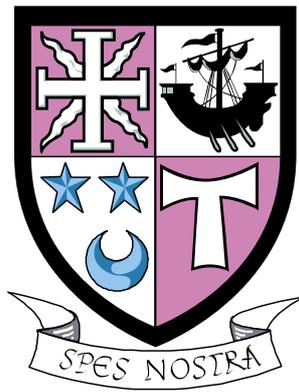


S5 Course Information

Session 2016/17



Holy Rood RC High School

Edinburgh

INFORMATION FOR PUPILS RETURNING TO S5 – SESSION 2016/17



You are now making the important decision to return to school for fifth year. You will have to consider carefully your reasons for returning to school. We want to enable you to:

- **Add to your qualifications.** School is mainly about learning, if you wish to achieve National Qualifications at National 4, 5, Higher or Advanced Higher you can do this in S5/6.

You should choose to study courses which will give you the best chance of achieving awards at the highest possible level. Your Year Head will help you with this.

- **Take more time to think about future plans.** You may still be unsure about what you want to do when you leave school. If so, make an appointment with the Careers Adviser as soon as possible. There is a ‘drop in’ session at lunch time in the school library. After this interview you may decide to return to senior school to give you more time to consider your strengths, ambitions and next steps.
- **Play a greater role in the life of the school.** We expect senior pupils to play a bigger part in the life of the school. You may be invited to be a pastoral prefect, to represent the school at outside events, to support the work of teachers. Every senior pupil will be expected to act as an ambassador for the school and to set an example to younger pupils.

Before entering the senior school you will be interviewed by a member of the Pupil Support Team about your subject choices and your commitment to the Senior School.

NEW QUALIFICATIONS – WHAT LEVEL OF COURSE SHOULD I CHOOSE?

When selecting your course choices for 2016/17 you must make sure you know the appropriate level of course to choose. Your class teachers and Year Head can give you good advice about this. The table below will also help you consider the most appropriate level of course for S5:

Level of course studied in S4	Appropriate level of course in S5
National 3	National 4
National 4	National 5
National 5	Higher

COURSE CHOICES FOR S5



As you prepare to move into the Senior School a course choice programme gets underway:

1. **Your teachers** – talk to you about courses and recommend the level which is right for you.
2. **Your parents/carers** – attend the Senior School Information Evening, read the course choice information pages and discuss these with you.
3. **You** – can read through the information provided about each of the different courses in your Course Information book. You can also discuss your possible choices with class teachers and Heads of Faculty to make sure you are aware of the appropriate level of course for you.
4. Please note that Psychology is only offered to pupils in S6.

Discuss your plans with parents/carers and Pupil Support staff who will help you in making the right course choices to meet your ambitions.

At the end of this process, you have to complete a course Option Choice Form, your parents/carers will confirm acceptance of your choices and the form should be returned to your Tutor teacher by **Friday 29 January 2016**.

COURSE OPTION CHOICE SHEET

All pupils planning to return to school for S5 should choose **5 subjects** from the option choice sheet – one subject per column.

OTHER LEARNING OPPORTUNITIES AVAILABLE FOR SENIOR PUPILS

Local Colleges will be offering some courses for session 2016/17 which our pupils might be interested in studying during S5 and/or S6. For example:

Health and Social Care HNC
Creative Industries HNC
Engineering HNC
Higher courses

Pupils will be informed about college opportunities in April/May 2016. Places on the college courses are not guaranteed. If pupils are interested they would have to complete an application for the course and attend an interview at the college. If successful the Learning Plan for 2016/17 for the S5/6 pupil would include school based courses and a college course.

Many of the college courses are timetabled for a Tuesday and Thursday afternoon and this will correspond to one of the choices on the option sheet.

If you require further information you should contact the following members of staff:

Mr D Lindsay, Support for Pupils Leader (S4)

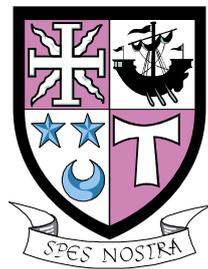
Mr C Lowe, Additional Support for Pupils Leader

Subject teachers for subject information

Ms K Hart, Careers Adviser

S5 Course Information

Session 2016/17



National 4

National 5



<h1>ADMINISTRATION & IT</h1>		<h2>National 5 National 4</h2>
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> Administrative Practices IT Solutions for Administrators Communication in Administration 		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> an understanding of administration in the workplace and of the skills required of good administrators IT skills in word processing, spreadsheets, databases, presentations, desktop publishing in familiar and some unfamiliar contexts the ability to use IT skills in more complex administrative tasks skills in organising, processing, presenting and communicating information business literacy skills, business numeracy skills problem-solving, team-working and using initiative
<p>NAT 5 – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> National 4 Admin & IT Any pupils in S5/6 who are keen to improve their IT and Administration skills further 	<p>NAT 4 – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> Any pupils in S5/6 who are keen to improve their IT and Administration skills further 	
<p>COURSE INFORMATION</p> <p>Administrative Practices - Pupils will develop an understanding of key legislation affecting both organisations and employees, the benefits to organisations of good customer care and the skills, qualities and skills required of administrators.</p> <p>IT Solutions for Administrators - Pupils will select the following IT applications — word processing, spreadsheets, databases — and will use them to create and edit business documents.</p> <p>Communication in Administration - The purpose of this Unit is to enable pupils to use IT for gathering and sharing information with others in familiar administration-related contexts.</p>		
<p>ASSESSMENT</p> <p>NATIONAL 5 – to achieve the Course award at National 5 pupils will have to pass the assessments for each SQA Unit and complete the end of course Administration and IT Assignment. This assignment will contain a range of Admin/IT based tasks which will be marked and graded by SQA markers.</p> <p>NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.</p>		
<p>CAREER PATHWAY</p> <p>Successful completion of the course could support progression towards:</p> <ul style="list-style-type: none"> Higher grade course if National 5 has been achieved College/University courses Employment in areas such as Administration Assistant, Receptionist, Event Organiser, HR Assistant, Finance Assistant 		
<h2>IT & EMPLOYABILITY</h2>	<p>For further information about this course please contact:</p> <p>Head of Faculty – Ms Ayres Teaching Staff – Business Education S5/6 Year Head</p>	



Art & Design

National 5
National 4

SQA COURSE UNITS



- Expressive Activity
- Design Activity
- Course Assessment consisting of: Practical Portfolio and Question Paper.

SKILLS DEVELOPED ON THIS COURSE

- Skills in using a range of art and design materials, techniques and/or technology;
- Developing creative ideas for art and design work in 2D and/or 3D;
- Describing how artists and designers use materials, techniques and/or technology;
- Analysing the impact of social, cultural and other influences on artists' and designers' work;
- Using problem solving, planning and self-evaluation skills within the creative process;

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Expressive Activity: This Unit helps pupils to develop their personal thoughts and ideas in visual form, develop critical understanding of artists' working practices and the social and cultural influences affecting their work

Design Activity: In this Unit pupils will plan, research and develop creative design work in response to a Design Brief

Course Assessment: In the Practical Portfolio, pupils will produce one piece of Expressive Art Work and one Design Solution. The Question Paper allows pupils to demonstrate their knowledge and understanding of art and design practice in an extended response format

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to pass all of the Units as well as the Course Assessment. The Course Assessment consists of a Portfolio and a Question Paper. Both are marked by the SQA and will be graded A to D

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as Graphic Design, Product Design, Fashion Design, Website Design, Games Design, Art Curator, Advertising, Architecture, Textile Design, Art Therapy, Publicity, Costume Design, etc.,

EXPRESSIVE ARTS

For further information about this course please contact:

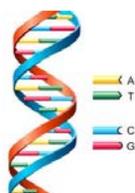
Head of Faculty – Mrs Cockburn
Teaching Staff – Art & Design Department
S5/6 Year Head

BIOLOGY

National 5
National 4

SQA COURSE UNITS

- Cell Biology
- Biology: Multicellular Organisms
- Biology: Life on Earth



SKILLS DEVELOPED ON THIS COURSE

- an understanding of biology in society and the environment
- scientific inquiry skills to plan and carry out experiments
- scientific analytical thinking skills
- the ability to use technology, equipment and materials, in scientific activities
- problem-solving skills
- use and understand scientific literacy
- information-handling skills (selecting, presenting, processing information)

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4 Biology

NAT 4 – COURSE ENTRY REQUIREMENTS

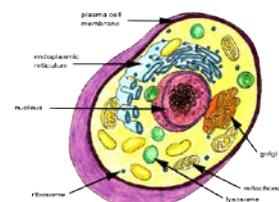
- Nat 3 Biology
- Nat 4 in other Science subjects

COURSE INFORMATION

Cell Biology – Pupils will investigate cell structure, DNA, genetic engineering and photosynthesis.

Biology: Multicellular Organisms – Pupils will investigate tissues and organs, stem cells, reproduction, variation and inheritance.

