



Course Title

ADMINISTRATION AND IT

Level

National 5

Units Covered

The Administration and IT Course consists of two units: Administration Theory in the Workplace and IT Applications.

Administration Theory

The Administration and IT course aims to develop learners' administrative and IT skills and to enable learners to develop an understanding of administrative theory within the workplace (e.g. Customer Service, Health and Safety, Data Protection).

IT Applications

Learners will develop IT skills such as using Word Processor, Spreadsheets, Databases, Powerpoint, Desktop Publishing and use them to perform administrative tasks.

There is a theory examination (worth 50 marks) and an assignment (worth 70 marks). This examination and assignment are marked externally.

Progression

Higher Administration & IT
Foundation Apprenticeship: Business Skills



Course Title
Applied Sciences
Level
Level 5 NPA
Units Covered
The NPA in Applied Sciences level 5 has been designed to provide a qualification which will give you a range of skills and knowledge across biology, chemistry and physics as well as practical laboratory skills in each area. You will gain knowledge of cells and how they work, chemical changes and waves and radiation. You will cover a National 5 unit for each science. Knowledge and skills gained through this can then be used to complete the final forensics unit where you will carry out practical forensics techniques and research the use of forensics to solve crimes. There will be no final exam for this course but instead you will gain you National 5 qualification from a range of internal assessments carried out over the year. These include end of unit checks for the 4 units, research tasks and practical experiments. Successful completion of this can lead on to entry to National 5 Health Sector in S5
Progression
National 5 Skills for Work: Health Sector National 5 Biology National 5 Chemistry National 5 Physics



Course Title
ART & DESIGN
Level
National 5
Units Covered
The Art & Design course consists of three elements: Expressive, Design and Critical Analysis. An Expressive Portfolio with a focus on observational drawing, media handling and awareness of the visual elements. Pupils will choose a theme and genre to work within. A Design Portfolio where pupils are tasked with designing a piece of 2D or 3D design; challenging their ability to answer a brief, problem-solve and work with materials. And a Critical Analysis Unit which involves describing and explaining the work of artists and designers. Pupils are awarded a high degree of choice and personalization during the course. It is hoped that prior learning in S1-S3 will have allowed pupils to find their strengths and areas of interest within Art & Design and build upon these during Senior Phase. Assessment: National 5 (Level 5) is externally assessed, with an exam. The Expressive & Design Portfolios account for 80% and the Exam (Critical Analysis) is weighted at 20%.
Progression
Higher Art & Design



Course Title

BIOLOGY

Level

National 5

Units Covered

This course consists of 3 units:

- 'Cell Biology' which covers the key areas of cell structure; transport across cell membranes; producing new cells; DNA and the production of proteins; proteins and enzymes; genetic engineering; respiration and photosynthesis.
- 'Multicellular Organisms' which covers the key areas of cells, tissues and organs; stem cells and meristems; control and communication; reproduction; variation and inheritance; transport systems in plants and animals and lifestyle choices.
- 'Life on Earth' which covers the key areas of biodiversity and the distribution of life; energy in ecosystems; sampling techniques; adaptation, natural selection and evolution and human impact on the environment.

There is an external exam at the end of the course, as well as an externally-assessed assignment.

Progression

Higher Biology



Course Title

Business Management

Level

National 5

Units Covered

The purpose of the Course is to highlight ways in which organisations operate and the steps they take to achieve their goals. This purpose will be achieved through combining practical and theoretical aspects of business learning through the use of real-life business contexts. The skills, knowledge and understanding gained are embedded in current business practice and theory, and reflect the integrated nature of organisations, their functions, and their decision making process.

The Course aims to enable learners to develop:

- knowledge and understanding of the ways in which society relies on business to satisfy our needs
- an insight into the systems organisations use to ensure customers' needs are met
- enterprising skills and attributes by providing them with opportunities to explore realistic business situations
- financial awareness through a business context
- an insight into how organisations organise their resources for maximum efficiency and improve their overall performance
- an awareness of how external influences impact on organisations

Progression

Higher Business Management

**Course Title****CHEMISTRY****Level**

National 5

Units Covered

The course enables learners to develop and apply knowledge and understanding of Chemistry. Learners develop an understanding of chemistry's role in scientific issues and relevant applications of chemistry, including the impact these could make in society and the environment.

