed:
You will develop freehand sketching, rendering, perspective drawing, and visualisation skills; create technical drawings using CAD software and recognised conventions; produce vector graphics and promotional materials; design layouts using desktop publishing software; apply basic technical drawing principles such as orthographic projection and dimensioning; and create and manipulate simple 3D models.

Knowledge and understanding:
Learners develop an understanding of graphic communication standards, conventions, and processes, and explore how graphic communication is used across industries and impacts everyday life.

Entry requirements:
No formal prerequisites. An interest in creativity, design, and problem-solving is beneficial.

Assessment:
Practical assignment demonstrating graphic communication skills, plus course assessment covering practical and theoretical understanding

Higher

Higher Graphic Communication builds on National 5 by extending technical skills and introducing a stronger focus on design principles, audience, and purpose. You will apply advanced 2D and 3D techniques to produce industry-standard graphic work, linking academic learning to real-world and professional contexts.

Skills developed:
Learners produce complex technical drawings, multi-page publications, promotional graphics, brand identities, 3D models, rendered visualisations, product designs, and architectural presentations. Design elements such as colour theory, typography, layout, and visual hierarchy are applied to communicate effectively with different audiences.

Knowledge and understanding:
The course develops awareness of professional workflows, quality standards, client requirements, and emerging technologies, supporting progression to further study or related career pathways.

Entry requirements:
National 5 Graphic Communication at Grade C or above (Grade B preferred), or relevant experience.

Assessment:
Assignment demonstrating integrated 2D and 3D graphic communication skills, plus course assessment.

Advanced Higher

Advanced Higher Graphic Communication reflects professional graphic practice, with a strong emphasis on client needs, audience, and justification of design decisions. Learners work independently and collaboratively to develop detailed proposals and present solutions to a professional standard.

Skills developed:
You will produce complex engineering or architectural drawings using advanced CAD and recognised conventions, develop comprehensive brand identity systems and visual communication for print and digital media, and apply user experience (UX) principles. The course also strengthens project planning, time management, collaboration, and professional presentation skills.

Knowledge and understanding:
Learners demonstrate critical thinking, creativity, and technical competence while responding to commercial, technical, and design constraints.

Entry requirements:
Higher Graphic Communication at Grade B or above.

Assessment:
Major project involving a client-focused brief and professional presentation, plus course assessment.

Next Steps
If you're interested in visual communication, enjoy combining creativity with technical precision, want to develop skills applicable across numerous industries, or aspire to careers in design, engineering, architecture, or creative fields, Graphic Communication offers excellent preparation. Contact the Design, Engineering and Technology department to see examples of student work, discuss the software and equipment used.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

HISTORY

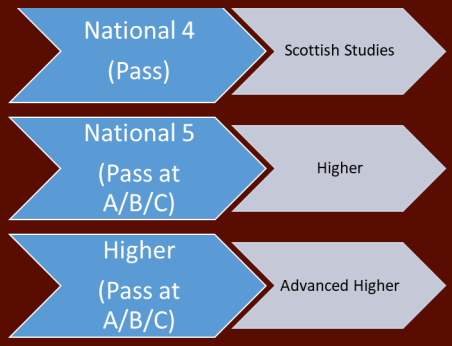
Course Overview

The purpose of History is to provide learners with insights into their own lives and the society in which they live. By examining the past, they discover their heritage as members of a community, a country and the wider world. History provides learners with both a perspective on, and an understanding of, the forces which have shaped their own society and societies in other countries.

Career Opportunities

Studying History can lead to careers in media, government, heritage organisations, conservations, teaching, museums, the police and law.

Progression



Qualifications

National 4
Throughout this course, candidates will acquire breadth and depth in their knowledge and understanding of the past through the study of Scottish, British, European and world contexts in a variety of time periods. Options cover topics from the later modern periods and include elements of political, social, economic and cultural history. The approach developed and the understanding gained can be applied to other historical settings and issues.

National 5
National 5 History provides candidates with discipline-based knowledge and understanding of historical events, and helps candidates to function as effective contributors to society. They develop important attributes such as self-confidence, an open mind and respect for the values, beliefs and cultures of others, an openness to new types of thinking and ideas, and a sense of responsibility and global citizenship.

The course emphasises the development and application of skills. Evaluation of a wide range of sources develops thinking skills. Using and synthesising information develops skills in literacy.

Higher
Candidates acquire breadth and depth in their knowledge and understanding of the past through the study of Scottish, British, European and world contexts in a variety of time periods. Options cover topics from the later modern periods, and include elements of political, social, economic and cultural history. Candidates develop an approach and understanding that they can apply to other historical settings and issues.

Advanced Higher
The course makes a distinctive contribution to the curriculum by engaging in the issues which arise from significant historical events and developments. The depth of study enables learners to engage fully in historical debate, and thereby develop a deeper appreciation of the forces which have shaped historical developments.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

HOSPITALITY—PRACTICAL COOKERY

Qualification

National 5
This course aims to develop candidates' life skills, enhance their personal effectiveness in terms of cookery and to provide a set of skills for those who wish to progress to further study in hospitality. In preparing candidates for life, the course anticipates their future needs and enables them to learn how to plan, prepare and cook food for themselves and others. It also develops organisational skills, which have an application in a wide variety of contexts.

The course aims to enable candidates to:

* use a range of cookery skills, food preparation techniques and cookery processes when following recipes
* select and use ingredients to produce and garnish or decorate dishes
* develop an understanding of the characteristics of ingredients and an awareness of their sustainability
* develop an understanding of current dietary advice relating to the use of ingredients
* plan and produce meals and present them appropriately
  work safely and hygienically

The course contains a significant practical component, which involves experiential learning supported by related theory. It uses real-life hospitality contexts, relevant to the world of work.