Biology: Life on Earth - Pupils will learn about biodiversity, sampling and measurement techniques, natural selection and evolution.



ASSESSMENT

NATIONAL 5 - To gain the course award, pupils **must pass all of the Units** as well as the **Course Assessment**. The Course Assessment consists of an Assignment (a research investigation) and a Question Paper (exam). Both are marked by the SQA and will be graded A to D.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as immunology, beauty therapy, environmentalist

Science

For further information about this course please contact:

Head of Faculty – Mr A Gillies
Teaching Staff – Biology Department
S5/6 Year Head



CHEMISTRY

NATIONAL 5
NATIONAL 4

SQA COURSE UNITS

- Chemical Changes and Structure
- Nature's Chemistry
- Chemistry in Society



SKILLS DEVELOPED ON THIS COURSE

- scientific inquiry and investigation skills
- scientific analytical thinking skills
- the ability to use technology, equipment and materials
- questioning and independent thinking
- problem-solving in a chemistry context
- using and understanding scientific literacy in everyday contexts
- planning experiments to test hypotheses or illustrate effects
- recording observations
- collecting, processing and analysing data
- making predictions and generalisations based on evidence
- drawing valid conclusions with explanations and evidence

NAT 5 - COURSE ENTRY REQUIREMENTS

Suitable for pupils who have completed a **National 4 Chemistry Course**.

NAT 4 – COURSE ENTRY REQUIREMENTS

- NAT 3 Chemistry
- NAT 3 or 4 in another Science subject

COURSE INFORMATION

Chemical changes and structure – pupils will develop scientific skills and knowledge of the chemical reactions in our world.

Nature's Chemistry – pupils will investigate the physical and chemical properties of cycloalkanes

Chemistry in Society – pupils will focus on the chemistry of metals and their bonding, reactions and uses.

COURSE ASSESSMENT

NATIONAL 5 - To gain the course award, pupils **must pass all of the Units** as well as the **Course Assessment**. The Course Assessment consists of an Assignment (a research investigation) and a Question Paper (exam). Both are marked by the SQA and will be graded A to D.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of this course could support progression towards

- Higher Chemistry if National 5 is achieved
- College/University courses
- Careers in areas of work such as Pharmaceuticals, Forensic Science, Oil and Gas Industry

SCIENCE FACULTY

For further information about this course please contact:

Head of Faculty – Mr A Gillies
Teaching Staff – Chemistry Department
S5/6 Year Head





COMMUNICATION

National 4
National 5

SQA COURSE UNITS

- Problem Solving
- Working with others
- Communication



SKILLS DEVELOPED ON THIS COURSE

- Problem solving skills
- Communication skills
- Working with others
- Presentation skills
- Employability skills
- Team working
- Evaluation skills

ENTRY REQUIREMENTS

- This course would be suitable for pupils who have completed NATIONAL 3 or National 4 level courses in English

COURSE INFORMATION

A qualification that focuses on life skills as opposed to purely academic skills. Its goal is to help you gain and develop the skills that employers are looking for.

There are three units:

- 1) **Problem solving:** You will develop skills of analysis and organisation that will help you to think critically about the problems that you will face in everyday life.
- 2) **Communication:** Communication skills help us with almost all personal, social, learning, and working activities. They are essential if you want to make your thoughts clear. We will look at interacting and conversing effectively with others, and in conveying information, feelings, and opinions.
- 3) **Working with Others:** The fact that working with others is a Core Skill emphasises the importance of co-operation and teamwork in social, learning, and working situations.

Each one of these units is part of the SQA's Core Skills qualifications. You can read more about them on their website.

ASSESSMENT

Each level of the course has internally assessed components. There is no formal exam; assessment is continuous throughout the year.

There will be a reading and writing assessment at the end of each course level.

There is no final examination but a folio is required for each component of the course as well as a group presentation at the end of the course.

CAREER PATHWAY

- National 5 English if levels 4 and 5 Communication have been successfully completed
- Skills gained on the Communication course will be useful for the workplace

ENGLISH & LITERACY

For further information:

Head of Faculty – Mr Munro
Subject Teachers – English Department
S5/6 Year Head



BUSINESS MANAGEMENT

National 5
National 4

SQA COURSE UNITS

- Understanding Business
- Management of People and Finance
- Management of Marketing and Operations



SKILLS DEVELOPED ON THIS COURSE

- enterprise and employability skills
- decision-making to solve straightforward business-related problems
- the ability to interpret and evaluate straightforward business financial data
- knowledge of the use of technologies in business
- communicating straightforward business-related information
- the ability to analyse effective business practice
- business literacy, numeracy, IT and presentation skills
- problem solving and organisation of business data

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4
- General Level Standard Grade

NAT 4 – COURSE ENTRY REQUIREMENTS

S5/6 pupils who have passed NAT 4 level or General level in S4 in a number of subjects

COURSE INFORMATION

Understanding Business – Pupils will develop relevant skills, knowledge and understanding by carrying out tasks/activities relating to the role of business organisations and entrepreneurship in society, using real-life contexts.

Management of People and Finance – Pupils will improve their knowledge of the work carried out in the Human Resource section and discuss staff management skills. They will also improve their knowledge and understanding of Financial Statements and learn about the importance of managing finances in a business context.

Management of Marketing and Operations – Pupils will be introduced to the importance of Marketing and will applying Marketing techniques to complete a range of business related tasks. Production methods, Stock control and Quality Assurance methods will also be considered in this unit of work.

ASSESSMENT

NATIONAL 5 – to achieve the Course Award at National 5 level pupils will have to achieve a pass in all unit assessments along with the final Course Award.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as Retail, Human Resource, Finance, Marketing, Distribution, Production



IT & EMPLOYABILITY

For further information about this course please contact:

Head of Faculty – Ms Ayres
Teaching Staff – Business Education
S5/6 Year Head



COMPUTING SCIENCE

National 5
National 4

SQA COURSE UNITS

- Software Design and Development
- Information System Design And Development

SKILLS DEVELOPED ON THIS COURSE

- ICT/computing skills
- literacy, numeracy, problem solving
- knowledge and understanding of key facts and ideas in computing science
- analysing, designing, modelling, implementing, testing and evaluating digital solutions (including computer programs) to problems



NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4
- Intermediate 1
- General Level Standard Grade

NAT 4 – COURSE ENTRY REQUIREMENTS

Any pupil with an interest in improving their computing skills.

COURSE INFORMATION

Software Design and Development - Pupils will develop their programming and computing skills by developing, implementing and testing practical solutions and explaining how these programs work. They will also develop an understanding of how data and instructions are stored in binary form, the basic architecture of a computer, and an awareness of different contemporary software development languages/environments.

Information System Design And Development - Pupils will apply computing skills to solve problems and develop an understanding of the technical, legal and environmental issues related to one or more computer information systems.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete and pass both units and the course assessment (Assignment and Question Paper)

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as Software Engineering, Database Design and Administration, Telecommunications, Oil & Gas Industry, Computer Technical Support, Network Administration, Games Development, Teacher/Trainer.

IT & EMPLOYABILITY

For further information about this course please contact:

Head of Faculty – S Ayres
Teaching Staff – Computing Department
S5/6 Year Head



CREATIVE INDUSTRIES

National 5
National 4

SQA COURSE UNITS



- Creative Industries; An introduction
- Creative Industries; Skills Development
- Creative Industries; The Creative Process
- Creative Industries; Creative Project

SKILLS DEVELOPED ON THIS COURSE

- Raise awareness of the Creative Industries in the UK and the opportunities in terms of job roles and career paths;
- Research employment prospects in the Creative Industries field;
- Develop specific and generic skills and attitudes which will enhance employability within a creative industry sector;
- Exploration, experimentation and production of a range of creative techniques and processes;
- critically self-reflecting and evaluating their own work and the creative work of others;
- develop team building and presentation skills;
- develop communication skills;

CREATIVE INDUSTRIES Level 4 – COURSE ENTRY REQUIREMENTS

- An interest in developing your creativity

CREATIVE INDUSTRIES Level 5 – COURSE ENTRY REQUIREMENTS

- Creative Industries level 4
- An Expressive Art at level 4

COURSE INFORMATION

An introduction to Creative Industries;

Learners will research, gather career information and evaluate employability skills based on the Creative Industries Sector. Skills Development;

This practical unit is designed to allow candidates the opportunity to practise and develop their craft and improve practical skills associated with a chosen job role in the Creative Industries;

The Creative Process;

Learners will think creatively, work collaboratively and present a team response to a Design Brief. Learners will accept and give feedback.

The Creative Project;

In this Unit, learners will plan and implement a creative project to a given Design Brief. Learners will develop their creativity alongside key employability skills such as working with others and problem solving.