The course offers opportunities for candidates to develop the ability to think analytically and to make reasoned evaluations. The course covers a variety of relevant contexts including the chemistry of everyday products and chemical analysis through the following units:

Chemical changes and structure – in this area, topics covered are: rates of reaction; atomic structure and bonding related to properties of materials; formulae and reacting quantities; acids and bases.

Nature's chemistry – In this area, topics covered are: homologous series; everyday consumer products; energy from fuels.

Chemistry in society – In this area, topics covered are: metals; plastics; fertilisers; nuclear chemistry; chemical analysis.

Progression

Higher Chemistry

SCQF Level 6 NPA: Scientific Technologies



Course Title

Computer Games Development

Level

Level 5 NPA

Units Covered

The NPA in Computer Games Development at SCQF 5 introduces learners to the genres, trends and emerging technologies of the computer games industry. This award provides a foundation in techniques that are important to the sector, such as digital planning and design, creation of media assets, and development and testing — while also developing employability skills and core skills through enterprise activities. This qualification covers core areas such as design, media assets and development. Computer programming is also an important part of this qualification. The award will improve learners' computational thinking skills — an area that is gaining recognition as a vital 21st century competence — and stimulate interest in Computing Science among young learners.

Computer Games Development Design:

The aim of this Unit is for candidates to gain an understanding of underlying concepts and fundamental principles involved in computer game planning and design. Candidates will learn how to recognise and compare differences between gaming platforms, environments and genres. Candidates will be introduced to the role of the games designer, and to fundamental methods used in the planning and design stages of a computer game. Candidates will plan and design a computer game.

Computer Games Development Media Assets:

The aim of this Unit is for candidates to gain an understanding of the different types of media assets required for developing a computer game. Candidates will identify and describe legal methods of acquiring media assets and learn how to plan and produce media assets for use in a game development environment.

Computer Games Development Development:

The aim of this Unit is for candidates to gain an understanding of processes involved in the final stages of computer game development. Candidates will learn how to use their chosen game development environment to assemble all the elements and produce a working game. Candidates will acquire an understanding of the evaluation process and then plan and deliver activities to promote a computer game

Progression

Level 6 NPA Computer Games Development
Level 5 NPA e-Sports (UHI Moray)



Course Title

COMPUTING SCIENCE

Level

National 5

Units Covered

If you like puzzles, you will enjoy Computing Science. The course consists of 3 units:

- **Computer Systems** - How do computers work? Learn how computers represent numbers, characters and images? Learn the parts of a computer and how computers run programs. Learn how a Firewall and Encryption works.
- **Software Design and Development** – Ever wanted to be a coder? Now's your chance. Learn how to Analyse, Design, Code, Test and Evaluate a solution to a problem which you have created in Python.

And either

- **Web Design and Development** – Ever thought of creating your own website? Learn to Analyse, Design, Code, Test and Evaluation your solution to a problem using HTML, CSS and Javascript.

Or

- **Database Design and Development** – Ever wondered about the software that powers the engine behind an online shopping web site. Learn to Analysis, Design, Code, Test and Evaluate your solutions to problems you have built using SQL.

All these units develop problem-solving skills through a range of practical and investigative tasks, allowing pupils to apply computational-thinking skills).

There are two assessment components which include an exam and a practical assignment (both marked externally).

The assignment contributes 31% of the overall grade.