Course Overview

This course is designed for those who are interested in food and cooking and who enjoy being creative with food. Learners who have chosen to follow it may wish to utilise their cookery knowledge and skills at home, in the wider community or, ultimately, in the Hospitality industry.

Career Opportunities

Its contribution to vocational education is important because it allows progression to a range of careers in hospitality. Organisational skills, which have application in a wide variety of contexts, are developed. The course also supports the wider curriculum through developing candidates' understanding of the importance of sustainable ingredients.

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

Course Overview

The Mathematics course aims to build upon and extend mathematical skills, knowledge and understanding in a way that recognises problem-solving as an essential skill and enables learners to integrate their knowledge of different aspects of the subject. Learners will develop the skills necessary to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions. Learners will develop skills in logical reasoning, analysis, problem-solving skills, creativity, and the ability to think in abstract ways.

Career Opportunities

Learning Mathematics gives young people access to the wider curriculum and the opportunity to pursue careers in fields including accountancy, data analysis, science, statistics, surveying, technology and engineering.

Progression

National 5 Mathematics (Pass A/B) → Higher Mathematics (Pass A/B) → Advanced Higher Mathematics

MATHEMATICS

Qualifications

National 4

The National 4 Mathematics course builds on the principles, practice, experiences and outcomes of Mathematics and Numeracy.

The course aims to motivate and challenge learners by enabling them to select and apply straightforward mathematical skills in a variety of mathematical and real-life situations. Learners will be enabled to use numerical data and abstract terms, and develop the idea of generalisation; they will interpret, communicate and manage information in mathematical form. The course also aims to develop the learner's skills in using mathematical language, to explore straightforward mathematical ideas, and develop skills relevant to learning, life and work in an engaging and enjoyable way.

The course would be suitable for learners who have experienced breadth and depth of learning across Mathematics experiences and outcomes, or who have attained the National 3 Lifeskills Mathematics course award, or have equivalent qualification or experience.

On successful completion of this course, the learner could progress to:

- National 5 Mathematics
- National 5 Mathematics: Applications
- Numeracy (National 5) Unit

Mathematics has applications in many subject areas, and skills developed in this course could support progression in this and other curriculum areas. These skills can also support progression into Skills for Work courses, National Progression Awards, National Certificate Group Awards, and employment.

National 5

Throughout this course, candidates acquire and apply operational skills necessary for developing mathematical ideas through symbolic representation and diagrams. They select and apply mathematical techniques and develop their understanding of the interdependencies within Mathematics.

Candidates develop mathematical reasoning skills and gain experience in making informed decisions.

This is a suitable course for learners who have achieved the fourth level of learning across the Mathematics experiences and outcomes in the broad general education, or who have attained the National 4 Mathematics course, or who have equivalent qualifications or experience.

This course is particularly suitable for learners who wish to develop mathematical techniques for use in further study of Mathematics or other curriculum areas, or in workplaces.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

MATHEMATICS

Qualifications

Higher
This course is suitable for students who wish to study STEM subjects at university. Please check the requirements for your university course.

The Higher Mathematics course develops, deepens and extends the mathematical skills necessary at this level and beyond. Throughout this course, candidates acquire and apply operational skills necessary for developing mathematical ideas through symbolic representation and diagrams. They select and apply mathematical techniques and develop their understanding of the interdependencies within Mathematics.

Candidates develop mathematical reasoning skills and gain experience in making informed decisions.

This course is particularly suitable for candidates who:

- have demonstrated an aptitude for National 5 Mathematics
- are interested in developing mathematical techniques to use in further study or in the workplace

Advanced Higher
This course will develop, deepen and extend the mathematical skills necessary at this level and beyond.
Learners will acquire and apply operational skills necessary for exploring more complex mathematical ideas. In addition, learners will develop mathematical reasoning skills and will gain experience in logical thinking and methods of proof.

Course Overview

The Mathematics course aims to build upon and extend mathematical skills, knowledge and understanding in a way that recognises problem-solving as an essential skill and enables learners to integrate their knowledge of different aspects of the subject. Learners will develop the skills necessary to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions. Learners will develop skills in logical reasoning, analysis, problem-solving skills, creativity, and the ability to think in abstract ways.

Career Opportunities

Learning Mathematics gives young people access to the wider curriculum and the opportunity to pursue careers in fields including accountancy, data analysis, science, statistics, surveying, technology and engineering.

Progression

National 5 Mathematics (Pass A/B) → Higher Mathematics (Pass A/B) → Advanced Higher Mathematics

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

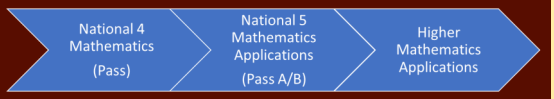
Course Overview

The Mathematics course aims to build upon and extend mathematical skills, knowledge and understanding in a way that recognises problem-solving as an essential skill and enables learners to integrate their knowledge of different aspects of the subject. Learners will develop the skills necessary to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions. Learners will develop skills in logical reasoning, analysis, problem-solving skills, creativity, and the ability to think in abstract ways.

Career Opportunities

Learning Mathematics gives young people access to the wider curriculum and the opportunity to pursue careers in fields including accountancy, data analysis, science, statistics, surveying, technology and engineering.

Progression



MATHEMATICS: Applications

Qualifications

National 5 Mathematics - Applications

The purpose of the National 5 Applications of Mathematics course is to motivate and challenge candidates by enabling them to think through real-life situations involving Mathematics and to form a plan of action based on logic.

The mathematical skills within this course are underpinned by numeracy, and designed to develop candidates' mathematical reasoning skills in areas relevant to learning, life and work.

This is a suitable course for learners who have achieved the fourth level of learning across the Mathematics experiences and outcomes in the Broad General Education, or who have completed the National 4 Mathematics course, or who have equivalent qualifications or experience.