ASSESSMENT: Practical presentation, a candidate folio and practical activities.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher Photography, Higher Media, Higher Drama or Higher Art & Design.
- College courses
- Employment in areas such as advertising, photography, film, media production, music, creative writing, games design, acting, composing,

EXPRESSIVE ARTS

For further information about this course please contact:

Head of Faculty – Mrs Cockburn
Teaching Staff – Expressive Arts
S5/6 Year Head



DANCE

National 5

SQA UNITS

- Technical skills
- Choreography



SKILLS DEVELOPED ON THIS COURSE

- Technical dance skills
- Choreographic skills
- Creativity
- Cooperation
- Confidence
- Leadership
- Organisation skills
- Evaluation & Appreciation skills

NAT 5 – COURSE ENTRY REQUIREMENTS

This Course is a broad-based qualification, suitable for pupils who have some experience in dance. Pupils are also expected to wear appropriate dance leotards and footwear.

COURSE INFORMATION

Technical Skills – Pupils will learn about and develop techniques in 2 different dance styles (Jazz & Contemporary). Pupils choose one dance style to perform for an external examiner at the end of the year.

Choreography – Pupils learn and develop knowledge on choreographic structures and devices. These skills are used to develop a piece of choreography for 2 people which will be performed for an external examiner.

ASSESSMENT

To gain the award of the Course, pupils must pass all of the Units as well as the Course assessments.

Course assessment will provide the basis for the grading attainment in the Course award.

CAREER PATHWAY

- Higher Dance
- Musical Theatre
- Level 3 National Diploma Performing Arts (Dance)
- NPA Dance
- HND Professional Stage Dance
- HND Dance Artists
- Further education, education/training.



PHYSICAL EDUCATION

For further information about this course please contact:

Head of Faculty – Mr McSherry
PE/Dance Teachers – Mrs Duffy, Ms Lister



Design and Manufacture

National 5
National 4

SQA COURSE UNITS

- Design
- Materials and Manufacture

SKILLS DEVELOPED ON THIS COURSE

- Skills in Design.
- Skills in the manufacturing of prototypes.
- Knowledge and understanding of manufacturing, materials and processes
- Understanding of the impact of Design and Manufacturing on the environment and society.

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4
-

NAT 4 – COURSE ENTRY REQUIREMENTS

- S1-3 BGE

COURSE INFORMATION

Design- Pupils will gain knowledge of the design process from initial Brief to completed Design proposal.

Materials and Manufacture- Pupils will gain the practical skills needed to manufacture their ideas along with an understanding of real life manufacturing techniques and processes.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete all units plus the course assessment. The course assessment consists of a Design and Manufacturing assignment and an external exam.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade Design and Manufacture.
- College/University courses in product design, engineering, architecture, automotive design etc.
- Employment in areas such as design offices, architectural firms, engineering companies etc.

DESIGN, ENGINEERING &
TECHNOLOGY

For further information about this course please contact:

Head of Faculty – Miss Lynsey McNamee
Teaching Staff – Design, Engineering and Technology
S5/6 Year Head



DRAMA

National 5
National 4

SQA COURSE UNITS



- Drama Skills
- Drama: Production Skills

SKILLS DEVELOPED ON THIS COURSE

- Responding to stimuli, including text, when creating drama
- Working with others to share and use drama ideas
- Developing awareness of social and cultural influences when creating drama
- Exploring drama form, structure, genre and style
- Gaining knowledge and understanding a range of production skills
- Using a range of drama and production skills when presenting
- Using evaluative skills within the creative process

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Drama Skills – Pupils will provide evidence to demonstrate knowledge and understanding of a range of drama skills. They will use production skills to enhance drama when presenting. Pupils will evaluate their own work and that of other pupils.

Drama: Production Skills – Pupils will provide evidence to demonstrate their knowledge and understanding of a range of production skills. They will use production skills to enhance drama when presenting and will evaluate their own work and that of other pupils.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete a performance and a question paper.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as Drama Therapist, Actor, Theatre Reviewer, Stage Manager, Playwright, Director

EXPRESSIVE ARTS

For further information about this course please contact:

Head of Faculty – Mrs Cockburn
Teaching Staff – Drama Department
S5/6 Year Head



Engineering Skills

National 5

SQA COURSE UNITS

- Design and Manufacture
- Mechanical and Fabrication
- Electrical and Electronic
- Maintenance

SKILLS DEVELOPED ON THIS COURSE

- Communication
- Numeracy
- Information Technology
- Problem Solving
- Working With Others
- Employability

COURSE ENTRY REQUIREMENTS

Learners would be expected to have attained:

- Engineering Skills National 4

COURSE INFORMATION

This course contains 4 mandatory 40 hour units. The content of the course focuses on basic hand skills across the disciplines of mechanical, fabrication, electrical, electronic, control, maintenance and manufacture. Central to the course are generic employability skills valued by employers in the engineering sector. The skills are developed in each of the four units and are assessed at least twice. These add value to the development of the basic vocational skills.

ASSESSMENT

Candidates can readily gather evidence for assessment during their work in these practical skills Units. Reviewing progress with engineering employability skills and attitudes will take place in the practical context of work in the different activities. Candidates will complete a review in the different practical activities attached to each Unit, requiring a total of four reviews throughout the duration of the Course. Assessment of interpreting drawings and specifications and materials should also take place during the work in skills specific practical Units.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- College/University courses
- Employment in areas of various engineering disciplines

DESIGN, ENGINEERING & TECHNOLOGY

For further information about this course please contact:

Head of Faculty – Miss Lynsey McNamee
Teaching Staff – S Harris
S5/6 Year Head – E O’Doherty



ENGLISH

National 5
National 4

SQA COURSE UNITS

- Creation and Production
- Analysis and Evaluation
- LITERACY and A.V.U NAT4
- Folio NAT5

SKILLS DEVELOPED ON THIS COURSE

- Listening
- Reading
- Writing
- Talking
- Research and planning
- Pupils will work on a range of areas covering literacy, analytical and evaluative skills.



NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Creation and Production involves writing and presentation skills. The writing is about literature studied; reflective and personal topics and discursive/transactional subjects. There is also a requirement to produce and deliver a presentation verbally.

Analysis and Evaluation is about Reading and Listening skills. Candidates will write about texts they have read and demonstrate their listening skills in a variety of ways.

Literacy and Added Value Unit NQ4 – these units involve a variety of skills surrounding reading, writing, listening and Talking. Literacy focuses on non-fiction texts.

ASSESSMENT

NATIONAL 5 – to achieve the Course award at National 5 level pupils will have to complete a pass at both units and a submit a folio of written work. There is a final two paper exam which, along with the folio, will decide on the final grade.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as journalism, teaching, law, humanities subjects etc

ENGLISH AND LITERACY

For further information about this course please contact:

Head of Faculty – Mr Munro
Teaching Staff – English and Literacy Faculty
S5/6 Year Head



ENVIRONMENTAL SCIENCE

NATIONAL 4

SQA COURSE UNITS

- Environmental Science: Living Environment
- Environmental Science Earth's Resources
- Environmental Science: Sustainability
- Environmental Science Added Value Unit

SKILLS DEVELOPED ON THIS COURSE

- demonstrating knowledge and understanding of environmental science by making statements, describing information, providing explanations;
- applying knowledge of environmental science to familiar situations, interpreting information and solving problems;
- planning and safely carrying out practical investigations/experiments to illustrate effects
- applying information handling skills including selecting, presenting and processing information;
- evaluating information to solve problems and make decisions;
- making generalisations based on evidence/information;
- drawing valid conclusions and giving explanations supported by evidence.

COURSE ENTRY REQUIREMENTS

Those who have completed National 3 Geography or National 3 in any Science course would be suitable for this course.

COURSE INFORMATION

Living environment - This unit covers the key areas of interdependence; adaptation for survival; the impact of population growth and natural hazards on biodiversity; the nitrogen cycle and the environmental impact of fertilisers.

Earth's Resources – This unit covers the key areas of: the responsible use and conservation of non-renewable and renewable resources; the formation and use of fossil fuels; the derivation and uses of materials derived from crude oil; the risks and benefits of different energy sources, including those produced from plants; the carbon cycle and processes involved in maintaining the balance of gases in the air, and the causes and implications of changes in the balance.

Sustainability - This unit covers the key areas of: the sustainability of key natural resources and possible implications for human activity, the interaction between humans and the environment and the impact of human activity on an area, the role of agriculture in the production of food and raw material and its environmental impacts and sustainability, society's energy needs, and the impact of developments in transport infrastructure in a selected area and development of sustainable systems.

ASSESSMENT

To achieve the National 4 Environmental Science Course **learners must pass all of the required Units**, including the Added Value Unit. In this unit Learners will investigate a topical environmental science issue, using knowledge and skills selected from *Living Environment/Earth's Resources/Sustainability* key areas.