Progression

Higher Computing Science



Course Title

Design & Manufacture

Level

National 5

Units Covered

- **Design:** You will master the professional design process. This includes analyzing a brief, conducting research (questionnaires/user trips), and using "Idea Generation" techniques like Brainstorming and Morphological Analysis to create innovative solutions.
- **Manufacture:** You will learn to "close the design loop" by building high-quality prototypes. This involves advanced knowledge of materials (Hardwoods, Alloys, and Thermoplastics) and industrial processes like Injection Moulding and 3D Printing.
- **Design Factors:** You will study how "The Big Four" influence products: **Aesthetics** (looks), **Function** (how it works), **Performance** (safety and maintenance), and **Ergonomics** (comfort and anthropometrics).

Progression

Higher Design & Manufacture or National 5 Practical Woodwork.



Course Title

Drama

Level

National 5

Units Covered

The National 5 Drama course has an integrated approach to learning which develops practical and evaluative skills as well as knowledge and understanding of drama and its influences.

Throughout the course, pupils explore and develop a range of drama 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.

Pupils generate ideas for presenting text using production areas. They explore and develop practical skills in a range of production areas. They apply these skills to enhance text when presenting. Pupils develop knowledge and understanding of social and cultural influences on drama. They learn how to evaluate their own progress and the progress of others.

Pupils can specialise in one of seven specialisms: Acting, Lighting, Sound, Costume, Props, Set Design or Hair & Make-up. All pupils must be comfortable performing in front of an audience, as this is a requirement of the practical exam.

The course is assessed by both a Written Exam and a Practical Exam.

Progression

Higher Drama

Level 6 NPA Acting & Performance (UHI Moray)



Course Title

Engineering Science

Level

National 5

Units Covered

- **Engineering Contexts and Challenges:** You will research various branches of engineering and evaluate how they impact our economy and environment. You will investigate real-world engineering problems and the role of sustainability in modern solutions.
- **Electronics and Control:** You will design and test complex systems. This includes analogue circuits (using sensors and transistors), digital logic, and **programmable systems** where you write code to control microcontrollers.
- **Mechanisms and Structures:** You will study how forces and motion work together. You will perform mathematical calculations for gear ratios, torque, and work done, while also analysing the strength and stability of structural frames and pneumatic (air-powered) systems.

Assessment:

Component 1: Question Paper, 110 Marks - 1 hour and 50 minutes. This exam tests your ability to solve problems, perform engineering calculations, and apply your theory knowledge.

Component 2: Assignment, 50 Marks - A practical project where you apply and integrate your skills to solve an engineering challenge through design, simulation, and testing.

Progression

Higher Engineering Science.



Course Title

Environmental Science

Level

National 5

Units Covered

Environmental science is an interdisciplinary subject which draws from the sciences and social sciences. Environmental scientists are involved in tackling issues such as global climate change, pollution, use of land and water resources, and changes in wildlife habitats.

Environmental science courses encourage the development of skills and resourcefulness which lead to becoming a confident individual. 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 produces responsible citizens.

The National 5 Environmental Science course is practical and experiential and develops scientific awareness of environmental issues. It involves an understanding of scientific principles, economic influences and political action. The course allows candidates to understand and investigate the world in an engaging and enjoyable way. It develops candidates' abilities to think analytically, creatively and independently, and to make reasoned evaluations.

The course provides opportunities for candidates to acquire and apply knowledge, to evaluate environmental and scientific issues, to consider risk, and to make informed decisions. This can lead to candidates developing an informed and ethical view of topical issues. Candidates develop skills in communication, collaborative working and leadership, and apply critical thinking in new and unfamiliar contexts to solve problems.

Progression

Higher Environmental Science



Course Title

Film & Media

Level

Level 5 NPA

Units Covered

It is a vocational qualification designed to introduce learners to the techniques, knowledge, and practical skills used in the film and media sectors.

The course balances theoretical knowledge with practical experience, encouraging learners to develop transferable skills like planning, communication, problem-solving, and resource management.

Assessments are typically internal, often project-based, and do not usually involve a final exam.

Course Content

The NPA in Film & Media is structured around mandatory and optional units.

Mandatory Units:

Film and the Film Industry: An Introduction - Covers technical and cultural codes, narrative conventions in film, and commercial factors like funding, production, and distribution.