This course is particularly suitable for learners who wish to develop mathematical techniques for use in further study of Mathematics or other curriculum areas, or in workplaces.

Higher Mathematics - Applications

This course is suitable for students who wish to study NON-STEM subjects at university. Please check the requirements for your university course.

The Higher Applications of Mathematics course focuses on developing the mathematical and analytical skills required in society and for the future workforce. The course develops candidates' quantitative and mathematical literacy, problem-solving skills and reasoning skills as they apply Mathematics in real-life contexts.

Applying Mathematics in real-life contexts includes identifying relevant information, formulating a problem in appropriate mathematical or statistical terms, selecting and applying tools correctly, finding solutions, interpreting solutions in the context of a problem, and evaluating the approach taken.

The skills, knowledge and understanding in the course supports learning and further study and builds confidence in a wide range of curricular areas, such as Humanities, Social Sciences, Healthcare, and Business.

This course is suitable for candidates:

* who have completed the National 5 Applications of Mathematics course or the National 5 Mathematics course
* interested in developing the mathematical reasoning and numerical skills that are useful in other curriculum areas and workplaces

This course is particularly suitable for candidates who:

* have demonstrated an aptitude for Higher Mathematics
* are interested in developing mathematical techniques to use in further study or in the workplace

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

MODERN LANGUAGES: FRENCH & SPANISH

Qualifications

National 4
The course consists of the units listed below. All pupils will also complete an Added Value Unit, wherein pupils will use their language skills to investigate and make a short report on a chosen topic in French/Spanish.

Understanding Language: This develops your ability to read and listen to written and spoken French/Spanish.

Using Language: This develops your ability to talk and write in French/Spanish.

National 5
The course consists of the contexts listed below. Each component (Reading, Listening, Talking and Writing) is worth 25% of a pupil's overall mark. The Writing Assignment and Speaking exam are completed before the final exam.

Society: Family and friends, lifestyles, media, global languages and citizenship.

Learning: Education in France and Spain.

Employability: Jobs, work and CV.

Culture: Planning a trip, celebrations and events in another country, literature of another country (poems, songs and stories), film and television.

Higher
The Higher qualification in French/Spanish gives learners the opportunity to reach a stage where the language is used independently in confident and flexible ways. The course develops communicative competence to a level of some sophistication in a range of situations. Learners focus on developing their confidence in using French/Spanish in the contexts of Society, Learning, Employability and Culture. In an increasingly connected and multilingual world, where language skills are in scarce supply, a Modern Language qualification is in high demand. Qualifications in a Modern Language are now desirable in jobs where they were previously not necessary.

Advanced Higher
The Advanced Higher qualification in French/Spanish develops sophisticated abilities in using the language independently. The course offers learners the opportunity of developing their language skills within the contexts of Society, Learning, Employability and Culture. Learners further develop skills in expressing opinions and exchanging ideas, and begin to consider current affairs issues from the viewpoint of those living in France/ Spain. Further options include engaging with the literature or an aspect of the country seen through texts, and focusing on the use of French/Spanish at work.

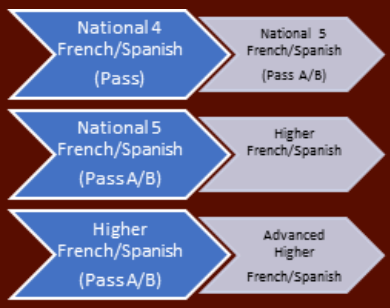
Course Overview

These Modern Languages courses provide learners with the opportunity to develop skills in listening, talking, reading and writing, which are essential for learning, work and life. Pupils will learn to use different media effectively for learning and communication, and to develop an understanding of how language works. Pupils will continue to develop a deeper understanding of core vocabulary and key grammar points. The course is designed to challenge and encourage pupils to be global citizens by enhancing their understanding and enjoyment of other cultures and their own.

Career Opportunities

Studying Modern Languages can lead to careers in areas such as journalism, interpreting, teaching, government and marketing.

Progression



Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

Course Overview

The purpose of Modern Studies is to develop a learner's knowledge and understanding of current political and social issues in local, Scottish, UK and international contexts. Learners will develop an awareness of the social and political issues they will meet in their lives.

Career Opportunities

Studying Modern Studies can lead to careers in areas as diverse as the media, government, HR, teaching, the police and law.

Progression

National 4 (Pass) → Scottish Studies

National 5 (Pass at A/B/C) → Higher

MODERN STUDIES

Qualifications

National 4
The purpose of National 4 Modern Studies is to develop the learner's knowledge and understanding of contemporary political and social issues in local, Scottish, United Kingdom and international contexts. In these contexts, learners will develop an awareness of the social and political issues they will meet in their lives. This purpose will be achieved through successful study of the four units of the course.

National 5
National 5 Modern Studies uses a multidisciplinary approach to develop candidates' knowledge and understanding of contemporary political and social issues in local, Scottish, United Kingdom and international contexts. Candidates develop the skills to interpret and participate in the social and political processes they will encounter in their lives.

Higher
Higher Modern Studies uses a multidisciplinary approach to develop candidates' knowledge and understanding of contemporary political and social issues in local, Scottish, United Kingdom and international contexts. Candidates develop the skills to interpret and participate in the social and political processes they encounter in their lives.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

MUSIC

Qualifications

National 5

The purpose of the National 5 Music course is to provide candidates with a broad practical experience of performing, creating and understanding music. The course enables candidates to work independently or in collaboration with others, to make decisions and to take responsibility for their own learning. The course aims to enable candidates to broaden their knowledge and understanding of music and musical literacy by listening to music and identifying level-specific musical concepts, signs and symbols, and to create and perform original music using compositional methods.