CAREER PATHWAY

- Progression to National 5 Geography or National 5 Biology
- College
- courses relating to conservation, land management, forestry
- Careers in areas of work such as conservation, land management, science, forestry

SOCIAL STUDIES

For further information about this course please contact:

Heads of Faculties – Mrs Liggins
Teaching Staff – Mr Shaikh
S5/6 Year Head





Environmental science

National 5

SQA COURSE UNITS

- Environmental Science: Living Environment
- Environmental Science Earth’s Resources
- Environmental Science: Sustainability
- Environmental Science Assignment

SKILLS DEVELOPED ON THIS COURSE

- demonstrating knowledge and understanding of environmental science by making statements, describing information, providing explanations;
- applying knowledge of environmental science to familiar situations, interpreting information and solving problems;
- planning and safely carrying out practical investigations/experiments to illustrate effects
- applying information handling skills including selecting, presenting and processing information;
- evaluating information to solve problems and make decisions;
- making generalisations based on evidence/information;
- drawing valid conclusions and giving explanations supported by evidence.

COURSE ENTRY REQUIREMENTS

Those who have completed National 4 Environmental Science, National 4 Geography or National 4 in any science subject would be suitable for this course.

COURSE INFORMATION

The Course develops a scientific understanding of environmental issues. It develops learners’ interest and enthusiasm for environmental science in a range of contexts, as well as their investigative and experimental skills. Environmental science takes a problem solving approach to attempt to develop solutions that prevent or reverse environmental deterioration and aim for sustainable practices. This allows a deeper understanding of environmental issues and possible solutions to these.

The Course provides a range of opportunities for learners to investigate key areas of the living environment such as biodiversity and interdependence. Through the Earth’s systems, learners will investigate resource issues in the atmosphere, hydrosphere, geosphere and biosphere. Sustainability and sustainable development will be explored through food, water and energy security as well as investigating issues regarding waste.

Due to its interdisciplinary nature, learners can gain additional benefits from studying Environmental Science along with Geography and other science subjects (Biology in particular).

ASSESSMENT

To pass the Course award at National 5 level learners will have to pass assessments for all course units, complete an assignment and pass external examination.

CAREER PATHWAY

- Progression to Higher Geography or Biology
- College courses relating to conservation, land management, forestry
- Careers in areas of work such as conservation, land management, science, forestry

SOCIAL STUDIES

For further information about this course please contact:
 Heads of Faculty – Mrs Liggins
 Teaching Staff – Mr Shaikh
 S5/6 Year Head





<h1>ESOL</h1> <p>(English for Speakers of Other Languages)</p>		<h1>Nat 5</h1> <h1>/Higher</h1>	
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> English for Everyday Life English in a Study-Related Context 		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> Read, Write, Listen and Speak in English. Understand and use English language as appropriate to purpose, audience and context. Apply knowledge and understanding of English language. 	
<p>COURSE ENTRY REQUIREMENTS</p> <p>Learners would be expected to have attained:</p> <ul style="list-style-type: none"> Pass mark in relevant level of ESOL placement test 			
<p>COURSE INFORMATION</p> <p><u>English for Everyday Life:</u> Skills of personal, social and transactional communication in English, covering the following contexts – Personal Identity, Lifestyle, Physical Environment, Obtaining/Providing Goods and Services, Entertainment + Leisure, Planning, eg. a trip, Current Affairs, Cultural Awareness.</p> <p><u>English in a Study-Related Context:</u> Pupils will develop broad, generic skills throughout this unit based on SQA’s Skills for Learning, Skills for Life and Skills for Work Framework. These include ‘Literacy’, ‘Employability, Enterprise + Citizenship’ and ‘Thinking Skills’.</p>			
<p>ASSESSMENT</p> <p>To achieve the Course Award at both N5 and N6 level, pupils will have to achieve a pass in both units through internal assessment. There is an exam in reading, writing and listening – in addition to a final speaking assessment - which will decide on the final grade.</p>			
<p>CAREER PATHWAY</p> <p>Successful completion of this course could support progression towards:</p> <ul style="list-style-type: none"> N6 ESOL (for those who pass N5) College/University courses Prospects for employment in many areas will be enhanced by proficiency in the English Language 			
<p>NAME OF FACULTY</p>		<p>For further information about this course please contact:</p> <p>Head of Faculty – Mr Munro Teaching Staff – English and Literacy Faculty S5/6 Year Head</p>	



Fashion and Textile Technology

National 5
National 4

SQA COURSE UNITS

- Textile technologies
- Fashion/Textile Development
- Fashion and textile Choices



SKILLS DEVELOPED ON THIS COURSE

- ◆ applying a range of textile construction techniques
- ◆ planning and making detailed fashion/textile items to an appropriate standard of quality
- ◆ demonstrating correct selection, set up, adjusting and use of tools and equipment, safely
- ◆ detailed understanding of textile characteristics, properties and technologies
- ◆ explaining factors that affect fashion/textile choices
- ◆ explaining fashion/textile trends

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Textile Technologies

Pupils will demonstrate their understanding of textile technologies by making a detailed fashion/textile item, using a pattern, to an appropriate standard of quality. This will require the pupil to identify an appropriate pattern, explain their choice of textiles for the item and apply a range of appropriate textile construction techniques.

Fashion/Textile Item Development

Pupils will work to a given brief to develop a detailed fashion/textile item based on a chosen fashion/textile trend. They will have to explain how a fashion/textile trend originates, develop a solution based on the trend, and produce a detailed work plan.

Fashion and Textile Choices

Pupils will carry out a detailed investigation into factors affecting fashion choice for a chosen group of consumers. They will develop a solution for a detailed fashion/textile item, they will plan, make or adapt, and evaluate a detailed fashion/textile item.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete a Practical Activity.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses in Fashion and textile related subjects
- Employment in areas such as fashion retail, fashion designing, interior design.



Food and Textile Technology

For further information about this course please contact:
Head of Faculty – Mrs S Imlach



FRENCH

National 5
National 4

SQA COURSE UNITS

- Understanding Language
- Using Language
- Added Value Unit (National 4)

SKILLS DEVELOPED ON THIS COURSE

- Read, listen, talk and write in French
- Understand and use French
- Apply knowledge of French
- Plan, research and apply language skills
- Develop literacy skills

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3
- Languages for Life and Work Award



COURSE INFORMATION

Understanding Language – Pupils will be provided with the opportunity to develop reading and listening skills in French, and to develop their knowledge and understanding of language in the contexts of society, learning, employability and culture.

Using Language– Pupils will be provided with the opportunity to develop talking and writing skills in French, and to develop their knowledge and understanding of language in the contexts of society, learning, employability and culture.

Added Value Unit (National 4) – Pupils will be provided with the opportunity to apply their language skills to investigate a chosen topic in a familiar context in French.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils must complete 4 internal assessments - 1 assessment in each of the skills of Reading, Listening, Talking and Writing within one of the contexts of society, learning, employability, or culture. There is a final talking performance (30%) which will take place between the teacher and pupil and also a final exam in Reading /Writing (50%) and in Listening (20%).

NATIONAL 4 – to achieve a PASS at National 4 level pupils must pass assessments for all of the Course Units along with the Added Value Unit. Pupils will complete 2 assessments in each skill of Reading, Listening, Talking and Writing, covering two or more of the contexts of society, learning, employability, or culture.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as law, journalism, finance, interpreting/translating, media, management, teaching, travel and tourism, diplomatic service, broadcasting , catering and hospitality etc

MODERN LANGUAGES

For further information about this course please contact:

Head of Faculty – Mrs C Cordiner
Teaching Staff – LA Broadley, J Casey, M Crolla, G Tracey
S5/6 Year Head



GEOGRAPHY

NATIONAL 5
NATIONAL 4

SQA COURSE UNITS

- Geography: Physical Environments
- Geography: Human Environments
- Geography: Global Issues
- Geography Assignment (Added Value Unit)

COURSE ENTRY REQUIREMENTS

National 5- Those who have completed Nat 4 Geography or National 4 in another Social Subject would be suitable for this course.

National 4- Those who have completed Nat 3 Geography or National 3 in another Social Subject would be suitable for this course.

SKILLS DEVELOPED ON THIS COURSE

- a range of geographical skills, techniques and experiences including fieldwork and practical activities
- a geographical perspective on environmental and social issues
- an open mind and respect for other values, beliefs and cultures
- using, interpreting and explaining a range of geographical information and geographical phenomena including maps and data
- the ability to investigate, research, critically evaluate and communicate information and findings



COURSE INFORMATION

Physical Environments – in this unit pupils will develop geographical skills and techniques by studying physical environments. Key topics include location of landscape type, formation of landscape features, land use management, weather.

Human Environments – pupils will study and compare developed and developing countries. Topics include world population distribution and change; and issues in changing urban and rural landscapes.

Global Issues – pupils will research and study global geographical issues. Topics include climate change; environmental hazards, trade and globalisation; tourism and health.