Creative Project - Requires learners to plan, implement, and evaluate a media-based project, often working in a team.

Optional Units (examples):

Feature Writing

Storytelling for the Creative Industries

Basic Video Editing or Digital Media - Video Editing

Media Photography

Progression

NPA Creative & Digital Media (UHI Moray)

Foundation Apprenticeship: Creative & Digital Media (UHI Moray)



Course Title

GEOGRAPHY

Level

National 5

Units Covered

National 5 Geography will help you develop the knowledge, understanding and skills you need to better understand and describe the complex world around you. It revolves around 3 key units:

- The Human Environment (Population, Urban, Farming, Rural Land Use & Conflict and Development)
- The Physical Environment (Glaciation, Coasts, Weather)
- Global Issues (Health and Climate Change)

Along with various literacy and numeracy skills, each unit has a range of subject specific outcomes embedded within them e.g. OS mapping

National 5 Geography is assessed in 2 parts:

- 1) The SQA exam (80%)
- 2) The Assignment (20% - pupils plan, undertake and write-up a geographical study under exam conditions)

National 5 Geography is assessed externally by the SQA.

Progression

Higher Geography



Course Title

Skills for Work: Health Sector

Level

National 5 Skills for Work

Units Covered

The National 5 Course is designed as an introduction to the health sector. The emphasis of this Course is to prepare candidates for working in the health sector and develop employability skills valued by employers.

Candidates will develop a range of knowledge and skills required in this vocational area and investigate a range of job roles and career opportunities as well as participating in a job interview. Candidates will also develop a wide range of skills, including research and self-evaluation skills. Emphasis throughout all Units is on the employability skills and attitudes which will help prepare candidates for the workplace.

The Health Sector is one of the largest employers in the country and provides employment opportunities through a varied range of disciplines. Primary and secondary care in the NHS are the most common routes to employment, but this course will cover other areas such as complementary therapies, the retail pharmaceutical industry and the community and voluntary sectors.

The sector offers good opportunities for those who enjoy:

- working in a team
- solving problems
- learning about fitness and health

Progression

Level 6 NPA Health & Social Care (UHI Moray)

Level 6 Foundation Apprenticeship: Social Services – Healthcare (UHI Moray)

National 5 Biology



Course Title

HISTORY

Level

National 5

Units Covered

National 5 History will help you further develop the knowledge, understanding and skills you need to comprehend and describe the past and its significance today. It revolves around 3 key themes: Scottish History, British History and European and World History. The following topics are:

The Era of the Great War, 1900-1928

The Trade in Enslaved African People, 1770-1807

Hitler and Nazi Germany, 1919-39

These topics are assessed in the exam and account for 80% of the final grade. The remaining 20% is assessed through 'The Assignment' which will require students to plan and write a historical project.

Progression

Higher History



Course Title

PRACTICAL COOKERY

Level

National 5

Units Covered

During the content of this course you will develop skills in creation of dishes using practical cookery skills and techniques. You will develop knowledge in costing, sustainability, complimentary dishes and how to be safe and hygienic in the kitchen.

Units

- Cookery skills, techniques and processes
- Organisational skills
- Understanding and using ingredients

Assessment

The course is assessed externally by the SQA through:

- 3 practical assessments – dish creation and service
- assignment booklet – time plan, equipment list & service details
- Question paper

Progression

SCQF Level 6 NPA: Hospitality



Course Title

PRACTICAL CAKE CRAFT

Level

National 5

Units Covered

The Scottish hospitality industry is large, vibrant and growing. It employs a significant proportion of the nation's workforce. Cake production is a part of this sector and this course can be seen as a gateway to the industry.

During the content of this course you will develop skills and knowledge in the making, baking and designing of different cakes and bakes.