Higher

The Higher Music course has an integrated approach to learning and combines practical learning and understanding of music. Candidates draw upon their understanding of musical styles and concepts when performing and creating music. Candidates experiment with and use musical concepts in creative ways, within a range of compositional methods, as they compose original music and reflect on their creative choices. Through listening, they develop knowledge and understanding of a variety of musical styles, level-specific concepts, and signs and symbols used in musical notation. Candidates develop their performing skills on two selected instruments, or on one selected instrument and voice, through regular practice and reflection.

Advanced Higher

The Advanced Higher Music course enables learners to develop skills in performing, creating, understanding and analysing music. It enables learners to develop and extend their applied musical skills in challenging contexts and to develop greater depth of understanding of music through listening. It provides learners with the skills they need to perform challenging music with musical and technical accuracy and fluency, while realising the composers' intentions. It also provides learners with opportunities to develop composing skills in sophisticated and creative ways. Furthermore, the course also helps learners develop advanced aural skills, and demonstrate their understanding and analysis of music through researching and analysing complete movements or works.

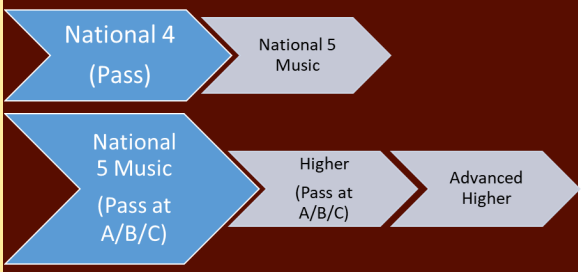
Course Overview

The Music course enables candidates to develop a breadth of knowledge and understanding of musical concepts and literacy. They learn to recognise and distinguish level-specific musical concepts, signs and symbols as they perform, create and listen to music. The course allows candidates to develop and consolidate practical skills in music and knowledge and understanding of musical styles and concepts. It encourages them to reflect and explore their creative ideas. Understanding music through listening enables candidates to build on and extend their knowledge and understanding of music. The course provides opportunities for candidates to perform music in solo and/or group settings.

Career Opportunities

Career opportunities within the Music industry include music producer, musician, session musician, composer, music researcher, sound engineer, A & R coordinator, Music teacher, music therapist, acoustician, musical director, conductor and music journalist.

Progression



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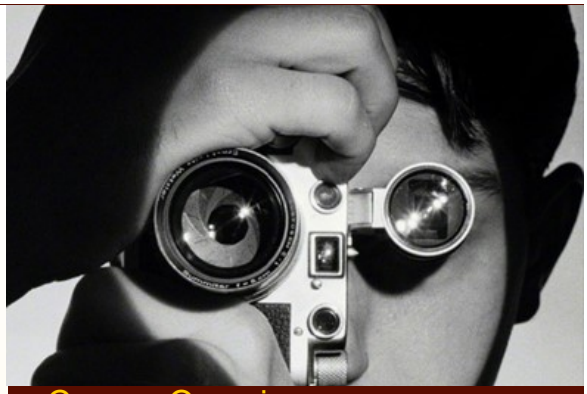
PHOTOGRAPHY

Qualifications

NPA Photography
This course is designed to focus on developing knowledge and understanding of practical photography and is aimed at pupils who may want to explore photography and study it at a more advanced level.

Higher Photography
The Higher Photography course encourages candidates to be inspired and challenged by the medium of photography. An integrated approach to learning means candidates plan, develop and produce creative and technically-proficient photographs. Candidates develop skills that are valuable for learning, life and work. The course also allows them to broaden their skills base, to widen their horizons and to expand the range of vocations available to them.



Course Overview

The Photography course allows candidates to develop knowledge and understanding of photographic media and camera techniques and processes when developing their creative practice. Candidates learn how social, cultural, historical, and scientific influences impact on photographers' work and practice. Candidates demonstrate technical photographic skills and show personal, creative responses when photographing a variety of subjects. They have opportunities to develop personal autonomy and critical-thinking skills, and learn to evaluate their own photographic work and practice.

Career Opportunities

Relevant employers can depend on your specialist photographic area, which may cover: commercial, fashion, fine arts, portrait, press, scientific and medical, sports and wildlife.

A large number of photographers are self-employed and work in a freelance capacity.

It's also possible to use your creative skills in related areas such as marketing, advertising, web design and digital marketing, where opportunities exist with a range of businesses and consultancies.

Progression

NPA Photography (Pass) → Higher Photography (Pass at A/B/C)

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

PHYSICAL EDUCATION

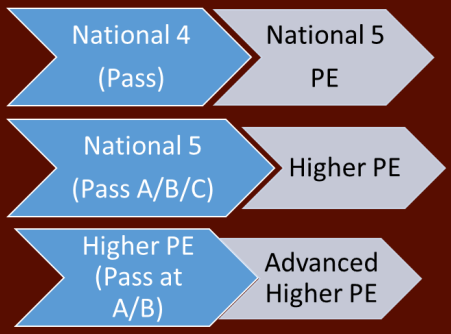
Course Overview

Physical Education aims to develop knowledge, understanding and application of physical skills and competencies. Building on previous experiences, learners will engage in a variety of activities which allow them to demonstrate individual ability and improve activity-specific skills. Learners will be provided with opportunities to gain insight into all aspects of sporting performance, including the impact of mental, social and emotional factors. Learners will develop the necessary skills to interpret and analyse information, solve problems, evaluate performance and think creatively.

Career Opportunities

Physical Education lends itself to a range of careers in areas such as sports science, PE teaching, physiotherapy, professional sport, sports coaching/ consultancy, diet and fitness instruction and personal training. Learners will acquire and apply interpersonal, leadership and communication skills necessary for exploring careers directly related to sport and beyond.

Progression



Qualifications

National 5
The National 5 course enables candidates to demonstrate and develop movement and performance skills in physical activities by engaging in practical activities. Learners will be required to demonstrate initiative and decision-making and problem-solving skills. Learners will select two activities, through which they will be assessed internally - this will account for 50% of their overall grade. Learners are required to complete a portfolio of written work, which is externally assessed - this accounts for the remaining 50% of the overall grade.