ASSESSMENT

To achieve the National 4 Geography Course **pupils must pass all of the required Units**, including the Added Value Unit. To achieve the National 5 Geography award pupils must pass all of the required units, the Added Value Unit and a Question Paper (exam). Both are marked by the SQA and will be graded A to D.

CAREER PATHWAY

- Progression to National 5 Geography, a National 4/ 5 in another Social Subject or Higher.
- Geography is accepted as a 'facilitating subject' by Colleges and University, it is recognised as an art and a science.
- Careers in areas of work such as Estate Agent, Tourism, Conservation, Travel Agent, Geology, Social care

SOCIAL STUDIES

For further information about this course please contact:

Head of Faculty – Mrs Liggins
Teaching Staff – Mrs Liggins and Mr Shaikh
S5/6 Year Head





Graphic Communications

National 5
National 4

SQA COURSE UNITS

- 2D Graphic Communication
- 3D Graphic Communication
- Value Added Project (N4 only)

COURSE ENTRY REQUIREMENTS

Pupils would be expected to have attained:

N5 Graphic Communication:

- N4 Graphic Communication

N4 Graphic Communication:

- S1 - S3 BGE

SKILLS DEVELOPED ON THIS COURSE

- Visual literacy by interpreting 2D and 3D graphic drawings.
- Spatial awareness in 2D and 3D graphic situations.
- Knowledge of standard graphic communication equipment, and software.
- Knowledge of graphic communication standards and protocols.
- Knowledge of a range of computer aided graphics techniques and practice.
- Knowledge of colour, illustration and presentation technique.

COURSE INFORMATION

Graphic Communication is an exciting course that combines both 2D and 3D graphic communication techniques. It allows you to use CAD modelling and solve real life challenges. You will also learn about graphic design rules and how these can be used to create effective graphic communication within a variety of different areas. The course will also allow you to develop your understanding of the different standards that are used in industry.

ASSESSMENT

N5 Graphic Communication is assessed by 50% external exam and 50% from internal course assignment task. N4 Graphic Communication is continuous assessment of the different units.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- At National 4 level will lead to National 5
- At National 5 level will lead to Higher Graphic Communication and advanced higher graphic communication
- College/University courses in related subjects
- Employment in areas such as Engineering, Architecture and Design (many different fields)

**DESIGN,
ENGINEERING &
TECHNOLOGY**

For further information about this course please contact:

Head of Faculty – Miss Lynsey McNamee
Teaching Staff – Design, Engineering and Technology
S5/6 Year Head



HISTORY

NATIONAL 5
NATIONAL 4

SQA COURSE UNITS

- Historical Study: Scottish
- Historical Study: British
- Historical Study: European and World



SKILLS DEVELOPED ON THIS COURSE

- evaluating the origin, purpose, content and/or context of historical sources
- evaluating the impact of historical developments, presenting information in a structured manner
- evaluating the factors contributing to historical developments, drawing reasoned conclusions supported by evidence
- with limited guidance, researching and analysing historical information
- developing a detailed and mostly accurate knowledge and understanding of historical themes and events in Scottish, British, European and world contexts

COURSE ENTRY REQUIREMENTS

This course would be suitable for any learner who is keen to develop their History knowledge and skills. Those who have completed Nat 3 History or Nat 3/Nat 4 in another Social Subject would be suitable for this course.

COURSE INFORMATION

Historical Study: Scottish Pupils will develop techniques to evaluate a range of historical sources. Events and themes of Scottish history may be studied from the Medieval, Early Modern or Later Modern period.

Historical Study: British Pupils will develop techniques to evaluate the impact of historical developments. Events and themes of British history may be studied from the Medieval, Early Modern or Later Modern period.

Historical Study: European and World Pupils will develop techniques to evaluate the factors contributing to historical developments. Events and themes of European and world history may be studied from the Medieval, Early Modern or Later Modern period.

ASSESSMENT

To achieve the National 4 History Course pupils must pass all of the required Units, including the Added Value Unit.

To achieve the National 5 History award pupils must pass all of the required units, the Added Value Unit and a Question Paper (exam). Both are marked by the SQA and will be graded A to D.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- National 5 History or National 4/ 5 in another Social Subject or Higher
- College/University courses
- Careers in areas of work such as teaching, research, tourism.

SOCIAL STUDIES

For further information about this course please contact:

Head of Faculty – Mrs Liggins
Teaching Staff – History
S5/6 Year Head





Hospitality: Cake Craft

National 5

SQA COURSE UNITS

- Cake Baking
- Cake Finishing



SKILLS DEVELOPED ON THIS COURSE

- carrying out a practical activity to meet the requirements of a design brief
- skills in baking and finishing in the production of cakes and other baked items
- creatively applying finishing techniques to cakes and other baked items
- organisational and time management skills
- the ability to evaluate both the product and the process
- using specialist tools and equipment with dexterity and precision

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4/5 Health and Food technology
- National 4/5 Hospitality

COURSE INFORMATION

Cake baking: The purpose of this Unit is to enable pupils to develop the ability to bake a range of cakes and other items safely and hygienically. In the production of a range of cakes and other baked items, pupils will demonstrate specialist skills, techniques and processes.

Cake finishing: The purpose of this Unit is to enable pupils to develop the ability to finish a range of cakes and other baked items safely and hygienically. In the finishing processes pupils will apply specialised skills and creative techniques.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete a **practical activity**. The practical activity will be drawing on the knowledge, understanding and skills developed across the Course. The activity will require pupils to demonstrate their knowledge and understanding related to cake baking and cake finishing and to apply their skills in the production of cakes or other baked items to a high standard.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- College courses in Hospitality, Cake production
- Employment in areas such as the Hospitality industry, bakery and cake decoration

Food and Textile
Technology

For further information about this course please contact:

Head of Faculty – Mrs S Imlach
FTT staff – Mrs Higgins





Hospitality: Practical Cookery

National 5
National 4

SQA COURSE UNITS

- Cookery Skills, Techniques and Processes
- Understanding and Using Ingredients
- Organisational Skills for Cooking



SKILLS DEVELOPED ON THIS COURSE

- using food preparation techniques and cookery processes in the preparation of dishes
- selecting, weighing, measuring and using appropriate ingredients to prepare and garnish or decorate dishes
- planning, costing, and organisational and time management skills in a largely familiar cookery context
- understanding of current dietary advice relating to the use of ingredients
- following recipes in the preparation of dishes and carrying out an evaluation of the product

NAT 5 – COURSE ENTRY REQUIREMENTS

- **National 4**
- **Keen interest in food and cooking**

COURSE INFORMATION

Cookery Skills, Techniques and Processes (National 5)

This Unit aims to enhance pupils' cookery skills, food preparation techniques and their ability to follow cookery processes in the context of producing dishes. Pupils will also develop an understanding of the importance of safety and hygiene and the ability to follow safe and hygienic practices at all times.

Understanding and Using Ingredients (National 5)

This Unit aims to enhance pupils' knowledge and understanding of ingredients from a variety of different sources and of their characteristics. It also addresses the importance of sustainability, the responsible sourcing of ingredients and of current dietary advice.

Organisational Skills for Cooking (National 5)

This Unit aims to extend pupils' planning, organisational and time management skills. Pupils will develop the ability to follow recipes; to plan, produce and cost dishes and meals

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete a Practical Activity

CAREER PATHWAY

Successful completion of the course could support progression towards:

- College courses available in Hospitality
- Employment in areas such as Hospitality and catering industry



Food and Textile
Technology

For further information about this course please contact:
Head of Faculty – Mrs S Imlach



ITALIAN

National 5
National 4

SQA COURSE UNITS

- Understanding Language
- Using Language
- Added Value Unit (National 4)



SKILLS DEVELOPED ON THIS COURSE

- Read, listen, talk and write in Italian
- Understand and use Italian
- Apply knowledge of Italian
- Plan, research and apply language skills
- Develop literacy skills

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3
- Languages for Life and Work Award

COURSE INFORMATION

Understanding Language – Pupils will be provided with the opportunity to develop reading and listening skills in Italian, and to develop their knowledge and understanding of language in the contexts of society, learning, employability and culture.

Using Language– Pupils will be provided with the opportunity to develop talking and writing skills in Italian, and to develop their knowledge and understanding of language in the contexts of society, learning, employability and culture.

Added Value Unit (National 4) – Pupils will be provided with the opportunity to apply their language skills to investigate a chosen topic in a familiar context in Italian.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils must complete 4 internal assessments - 1 assessment in the each of the skills of Reading, Listening, Talking and Writing within one of the contexts of society, learning, employability, or culture. There is a final talking performance (30%) which will take place between the teacher and pupil and also a final exam in Reading /Writing (50%) and in Listening (20%).