Units

- Cake baking
- Cake Decorating

Assessment

- Question paper
- Assignment booklet – Cake plan, Equipment list, Plan for baking
- Completed cake from own design

Progression

SCQF Level 6 NPA: Hospitality



Course Title

MATHEMATICS

Level

National 5

Units Covered

The following provides a broad overview of the subject skills, knowledge and understanding developed in the course:

- understand and use mathematical concepts and relationships
- select and apply numerical skills
- select and apply skills in algebra, geometry, trigonometry and statistics
- use mathematical models
- use mathematical reasoning skills to interpret information, to select a strategy to solve a problem, and to communicate solution

The course is split into three units:

- Expressions and Formulae – surds, indices, brackets, factorizing, changing the subject of a formula, algebraic fractions, circles, volume
- Relationships- straight line, simultaneous equations, quadratic graphs and equations, trigonometric graphs and equations, Pythagoras, angles
- Applications – percentages, fractions, vectors, statistics, non-right-angled trigonometry

The course assessment has two components: Paper 1 (non-calculator) 1 hour and Paper 2 (calculator) 1 hour 30 minutes.

Progression

Higher Mathematics
Higher Applications of Mathematics



Course Title

APPLICATIONS OF MATHEMATICS

Level

National 5

Units Covered

The National 5 Applications of Mathematics course explores the applications of mathematical techniques and skills in everyday situations, including financial matters, statistics, and measurement. The skills, knowledge and understanding in the course also support learning in other curriculum areas, such as technology, health and wellbeing, science, and social studies.

The course is challenging and puts numeracy and literacy skills to the test with both formal non-calculator and calculator exam at the end of the year.

The course is split into three units:

- Managing Finance and Statistics – budgeting, wages, overtime, National Insurance, Income tax, loans, currency, standard deviation, boxplots, graphs, probability
- Geometry and Measures – gradient, perimeter, area, volume, Pythagoras, speed distance and time, scale drawings and bearings, tolerance, precedence tables, efficient container packing
- Numeracy – ratio, fractions, decimals, percentages, proportion

The course assessment has two components: Paper 1 (non-calculator) 50 minutes and Paper 2 (calculator) 1 hour 40 minutes.

Progression

Higher Applications of Mathematics
National 5 Mathematics



Course Title

MODERN LANGUAGES – French/German

Level

National 5

Units Covered

In **French/German** pupils continue to develop and extend their skills from their broad general education. They continue to develop the ability to read, listen, talk and write in the modern language, understand and use more detailed language and apply knowledge about how language works (grammar). Skills are developed through the four key contexts of society, learning, employability and culture.

Assessments are a mixture of exam based and classroom assignments and are split into four areas.

1. **Reading** – completed as an end exam paper (must answer questions on 3 texts – roughly 20 minutes per text – worth 25%)
2. **Writing** – Part 1 – completed with the reading exam paper (must write a job application of between 120-150 words – worth 12.5%) Part 2 – class based assignment – (120-200 words on one of the four key contexts covered during class time – worth 12.5%)
3. **Listening** – completed as an end exam paper (answer questions on two dialogues repeated 3 times – worth 25%)
4. **Talking** – completed as an assignment (worth 25%). 2 minute presentation and a 5 minute conversation

Progression

Modern languages – Higher



Course Title

MODERN LANGUAGES FOR LIFE & WORK

Level

Level 5 Award

Units Covered

Modern Languages for Life & Work course at Level 5 develops pupils' abilities in one or two languages (French and/or German) and focuses on functional use of the language in real world working contexts. It combines developing competency in Talking & Writing with developing a broad understanding of culture and citizenship.

Course Outline

The course is divided into 3 units:

- Languages for Life – developing your Reading & Listening skills across a range of topics, including gap years, travelling and future plans.
- Languages for Work – developing your Writing & Talking skills to apply for a job.
- Leadership

Progression

Level 6 Award Modern Languages for Life & Work



Course Title

MODERN STUDIES

Level

National 5

Units Covered

Modern Studies is a subject unique to the Scottish secondary school curriculum that is concerned with the study of local, national and international issues from a social, political and economic perspective.