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Higher
The Higher course enables learners to demonstrate and develop a broad and comprehensive range of complex skills in challenging contexts in physical activities. Learners will select two activities, through which they will be assessed internally - this will account for 50% of their overall grade. Learners will then develop the ability to use strategies to make appropriate decisions for effective performance. These strategies will be based on an understanding of the impact of mental, emotional, social and physical factors on performance. Final assessment is an extended exam focusing on learner application of evaluative and analytical skills to familiar and unfamiliar contexts.

Advanced Higher
The purpose of the Advanced Higher course is to research factors which underpin and impact on performance. Pupils use this knowledge to help develop their own performance or that of others. To do this effectively, learners will engage in research and undertake independent investigative work, and develop skills of analysis, evaluation and communication. Learners will understand how to develop consistency of performance in challenging environments and become proficient in their ability to analyse and apply strategies and techniques to make appropriate decisions about their personal performance. The range of skills developed in the course will allow learners to work confidently and independently.

NPA Sports Development (SCQF Level 6)
The NPA Sports Development course is designed to equip candidates with the skills, knowledge and understanding required for progression to further academic and/or professional qualifications. The award will allow candidates to develop their leadership and communication skills. Learners will undertake research tasks on the concepts of Sports Development and Recreational Sport, take part in a number of national governing body coaching awards and complete a primary school placement. Learners must also commit to assisting at an extra-curricular club during or after school.

NPA Exercise and Fitness Leadership (SCQF Level 6)

The NPA Exercise and Fitness Leadership course is designed to support candidates wishing to pursue Exercise and Fitness as a possible career route, including personal training, applied sport science, sports therapy and recreation management. The course requires candidates to pass three units of work from cardio-vascular training, free weights training, fixed weights training and circuit training. In addition, candidates will work through a classrooms-based unit developing their knowledge and understanding of the skeletal and muscular system, This will form part of the assessment for the course award.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

PHYSICS

Qualifications

National 5
Physics gives candidates an insight into the underlying nature of our world and its place in the universe. From the sources of the energy we use to the exploration of space, the course covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology. An experimental and investigative approach is used to develop knowledge and understanding of concepts.

National 5 Physics is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

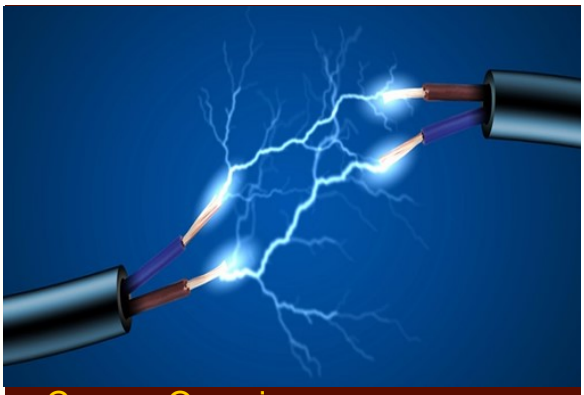
Higher
Higher candidates gain a deeper insight into the structure of the subject, and reinforce and extend their knowledge and understanding of the concepts of Physics. Advances in Physics mean that our view of what is possible is continually being updated. The course allows candidates to deepen their understanding of the processes behind scientific advances.

Candidates develop their ability to interpret physical phenomena using mathematical skills, and practise scientific methods from which general relationships are derived.

Higher Physics is assessed through an assignment (carried out under controlled conditions) worth 20% and a final exam contributing 80% towards a candidate's final grade.

Advanced Higher
The Advanced Higher course develops scientific understanding of issues relating to Physics, and uses the development of theory to build an extensive set of skills for learners. Through application of a detailed knowledge and understanding of concepts, in practical situations, learners develop an appreciation of the impact of Physics on their everyday lives.

Practical investigative skills are particularly important at this level. This is reflected in the opportunity to carry out high-quality experimental work within all the course units and particularly in the Advanced Higher project, which incorporates both practical techniques and skills of scientific investigation.



Course Overview

Physics is the study of matter, energy and the interaction between them. This involves asking fundamental questions and trying to answer them by observing and experimenting. This process leads to advances in our understanding of the world around us and often results in technological improvements, which enhance the lives of all. The study of Physics is of benefit not only to those who wish to pursue a career in Physics, but also to those pupils intending to work in areas such as health, energy, leisure and computing.

An experimental and investigative approach is used to develop knowledge and understanding of concepts in Physics.

Career Opportunities

Studying Physics gives young people the opportunity to consider a wide range of careers, including medicine, dentistry, veterinary medicine, optometry, and many more.

Progression

National 5 Physics (Pass at A/B) → Higher (Pass at A/B) → Advanced Higher

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

PRACTICAL METALWORK/WOODWORK

Course Overview

Metalworking skills are in high demand across construction, manufacturing, and automotive industries. From welding and fabrication to precision machining, the ability to work safely and accurately with metal opens doors to well-paid careers in sectors that are always hiring. The precision and hand skills you develop also transfer to other fields, with manual dexterity valued in careers from engineering to dentistry.
You'll learn to read technical drawings, select the right materials and tools, and create metal items to exact specifications. Through practical projects involving cutting, shaping, joining, and finishing metal, you'll develop technical skills and safe workshop practices. These are abilities valued across the metal trades, manufacturing, and any career where practical skills and precision matter.