NATIONAL 4 – to achieve a PASS at National 4 level pupils must pass assessments for all of the Course Units along with the Added Value Unit. Pupils will complete 2 assessments in each skill of Reading, Listening, Talking and Writing, covering two or more of the contexts of society, learning, employability, or culture.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as law, journalism, finance, interpreting/translating, media, management, teaching, travel and tourism, diplomatic service, broadcasting , catering and hospitality etc

MODERN LANGUAGES

For further information about this course please contact:

Head of Faculty – Mrs C Cordiner
Teaching Staff – LA Broadley, J Casey, M Crolla, G Tracey
S5/6 Year Head -



<h1>Mathematics</h1>		<h1>National 4</h1>	
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> Numeracy Relationships Expressions and Formulae 		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> using appropriate notation and units selecting and carrying out calculations using measurements and results of calculations to make decisions relating decisions to real life contexts. using graphical data and situations involving probability to solve problems use mathematical reasoning skills to solve problems 	
<p>COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> National 3 Lifeskills (or equivalent) 			
<p>COURSE INFORMATION</p> <p>Numeracy - pupils will develop numerical and information handling skills to solve straightforward, real-life problems involving number, money, time and measurement</p> <p>Expressions and Formulae – pupils will develop skills linked to straightforward mathematical expressions and formulae. These include the manipulation of abstract terms, the simplification of expressions and the evaluation of formulae.</p> <p>Relationships - pupils will develop skills linked to straightforward mathematical relationships. These include solving equations, understanding graphs and working with trigonometric ratios.</p>			
<p>ASSESSMENT</p> <p>To achieve a pass at National 4 level pupils will have to pass assessments for the three course units as well as the Added Value Unit.</p> <p>The Added Value Unit is a formal assessment which pupils will undertake in school once the three units have been attained. The general aim of the Added Value Unit is to enable pupils to provide evidence of added value for the National 4 Mathematics Course through the successful completion of a test which will allow the pupil to demonstrate breadth and challenge.</p>			
<p>CAREER PATHWAY</p> <p>Successful completion of the course could support progression towards:</p> <ul style="list-style-type: none"> Higher mathematics if National 5 has been achieved College/University courses Employment in areas such as Accountancy, Finance and Engineering. 			
<h2>Mathematics</h2>		<p>For further information about this course please contact:</p> <p>Acting Head of Faculty – Mr Crombie Teaching Staff – Mathematics S5/6 Year Head</p>	



Mathematics		National 5	
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> • Applications • Expressions and Formulae • Relationships 		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> • using appropriate numerical notation and units • selecting and carrying out calculations • interpreting measurements and results of calculations to make decisions • explaining decisions based on the results of measurements or calculations and relating it to real life contexts. • interpret graphical data and situations involving probability to solve problems • use mathematical reasoning skills to solve problems 	
<p>COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 4 			
<p>COURSE INFORMATION</p> <p>Applications – pupils will develop skills linked to applications of Mathematics. These include using trigonometry, geometry, number processes and statistics within real life contexts.</p> <p>Expressions and Formulae – pupils will develop skills linked to mathematical expressions and formulae. These include the manipulation of abstract terms, the simplification of expressions and the evaluation of formulae.</p> <p>Relationships – pupils will develop skills linked to mathematical relationships. These include solving and manipulating equations, working with graphs and carrying out calculations on the lengths and angles of shapes.</p>			
<p>ASSESSMENT</p> <p>To gain the course award, pupils must pass all three of the Units as well as the course assessment. The course assessment is an external examination marked by the SQA and graded A to D.</p> <p>The aim of unit assessments is to ensure that pupils reach, at least, the minimum standard before taking the final examination in May. The purpose of the course assessment is to assess added value of the course as well as confirming attainment in the course and providing a grade. The added value for the course will address the key purposes and aims of the course.</p>			
<p>CAREER PATHWAY</p> <p>Successful completion of the course could support progression towards:</p> <ul style="list-style-type: none"> • Higher mathematics if National 5 has been achieved • College/University courses • Employment in areas such as Accountancy, Finance and Engineering. 			
Mathematics		<p>For further information about this course please contact:</p> <p>Acting Head of Faculty – Mr Crombie Teaching Staff – Mathematics S5/6 Year Head</p>	



MEDIA

National 5
National 4

SQA COURSE UNITS



- Analysing Media Content
- Creating Media Content

SKILLS DEVELOPED ON THIS COURSE

- Analysing and creating media content, as appropriate to purpose, audience and context
- Knowledge and understanding of the key aspects of media literacy, as appropriate to content
- Knowledge and understanding of the role of media within society
- Knowledge of contextual factors, constraints and freedoms that affect producers of media content
- A range of evaluation skills

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Analysing Media Content – Pupils will be required to provide evidence of the skills that are needed to analyse media content. They will demonstrate knowledge of the relevant media contents, roles and key aspects of media literacy central to the detailed analysis of media content.

Creating Media Content – Pupils will be required to provide evidence of the skills and knowledge that are needed to plan and create media content, and evaluate production processes. They will apply knowledge of the relevant key aspects of media literacy central to creating media content.

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete a question paper and a practical assignment.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as screenwriter, camera operator, casting director, media advertising, journalism

Expressive Arts

For further information about this course please contact:

Head of Faculty – Mrs M Cockburn
Teaching Staff – Media Department
S5/6 Year Head



Modern Studies

NATIONAL 5
NATIONAL 4

SQA COURSE UNITS

- Modern Studies: Democracy in Scotland and the United Kingdom
- Modern Studies: Social Issues in the United Kingdom
- Modern Studies: International Issues

COURSE ENTRY REQUIREMENTS

- National 4 in Modern Studies
- OR
- National 4 in any other Social Subject

SKILLS DEVELOPED ON THIS COURSE

- Developing and applying detailed skills, knowledge and understanding in political, social or international contexts
- Researching and using information collected from a range of sources about contemporary issues
- Using a range of sources of information to detect and explain exaggeration and selectivity in the use of facts in mostly familiar political contexts
- Giving detailed justifications for decisions made in mostly familiar social contexts using a range of sources of information
- Giving detailed support for valid conclusions

COURSE INFORMATION

Democracy in Scotland and the United Kingdom - pupils will study democracy, both in Scotland and in the wider UK context. They will investigate the different systems used to make decisions, exploring the role of the media, pressure groups and trade unions and how they influence our lives – for good and for ill.

Social Issues in the United Kingdom - pupils will study health and wealth inequalities in the UK, investigating why some people lead better lives than others, the government policies designed to address this, and the deep unfairness at the heart of benefit reform.

International Issues - pupils will study the USA – its foreign and domestic policy, government and people. They will investigate the crises of constitution, conscience and confidence afflicting the world's last remaining superpower

ASSESSMENT

There are two forms of assessment for this course:

Unit Assessment – Each unit will be individually assessed by an end of unit assessment, covering both enquiry skills and content knowledge.

Course Assessment – The entire course will be externally assessed, through use of an end of year exam paper, and an individual assignment, which will be worked on throughout the year.

CAREER PATHWAY

Successful completion of this course will support progression towards:

- Higher Modern Studies
- Highers in other Social Subjects & Psychology
- University Courses in Psychology, Sociology, Law, Politics and other Social Subjects
- Careers in Law, Politics, International Relations, Social Work and Community Support.

SOCIAL STUDIES

For further information about this course please contact:

Head of Faculty – Mrs Liggins
Teaching Staff – Modern Studies
S5/6 Year Head





MUSIC

National 5
National 4

SQA COURSE UNITS

- Music: Performing Skills
- Music: Composing Skills
- Understanding Music



SKILLS DEVELOPED ON THIS COURSE

- Preparing and performing a solo and/or group programme of music on two selected instruments;
- Performing sections of music with sufficient accuracy and maintaining the musical flow;
- Self-reflecting on and evaluating their musical and creative skills;
- Understanding the creative process and approaches used by composers when composing, arranging or improvising music;
- Understanding the effect of social and cultural influences on music;
- The ability to recognise and understand level-specific annotated music signs and symbols.

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Music: Performing Skills – Pupils will be required to provide evidence of musical performing skills on their two selected instruments. They will also evidence self-reflection of their performing skills.

Music: Composing Skills – Pupils will be required to understand the creative process and the things that influence and inspire the work of musicians.

Understanding Music – In this unit, pupils will be required to provide evidence of a breadth of knowledge of music concepts and music literacy.

COURSE ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils must pass all of the Units as well as the Course Assessment. The Course Assessment consists of Performance and a Question Paper.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as Composer, Music Therapy, Music Journalist, Recording Engineer etc.,

EXPRESSIVE ARTS

For further information about this course please contact:

Head of Faculty – Mrs M Cockburn
Teaching Staff – Music Department
S5/6 Year Head



Music Technology

National 5
National 4

SQA COURSE UNITS

- Music Technology Skills
- Understanding 20th and 21st century music
- Music technology in context



SKILLS DEVELOPED ON THIS COURSE

Pupils will:

- develop skills in the use of music technology hardware and software to capture and manipulate audio
- use music technology creatively in sound production in a range of contexts
- develop skills in musical analysis in the context of a range of 20th and 21st century musical styles and genres
- develop a broad understanding of the music industry, including a basic awareness of implications of intellectual property rights

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Music: Pupils will be expected to complete an Overdub, Recording vocals, recording an electric guitar an Mixing tracks

Understanding 20th and 21st century Music – In this unit, pupils will be required to provide evidence of a breadth of knowledge of music concepts and music literacy.