This course is ideal for students interested in pursuing careers in law, providing a strong foundation for those aspiring to become lawyers, solicitors, police or paralegals. It encourages critical thinking about justice and fairness, and it will equip you with the knowledge and skills to make informed decisions about your future in the legal profession.

There are three units in the course:

- **Crime & the Law:** Dive into the fascinating world of law and order, where you'll gain a deep understanding of Scotland's criminal justice system. In this unit, students will explore the causes and consequences of crime and the methods used to maintain justice and prevent crime in society..
- **World Power (USA):** A detailed study of the United States as a world power, focusing on its political institutions, economic impact, and global influence.
- **Democracy in Scotland:** Exploring the structure of Scotland's democratic institutions, citizen participation, and the role of political decision-making in Scotland.

The courses is assessed externally by a Question Paper and an individual research assignment allowing students to investigate a Modern Studies issue in-depth, building critical research and analytical skills.

Progression

Higher Modern Studies



Course Title

MUSIC

Level

National 5

Units Covered

The course contains three compulsory components:

Performing Skills on two instruments or one instrument and voice: Pupils will perform music in a range of styles by developing musical and technical skills, showing an understanding of the composers' intentions for the piece and identifying strengths and areas for improvement in their performing. Pupils will prepare a programme of music lasting eight minutes in total, performing a minimum of 2 contrasting pieces on each instrument. (A minimum of two minutes within the programme on either instrument). The minimum level of difficulty at National 5 is Grade 3 ABRSM. Performance makes up 50% of the final grade. This is externally assessed by a visiting examiner; the final practical exam can take place from mid-February to the end of March.

Composing Skills: Pupils will learn to create original music by identifying the compositional methods and music concepts used in given examples of music. Pupils will experiment and use music concepts and compositional methods to develop and create original music. Pupils will explore and develop musical ideas and create one complete piece of music. This must be completed by March and is externally assessed. A review of the composition and the process undergone to complete must also be included. Composing makes up 15% of your final grade.

Understanding Music: Pupils will learn to recognise and identify music concepts and styles by identifying level-specific music concepts in excerpts of music, identifying the social and cultural influences which have influenced the distinctive sounds of specific music styles and by identifying and recognising the meaning of music signs, symbols and terms. Pupils will study a range of music genres, concepts, literacy and styles, and complete a variety of assessments throughout the course. The final assessment is a question paper of approximately 1 hour in length. The question paper makes up 35% of the final grade.

Progression

Higher Music



Course Title

PHYSICAL EDUCATION

Level

National 5

Units Covered

Purpose

This course is designed to give pupils the chance to explore how Mental, Emotional, Social and Physical factors impact on sporting performance. Pupils will take part in 3 activities across the year, carrying out a training program in each.

Entry requirement

Entry to this course should be through National 4 Physical Education. Pupils can also gain entry to the course if they have performed highly in S1-3 PE and have excellent participation and effort levels.

Assessment

Practical Performance

Pupils will take part in 2 graded performances. The performances are both marked out of 30, totalling 60 marks (50% of the total marks available for course assessment).

The purpose of these performances is to assess the pupil's ability levels in two different activities. Pupils will be able to select the activities they wish to be assessed in. In the case of unusual or less mainstream activities being selected by pupils this will be at the discretion of the department. The context of the performances must be challenging, competitive and/or demanding, and each performance will be assessed during a single event.

Portfolio

The National 5 portfolio is worth 60 marks. The portfolio tracks the process of performance development in one activity. It begins with the data collection process and the planning of a 6 week training program. It then moves onto carrying out this program before a review and evaluation of the impact on performance.

Progression

Higher Physical Education



Course Title

Skills for Work: Sport and Recreation

Level

Skills for Work: National 5

Units Covered

Purpose

The Skills for Work Course in Sports and Recreation covers the main practical activities involved in carrying out a support role in a sports and recreation environment, as well as health and safety legislation. The course gives hands-on experience in sports coaching, fitness coaching, career preparation and visiting places of work in the community.