Career Opportunities:

Practical Metalworking provides foundation skills for diverse career paths:

- Welder/Fabricator
- Mechanical Engineer
- Plumber/Pipe fitter
- Sheet Metal Worker

Woodworking - There's growing demand for people who can actually make things. From custom furniture makers to sustainable building practices, working with timber combines hands-on craft with real career potential. The precision and manual skills you develop also transfer beyond the workshop, valued in fields from architecture to dentistry. Whether you're interested in joinery, furniture design, or just want practical skills you can actually use, this course gets you working with wood from day one. You'll learn to read technical drawings, choose the right materials and tools, and create quality pieces

Career Opportunities:

Practical Woodworking provides foundation skills for diverse career paths:

- Joiner/Carpenter
- Cabinet Maker
- Construction Manager
- Set Designer/Builder

Qualification

National 5 (SCQF Level 5) Metalwork

National 5 Practical Metalworking introduces you to the fundamental skills and techniques required to work safely and accurately with metal. You'll learn to read and interpret drawings, select appropriate tools and materials, and manufacture quality metal items using a range of metalworking processes. Through practical projects, you'll develop precision engineering skills, understand material properties, and gain experience with fabrication and finishing techniques.

Key areas covered: Health and safety in the workshop, reading and interpreting drawings and specifications, measuring and marking out metal accurately, using hand tools, machines, and equipment safely and effectively, cutting, shaping, and forming metal, joining techniques including welding and mechanical fixings, applying surface finishes and treatments, and evaluating finished products against specifications.

Assessment: Practical activity involving the manufacture of a metal item to a given specification, demonstrating planning, manufacturing skills, and finishing techniques. Pupils should be capable of following technical instructions and working safely with tools and machinery.

Entry requirements: No formal prerequisites, though an interest in practical work and engineering is beneficial. Good spatial awareness and attention to detail are helpful.

National 5 (SCQF Level 5) Woodwork

National 5 Practical Woodworking introduces you to the fundamental skills and techniques required to work safely and accurately with wood. You'll learn to read and interpret working drawings, select appropriate tools and materials, and manufacture quality wooden items using a range of traditional and modern woodworking techniques. Through practical projects, you'll develop precision, craftsmanship, and an understanding of how different woods behave and can be worked.

Key areas covered: Health and safety in the workshop, reading and interpreting working drawings and diagrams, measuring and marking out timber accurately, using hand tools and portable power tools safely and effectively, woodworking joints and assembly techniques, applying finishes and surface treatments, and evaluating the quality of finished products.

Assessment: Practical activity involving the manufacture of a wooden item to a given specification, demonstrating planning, construction skills, and finishing techniques. Pupils should be capable of following technical instructions and working safely with tools.

Entry requirements: No formal prerequisites, though an interest in practical work and manual skills is beneficial. Good spatial awareness and attention to detail are helpful.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

PYSCHOLOGY

Course Overview

Psychology is the scientific study of human behaviour and mental processes. It explores how people think, feel, and act, helping us understand everything from learning and memory to mental health, relationships, and decision-making. Psychology plays a vital role in modern society, influencing education, healthcare, justice, business, and wellbeing.

This course introduces learners to psychological concepts, theories, and research methods, helping them understand why people behave the way they do. You will explore real-life psychological issues and apply knowledge to everyday situations, developing insight into both individual and group behaviour.

The National Progression Awards in Psychology focus on building analytical thinking, research skills, and ethical awareness. Learners develop the ability to interpret psychological information, evaluate evidence, and understand the responsibilities involved in studying human behaviour. These skills are highly transferable and valuable across a wide range of careers.

Psychology encourages **C**uriosity, empathy, and critical thinking. Whether you are interested in supporting mental wellbeing, understanding social behaviour, or progressing to further study, psychology provides a strong foundation for academic, professional, and personal development.

Career Opportunities

Psychology qualifications support progression into a wide range of fields, including:

- Psychologist
- Social Work and Youth Work
- Health and Social Care
- Criminal Justice and Policing

Qualifications

National Progression Award (Available at SCQF Levels 5 & 6)

What You'll Learn Across the Levels

Research Methods
You'll learn how psychologists investigate human behaviour using practical research techniques. This includes designing studies, collecting and analysing data, understanding variables, and applying ethical guidelines. The unit develops critical thinking and analytical skills essential for understanding and interpreting psychological research.

Conformity and Obedience
This unit explores why people follow social norms and obey authority. You'll examine classic and contemporary studies, consider ethical issues, and apply theories to real-life situations, from peer influence to workplace behaviour. The unit develops your ability to analyse human behaviour and understand the social factors that shape it.

Sleep and Dreams
In this unit, you'll investigate the psychology of sleep, dreaming, and circadian rhythms. Topics include the stages of sleep, theories of dreaming, and the effects of sleep on cognition and behaviour. You'll develop observational, analytical, and evaluative skills while exploring how biological and psychological processes influence everyday life.

Entry Requirements
- Level 5: National 5 English.
- Level 6: As above/completion of Level 5 or other relevant subject experience.

Assessment:
Unit-based assessments including practical activities, short reports, and knowledge-based assessments demonstrating understanding of psychological concepts, research methods, and ethics.

Why Study Psychology?
Understanding people: Learn how and why people behave as they do, improving interpersonal skills and self-awareness.
Wide career relevance: Psychology is relevant to careers in health, education, social care, business, law, sport, and criminal justice.
Social impact: Psychology contributes to improving mental health, wellbeing, equality, and quality of life in society.

Next Steps
If you are interested in understanding people, improving wellbeing, developing analytical skills, or progressing to further study or people-focused careers, Psychology offers an engaging and valuable pathway.
Contact the Faculty of Technologies to find out more about the Psychology NPA courses.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

RELIGIOUS MORAL & PHILOSOPHICAL STUDIES

Qualification

National 5 RMPS:

World Religions: Judaism – in this unit ,pupils will study the impact and significance of beliefs and practices on the lives of followers and the wider society. This will include knowledge and understanding of differences in practices and related beliefs within Judaism.