Music Technology in Context - Candidates are required to complete two briefs, each in a different context.

The contexts chosen for exemplification are

- ◆ sound design for film
- ◆ radio broadcast
- ◆ sound design for computer gaming

COURSE ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils must pass all of the Units as well as the Course Assessment. The Course Assessment consists of sound design or radio programme project and a listening paper.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as Sound engineer, DJ, Recording in Studios and a radio presenter/ producer

EXPRESSIVE ARTS

For further information about this course please contact:

Head of Faculty – Mrs M Cockburn
Teaching Staff – Music Department
S5/6 Year Head



People and Society

NATIONAL 4

SQA COURSE UNITS

- People and Society: Investigating Skills
- People and Society: Comparing and Contrasting
- People and Society: Making Decisions
- Added value assignment

SKILLS DEVELOPED ON THIS COURSE

- pupils will develop a range of skills which will enhance opportunities to engage positively in society
- knowledge and understanding of society and their place in it
- straightforward knowledge of key ideas from across social studies and social science disciplines
- an understanding of significant influences on society and individuals

COURSE ENTRY REQUIREMENTS

Those who have completed National 3 People and Society or National 3 or 4 in another Social Subject would be suitable for this course.

COURSE INFORMATION

People and Society: Investigating Skills (National 4) In this Unit, pupils will develop a range of straightforward investigating skills, including choosing suitable sources of information for an investigation, collecting information from sources of different types, and organising information. Pupils will develop these skills through choosing, with guidance, key ideas for study which will allow them to acquire straightforward knowledge and understanding of people and society.

People and Society: Comparing and Contrasting (National 4) In this Unit, pupils will develop straightforward skills of using information to compare and contrast.

People and Society: Making Decisions (National 4) In this Unit, pupils will develop straightforward skills of using information to make decisions

ASSESSMENT

To achieve the National 4 People and Society Course pupils must pass all of the required Units, including the Added Value Unit.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- National 4/ 5 in another Social Subject
- College/University courses
- Careers in areas of work such as teaching, politics, local government, social care.

SOCIAL STUDIES

For further information about this course please contact:

Head of Faculty – Mrs Liggins
Teaching Staff –all Social Subjects staff
S5/6 Year Head





Physical Education

National 5
National 4

SQA COURSE UNITS :

- Added Value (Performance) (National 4)
- Factors Impacting Performance (Unit)
- Performance Skills (Unit)



SKILLS DEVELOPED ON THIS COURSE

- Safely perform a range of movement and performance skills.
- Understand factors that impact on personal performance in physical activities.
- Monitor, record and evaluate performance development.
- Decision-making and problem-solving in performance contexts.
- Organisational skills in preparing for, and during, physical activities.

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

COURSE INFORMATION

Performance Skills – Pupils will be required to demonstrate their ability to perform in physical activities by developing a broad range of movement and performance skills. They will provide evidence of selecting, using, demonstrating and adapting these skills in a safe and effective way.

Factors Impacting Performance - Pupils will be required to demonstrate knowledge, understanding and application of a range of factors that impact positively and negatively on performance in physical activities. They will consider the effects of mental, emotional, social and physical factors on their own performance. This understanding will help to develop pupils' ability to plan for, record, monitor and evaluate performance development.

ASSESSMENT

NATIONAL 5 – To achieve the Course award at National 5 level, pupils will have to complete (pass) all Units at National 5, the Course assessment portfolio (60%) and the Performance assessment task (40%).

NATIONAL 4 – To achieve a PASS at National 4 level pupils will have to pass all of the Course Units along with the Added Value Unit. The Added Value (Performance) requires pupils to prepare for the performance, select and apply appropriate knowledge and skills during the performance and follow rules /guidelines or protocols and accept decisions.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses : B(Ed) Physical Education, Ba (Sports Management)
- Employment in areas such as: Health and Leisure Industry, ,Education, Sports Coaching

Physical Education

For further information about this course please contact:

Head of Faculty – Mr C Mc Sherry
Teaching Staff – Physical Education Faculty



PHYSICS

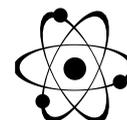
National 5
National 4

SQA COURSE UNITS

- Physics: Electricity and Energy
- Physics: Waves and Radiation
- Physics: Dynamics and Space

SKILLS DEVELOPED ON THIS COURSE

- in-depth knowledge and understanding of Physics
- applying this knowledge and understanding to new situations
- an understanding of the role of Physics in scientific issues and relevant applications of Physics in society and the environment
- scientific inquiry, investigative, analytical and evaluative thinking skills in Physics and real life contexts
- the ability to use technology, equipment and materials
- problem-solving skills and creativity in a Physics context



NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4 Physics

NAT 4 – COURSE ENTRY REQUIREMENTS

- Nat 3 Physics
- Nat 4 in another Science subject

COURSE INFORMATION

Electricity and Energy – Pupils will investigate energy transfer, heat and the gas laws

Waves and Radiation – Pupils will learn about waves and nuclear radiation

Dynamics and Space – Pupils will research issues involving kinematics, forces and space.

ASSESSMENT

NATIONAL 5 - To gain the course award, pupils **must pass all of the Units** as well as the **Course Assessment**. The Course Assessment consists of an Assignment (a research investigation) and a Question Paper (exam). Both are marked by the SQA and will be graded A to D.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the Added Value Unit.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Higher grade course if National 5 has been achieved
- College/University courses
- Employment in areas such as Engineering, Robotics, Optometrist



SCIENCE

For further information about this course please contact:

Head of Faculty – Mr A Gillies
Teaching Staff – Physics Department
S5/6 Year Head



Practical Wood Working

National 5
National 4

SQA COURSE UNITS

- Woodwork- Flat frame construction.
- Woodwork- Carcase construction.
- Woodwork- Machining and Finishing.
- Woodwork- National 4 Added value unit.
National 5 Final Project.

NAT 5 – COURSE ENTRY REQUIREMENTS

- National 4

NAT 4 – COURSE ENTRY REQUIREMENTS

- National 3

SKILLS DEVELOPED ON THIS COURSE

- An acute sense of safety for yourself and others.
- Marking out skills.
- Manunua Tool Skills.
- Machining skills.
- Assembly skills.
- Finishing skills including staining and varnishing.
- An ability to evaluate the quality of work produced.

COURSE INFORMATION

Flat frame construction - Pupils will manufacture a project (e.g. a mirror and stand) using halving joints, mortise and tenon joints etc. as well as developing an awareness of craft room safety.

Carcase construction - Pupils will manufacture a project (e.g. a drawer unit) using a variety of housing joints.

Machining and finishing - Pupils will make a project (e.g. a small table) using a variety of machines including fret saws, pillar drills and the mortising machine.

Project - Pupils will bring all the skills taught in the units to produce a final model. (E.g. a desk, chair etc.)

ASSESSMENT

NATIONAL 5 – to pass the Course award at National 5 level pupils will have to complete all three units as well as the final project. The units are marked as pass or fail while the final project will be graded A to D.

NATIONAL 4 – to achieve a PASS at National 4 level pupils will have to pass assessments for all of the Course Units along with the final project.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Apprenticeships needing woodworking skills. Further education where the courses have a practical element.
- Employment in areas such as Joinery, carpentry, furniture making, design /architects offices where model making is involved.

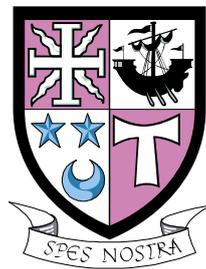
DESIGN, ENGINEERING & TECHNOLOGY

For further information about this course please contact:

Head of Faculty – Miss Lynsey McNamee
Teaching Staff – **Design, Engineering and Technology**
S5/6 Year Head

S5 Course Information

Session 2016/17



Higher Grade



ADMINISTRATION & IT

HIGHER

SQA COURSE UNITS

- Administrative Theory and Practice
- IT Solutions for Administrators
- Communication in Administration

SKILLS DEVELOPED ON THIS COURSE

- develop a range of advanced IT skills for processing and managing information
- develop a range of skills to communicate complex information effectively, making appropriate use of IT
- acquire skills in managing the organisation of events
- business literacy, business numeracy
- team working, time/task management skills

ENTRY REQUIREMENTS

- National 5 Administration & IT
- Intermediate 2 Administration



COURSE INFORMATION

Administrative Theory and Practice – Pupils will develop their knowledge and understanding of personal effectiveness techniques used in the workplace, such as the strategies for effective time and task management and benefits of team working. The theory in this Unit will also cover customer care policies and strategies.