Entry Requirement

Candidates should have a good attendance and participation in PE throughout S1-S3. A good behavioural record and effort level in PE with respect to safety for both the pupils and staff is essential. Candidates should show commitment to improving skills and qualities in all areas of Physical Education.

Course Outline

There are 4 units to be completed for the course award:

Assist with a component of activity sessions: You will develop your leadership and coaching skills in a variety of activities to groups and to individuals. You will learn how to manage health & safety issues and emergency situations which may occur.

Assist with Fitness Programming: You will become a personal trainer to your partner, testing their fitness and writing a training programme for them. You will be responsible for training them throughout their training programme.

Employment Opportunities in the Sport & Recreation Industry: You will complete a research project based on potential careers you may wish to do within Sport & Recreation industry.

Daily Centre Duties: You will take on responsibilities for the maintenance and management of equipment and the PE facilities.

Assessment

This 'Skills for Work' National 5 course is assessed by completing both practical and written tasks for all four units outlined above. Your teacher will mark all of your work and the course is graded on a pass/fail basis.

Progression

National 5 Physical Education
Higher Physical Education



Course Title

PHYSICS

Level

National 5

Units Covered

Candidates gain an understanding of physics and develop this through a variety of approaches, including practical activities, investigations and problem solving. Candidates research topics, apply scientific skills and communicate information related to their findings, which develops skills of scientific literacy.

The course content includes the following areas of physics:

Dynamics – the topics covered are: vectors and scalars; velocity-time graphs; acceleration; Newton's laws; energy; projective motion.

Space – the topics covered are: space exploration; cosmology.

Electricity – the topics covered are: electrical charge carriers; potential difference (voltage); Ohm's law; practical electrical and electronic circuits; electrical power.

Properties of matter – the topics covered are: specific heat capacity; specific latent heat; gas laws and the kinetic model.

Waves – the topics covered are: wave parameters and behaviours; electromagnetic spectrum; refraction of light.

Radiation – the topic covered is nuclear radiation.

The course assessment comprises a written examination paper and a course assignment, both of which are marked and graded by Scottish Qualification Authority markers.

Progression

Higher Physics



Course Title

Practical Electronics

Level

National 5

Units Covered

Electronics brings together elements of technology, science and mathematics and applies these to real-world challenges. The course provides a solid foundation for those considering further study or a career in electronics, electrical engineering and related disciplines.

The electronics industry is vital to everyday life in our society and plays a major role in the economy and there are a wide range of job opportunities available for people with skills in electronics.

The course has three areas of study:

- Circuit design
- Circuit simulation
- Circuit construction

The course assessment comprises a written paper and a practical activity which assesses the candidates' ability to apply electronic knowledge and skills to solve a practical problem. Both assessment activities are set, marked and graded by the Scottish Qualifications Authority.

Progression

SCQF Level 6 Electronics college-based courses



Course Title

TRAVEL & TOURISM

Level

Skills for Work: National 5

Units Covered

This course is designed to give an insight into general employability skills, including literacy, and skills specific to the travel & tourism industry in its many forms

Units include:

- Toursim in Scotland
- Tourism in UK and Worldwide
- Customer Service
- Employability

This course has no external exam with assessment evidence gathered through practical experience simulating the work environment and internal assignments in school.

Progression

Further education at college.



Course Title

Practical Woodworking

Level

National 5

Units Covered

Progression

Completing this course enables students to progress along several pathways:

Further Education: Students can advance to higher levels within carpentry, joinery, or manufacturing focused courses, including apprenticeships or NC/NQ programs in furniture making, construction, or design.

Career Readiness: The course provides the technical skills and industry knowledge necessary for entry-level roles in carpentry, joinery, and furniture-making fields.

Skill Development for Related Fields: The combination of practical woodworking and furniture making equips students with transferable skills in design thinking, project planning, and craftsmanship, which are valuable across various creative and technical professions.

Keith Grammar School

Course Choice Descriptor Information

Planning for Session 2026-27



Ambition Excellence Respect Success