Morality and Belief: Morality and Relationships – in this unit, pupils will develop an in-depth knowledge and understanding of gender roles, sexual relationships, marriage and equality and exploitation. Pupils will be able to apply moral reasoning to respond to each of these topics.

Religious and Philosophical Questions: The problem or Evil and Suffering– in this unit, pupils will consider explanations of suffering and evil, including free-will, responsibility and natural causes. Pupils will also consider, problems for beliefs in God including how this may be a challenge to the nature and existence of God.

Higher RMPS:

World Religions: Buddhism – in this unit ,pupils will study the impact and significance of beliefs and practices on the lives of followers and the wider society. This will include knowledge and understanding of differences in practices and related beliefs within Buddhism.

Morality and Belief: Morality and Justice – in this unit, pupils will develop an in-depth knowledge and understanding of the causes of crime, purposes of punishment and responses to crime. Pupils will be able to apply moral reasoning to respond to each of these topics.

Religious and Philosophical Questions: Origins – in this unit, pupils will consider whether the universe and life were created. Pupils will explore religious views of the origins of the universe and life and explore the scientific view of Evolution and the Big Bang.

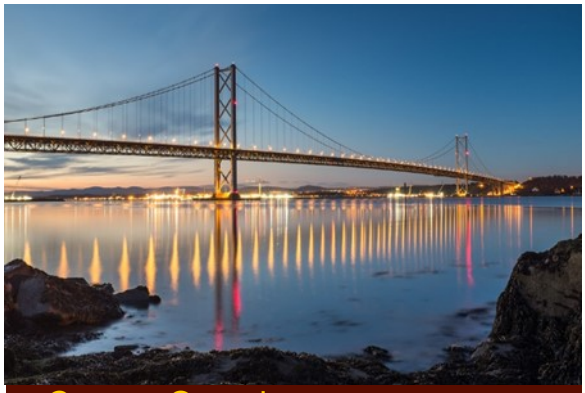
Course Overview

Religious, Moral and Philosophical studies provides pupils with the opportunity to examine religious ideas and practices, moral issues and dilemmas and some of life's big questions.

Career Opportunities

The skills developed in RMPS are excellent preparation for a variety of different careers. Some examples of careers where the skills developed in RMPS can be utilised include education, law, journalism, social work, medicine, police force, armed forces and retail.

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html



Course Overview

The Scottish Studies award provides opportunities for learners to develop their knowledge and understanding of Scotland — its people, languages (such as Scots and Gaelic), society, culture, natural environment and heritage — and to make connections across the curriculum. The award also provides recognition for learners who choose to make these connections by studying aspects of three subject areas in a Scottish context.

The Scottish Studies award is available at SCQF level 5. The award has a broad and flexible framework, providing scope for personalisation and choice, which reflects the range of subject areas that can be studied in a Scottish context.

SCOTTISH STUDIES

Qualification

Scottish Studies Award (SCQF Level 5)

The Scottish Studies Award consists of the following:

Unit 1: The Wars of Independence, 1286–1328

In this unit, students will study political change and military conflicts arising from the Wars of Independence, focusing on the roles of William Wallace and Robert the Bruce.

Unit 2: Democracy in Scotland and the United Kingdom

In this unit, students will evaluate a range of written, numerical and graphical sources of information in order to detect and explain the degree of objectivity in contemporary Scottish and UK political contexts.

Unit 3: The Scottish Tourism Product: An Introduction to the Heritage Industry in Scotland

In this unit, students will identify and evaluate a range of written, numerical and graphical sources of information as they identify key geographical and physical features, special-interest pursuits, distinct tourist areas and heritage centres in Scotland.

The Assignment – Scotland in Focus

The assignment will require students to extend and apply their skills, knowledge and understanding. It will be sufficiently open and flexible to allow for personalisation and choice. This element is mandatory and allows students to explore personal interests within a Scottish context.

Assessment Details

Each unit is internally assessed with external verification. To gain the course award, the student must pass all of the units as well as the course assessment. The course assessment will provide the basis for grading attainment in the course award.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

SKILLS FOR WORK: ENERGY

Qualification

National 5
Learners explore the various UK-based energy industries and develop practical skills by building a small-scale solar hot water system and wind turbine. They also develop their employability skills and review their strengths and weaknesses — which are then used to help suggest the most appropriate career for them within the energy sector.

There is an opportunity to specialise in one subject area, such as analysing your carbon footprint, developing a deeper knowledge of oil and gas production in the North Sea, or learning more about the conventional energy generation systems used in the UK.

Course Overview

There are many technologies used in the production of energy and this course has been designed to contain both an electrical generation practical/skills element using wind turbines and a heat generation practical/skills element using solar panels. These elements were selected to ensure learners receive a range of skills using different technologies that are involved in the generation of energy. Other systems used to generate energy from both the traditional/conventional and renewable systems will be discussed and evaluated during the course.

Career Opportunities

With a focus on skills development, the National 5 Skills for Work: Energy course provides a basis for progression into Further Education or for moving directly into training or employment within the energy sector. This course also provides young people with a valuable skillset for those moving directly into employment or apprenticeships.

Further information can be found on
www.myworldofwork.co.uk; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

SKILLS FOR WORK: LABORATORY SCIENCE

Course Overview

Learners will explore a variety of industries and services, and career opportunities, in science laboratories locally, nationally, and globally.

They will develop the basic practical skills and knowledge needed for working in a laboratory: measuring, weighing and preparing compounds and solutions; and health and safety requirements.

Practical skills in microbiology, measuring radioactivity, chemical handling and laboratory instrumentation will be developed.

Career Opportunities

This unit introduces learners to the wide range of industries and services that use scientific knowledge and laboratory skills. They learn about the variety of ways in which science and laboratory skills are used in different industries and services and about the job roles that use these skills. Learners investigate a range of career opportunities in industries and services that use laboratory science. They investigate the skills, qualifications and experience required for a job role of personal interest in the field of laboratory science. Learners prepare for employment, further education or training through producing their own curriculum vitae (CV) for a specific job role in a laboratory science setting.

Qualification

National 5
This course provides learners with the opportunity to learn laboratory skills such as handling chemicals and preparing solutions, and calculate and present results of their practical work. To maintain health and safety while working in a laboratory environment, learners follow safety and security procedures, and carry out a risk assessment. There are opportunities for learners to develop numeracy and communication skills when they record and report on their practical work.

Learners learn how to:

* work safely with potentially hazardous materials, such as microorganisms
* measure radioactivity
* develop competence using laboratory equipment
* perform a titration, chromatography and distillation

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html

SKILLS FOR WORK: HOSPITALITY

Qualification

National 5
Skills for Work Hospitality at National 5 (SCQF level 5) provides an introduction to the different commercial and non-commercial sectors of the hospitality industry and the types of provision they offer. Candidates will also learn about the organisational aims of hospitality establishments and the products and services they provide.

Candidates will develop vocational skills and knowledge and gain practical experience in: menu planning; preparing, cooking and presenting a range of foods in a professional kitchen; serving food and drinks; undertaking reception duties and customer care; and planning, organising and running a small hospitality event.

Course Overview

All Units in the Course place emphasis on the employability skills and attitudes which will help to prepare candidates for the workplace.

Candidates will have the opportunity to prepare for, and take part in, a job interview.

Career Opportunities

This Course may provide candidates with opportunities to progress to:

- NC Hospitality
- a Scottish Vocational Qualification (SVQ) in Catering and Hospitality
- raining or employment

SKILLS FOR WORK: HEALTH SECTOR

Qualification

National 5

The health sector is seen as a growth industry across Scotland offering a wide range of employment opportunities at a variety of levels. The National Health Service (NHS) is a major employer in Scotland and currently employs over 160,000 people. The demands placed upon the NHS are increasing, through changes in demographics combined with an ageing workforce.

The main approaches to learning in this course should be experiential, practical and learner centred. Learners should have the opportunity to learn and develop practical skills in the context of real or simulated settings where they will experience workplace conditions, learn how to work with others in a team and develop good working practices.

Course Overview

In this course, and its component units, there will be an emphasis on skills development and the application of those skills. Assessment approaches will be proportionate, fit for purpose and will promote best practice, enabling learners to achieve the highest standards they can.

This Skills for Work course is also designed to provide learners with opportunities for developing Core Skills and Skills for Learning, Skills for Life and Skills for Work, with a strong focus on enhancing skills and attitudes for employability.

This course provides an opportunity for young people to develop their skills that would support them to pursue a career in the health sector.

The health sector includes the National Health Service (NHS) (primary andsecondary care), Independent Healthcare, Complementary Therapies, the Life Sciences and Retail Pharmaceutical Industries and the Community and Voluntary Sector.

Course Overview

In this course, and its component units, there will be an emphasis on skills development and the application of those skills. Assessment approaches will be proportionate, fit for purpose and will promote best practice, enabling learners to achieve the highest standards they can.

Each unit is internally assessed with external verification. To gain the course award, learners must pass all of the internal units assessments.

Career Opportunities

It is expected that learners will develop broad, generic skills through this course. The skills that learners will be expected to improve on and develop through the course are based on SQA's Skills Framework: Skills for Learning, Skills for Life and Skills for Work. These transferrable skills are applicable to a wide-range of career and further study opportunities.

MENTAL HEALTH AND WELLBEING

Qualification

(SCQF Level 6) Mental Health and Wellbeing

The Award in Mental Health and Wellbeing at SCQF level 6 aims to provide learners with an introduction to different perspectives and a range of theories relating to mental health. Learners will develop critical thinking skills and begin to understand the complexity of the issues which have an influence on mental health and wellbeing. The award has been designed to develop learners' potential as contributing members of society through the development of research, investigation and understanding related to mental health and wellbeing.

Units:

The course is made up of 4 SQA unit credits at SCQF Level 6:

1. Promoting Mental Health and Wellbeing

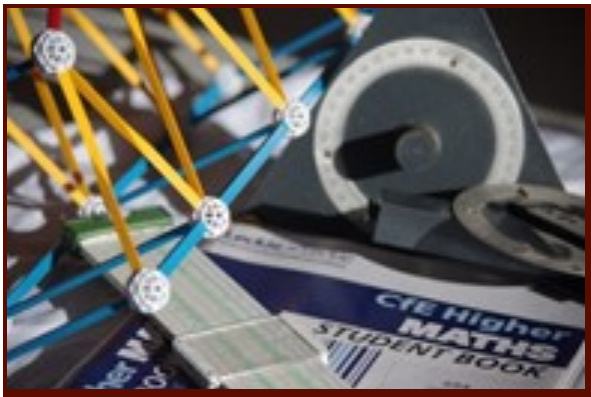
2. Influences on Mental Health and Wellbeing

3. Understanding Brain Health

4. The impact of the Digital Society and the Information Age on Mental Health and Wellbeing

If you require any further information, please do not hesitate to get in touch with Mrs Smith, Ms Harvey or Dr Khan.

Further information can be found on
www.myworldofwork.co.uk ; www.planitplus.net; www.npfs.org.uk & www.sqa.org.uk/sqa/45625.html



STATISTICS UNIT

ST

Qualification

The general aim of the Statistics Unit at Level 6 is to develop knowledge, skills and understanding in statistical methods and techniques that can be applied to a variety of real-life.

This includes skills in interpreting and analysing graphs and statistical diagrams, applying skills to the normal distribution and determining the equation of linear regression and using it for prediction.

Learners who complete this Unit will be able to:

- Use statistical skills in real-life contexts
- Produce a statistical analysis on given data set(s).

Further information can be found on
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The Making of Harry Potter
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