IT Solutions for Administrators – Pupils will develop the ability to use a range of advanced functions of IT applications including word processing, spreadsheets, databases, or emerging equivalent technologies. The software packages will be used to analyse, process and manage information in order to create and edit complex business documents.

Communication in Administration - Pupils will develop an understanding of barriers to communication and ways of overcoming them to ensure communication is understood. Needs of the audience when communicating will be considered along with the security and confidentiality of data in the workplace.



ASSESSMENT



To achieve the course award pupils must achieve a pass in all 3 of the SQA units along with a pass in the final course assessment.

The course assessment will include a **question paper** and an **administration- and IT-based assignment**. The assignment will require pupils to complete tasks relating to managing the organisation of an event.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- College courses in Administration and/or University courses in Business related subjects
- Employment in areas such as Administration, Finance, Human Resource, Events Management

IT & EMPLOYABILITY

For further information about this course please contact:

Head of Faculty – Ms S Ayres
Teaching Staff – Business Education
S5/6 Year Head



<h1>ART & DESIGN</h1>		<h1>HIGHER</h1>
 <p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> • Art and Design: Expressive Activity • Art and Design: Design Activity 		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> • producing focused investigative studies and market research for a complex design activity • skills in using a range of art and design materials, techniques and/or technology creatively • developing and refining a variety of personal and creative ideas for art and design • analysing and critically reflecting on artists' and designers' use of materials, techniques and/or technology • analysing the impact of social, cultural and other influences on artists' and designers' work • using a range of complex problem solving, planning and self-evaluation skills within the creative process
<p>HIGHER – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 5 	<p>NAT 5 – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 4 	
<p>COURSE INFORMATION</p> <p>Expressive Activity This Unit helps pupils to develop their personal thoughts and ideas in visual form. In the Unit, pupils will develop critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce investigative drawings and studies. They will develop and refine their expressive ideas and artwork, experimenting with and using a range of materials, techniques and/or technology in 2D and/or 3D formats in response to the stimuli.</p> <p>Design Activity In this Unit pupils will plan, research and develop creative design work in response to a design brief. They will develop their creativity, problem solving and critical thinking skills as they consider complex design opportunities, and work to resolve design issues and constraints.</p>		
<p>ASSESSMENT Component 1 — portfolio 160 marks Component 2 — question paper 40 marks Total marks 200 marks</p>		
<p>CAREER PATHWAY Successful completion of the course could support progression towards:</p> <ul style="list-style-type: none"> • Advanced Higher grade course if Higher has been achieved • College/University courses • Employment in areas such as (Graphic Design, Product Design, Fashion Design, Website Design, Games Design, Art Curator, Advertising, Architecture, Textile Design, Art Therapy, Publicity, Costume Design, etc) 		
<h2>EXPRESSIVE ARTS</h2>	<p>For further information about this course please contact: Head of Faculty – Mrs Cockburn Teaching Staff – Art and Design S5/6 Year Head</p>	



BIOLOGY

HIGHER

SQA COURSE UNITS

- DNA and the Genome
- Metabolism and Survival
- Sustainability and interdependence



SKILLS DEVELOPED ON THIS COURSE

- analytical and problem solving skills
- planning and designing
- investigations/experiments
- safely carry out investigations/experiments and record detailed observations and collecting data
- drawing valid conclusions and giving explanations supported by evidence
- communicating findings/information

HIGHER – COURSE ENTRY REQUIREMENTS

The course is suitable for pupils who are secure in their attainment of National 5 Biology.

COURSE INFORMATION

DNA and the Genome – pupils will develop knowledge through study of DNA and the genome. This unit explores the molecular basis of evolution and biodiversity, while the unit of life is emphasised in the study of gene expression.

Metabolism and Survival - analytical thinking and problem solving skills will be developed in context, through investigation of how cellular respiration is fundamental to metabolism and by examining the stages of respiration.

Sustainability and Interdependence – pupils will develop knowledge by investigating how humans depend on sufficient and sustainable food production from a narrow range of crop and livestock species, focusing on photosynthesis in plants.



ASSESSMENT

To achieve the course award at Higher Grade all pupils must pass all assessment outcomes for the SQA Units along with the course assessment. The final course assessment will include a question paper and an assignment.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Advanced Higher Grade courses
- College/University courses
- Employment in areas such as marine biology, hygienist, ranger



SCIENCE FACULTY

For further information about this course please contact:

Head of Faculty – Mr A Gilles
Teaching Staff – Biology
S5/6 Year Head



BUSINESS MANAGEMENT

HIGHER

SQA COURSE UNITS

- Understanding Business
- Management of People and Finance
- Management of Marketing and Operations



COURSE ENTRY REQUIREMENTS

Pupils would be expected to have attained:

- National 5 Business Management or Intermediate 2 Business Management

SKILLS DEVELOPED ON THIS COURSE

- problem solving and decision making skills
- communication skills
- management of risk and business development
- leadership and management skills
- numeracy/financial analysis skills
- customer care
- ICT skills
- team working skills
- analysis of data and presentation of information

COURSE INFORMATION

Understanding Business - pupils will study the ways in which organisations in the private, public and third sectors operate. They will also analyse and evaluate the impact that the external environment has on an organisation's activity and how external factors can influence decision making.

Management of People and Finance - topics which will be studied include motivation, leadership, employment legislation and employee relations, sources of finance, understanding financial statements and ratio analysis.



Management of Marketing and Operations – the importance of marketing and a range of marketing techniques will be studied along with stock control methods, production and quality assurance techniques. Pupils will also assess the impact of technology on both marketing and operation functions.



ASSESSMENT

To achieve the course award at Higher Grade level the pupils will have to pass assessments for all of the SQA units along with the final course assessment which includes a **Question Paper** and a **Business Research Assignment**.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- Advanced Higher Business Management
- College/University courses
- Employment in areas such as Marketing, Human Resource, Finance, Operations, Management.



IT & EMPLOYABILITY

For further information about this course please contact:

Head of Faculty – Ms Ayres
Teaching Staff – Business Education
S5/6 Year Head



CHEMISTRY

HIGHER

SQA COURSE UNITS

- Chemical Changes and Structure
- Researching Chemistry
- Nature's Chemistry
- Chemistry in Society



SKILLS DEVELOPED ON THIS COURSE

- applying knowledge of chemistry to new situations
- interpreting information and solving problems
- planning and designing experiments
- safely carry out experiments, recording detailed observations and collecting data
- drawing valid conclusions from research data
- communicating findings/information

HIGHER – COURSE ENTRY REQUIREMENTS

The course is suitable for pupils who are secure in their attainment of National 5 Chemistry.

COURSE INFORMATION

Chemical Changes and Structures – this unit covers the knowledge and understanding of controlling reaction rates and periodic trends, and strengthens the pupil's ability to make reasoned evaluations by recognising underlying patterns and principles.

Researching Chemistry - this unit covers the key skills necessary to undertake research in chemistry. Pupils will research the relevance of chemical theory to everyday life by exploring the chemistry behind a topical issue.

Nature's Chemistry – pupils develop their knowledge and understanding of organic chemistry within the context of the chemistry of food and the chemistry of everyday consumer products, soaps, detergents, fragrances and skincare.

Chemistry in Society – pupils develop their knowledge and understanding of the principles of physical chemistry which allow a chemical process to be taken from the researcher's bench through to industrial production.



ASSESSMENT

To achieve the course award at Higher Grade all pupils must pass all assessment outcomes for the SQA Units along with the course assessment. These will be assessed with a question paper and an assignment.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Advanced Higher Grade courses
- College/University courses
- Employment in areas such as teacher, geoscientist, phlebotomist

SCIENCE FACULTY

For further information about this course please contact:

Head of Faculty – Mr A Gillies
Teaching Staff – Chemistry
S5/6 Year Head



COMPUTING SCIENCE		HIGHER
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> Information System Design and Development Software Design and Development 	<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> pupils will develop software and information system design and development skills, and knowledge and understanding of advanced computing science concepts and processes in a variety of contexts. understanding of the legal, environmental, economic and social impact of contemporary computing technologies communicating understanding of advanced concepts related to software design and development, and information system design and development, clearly and concisely using appropriate terminology 	
<p>COURSE ENTRY REQUIREMENTS</p> <p>Pupils would be expected to have attained:</p> <ul style="list-style-type: none"> N5 Computing Science Int 2 Computing 		
<p>COURSE INFORMATION</p> <p>Information Systems Design And Development – pupils will apply their computational thinking skills to implement practical solutions using a range of development tools and to develop an understanding of the technical, legal, environmental, economic and social issues related to one or more information systems.</p> <p>Software Design And Development - pupils will develop their programming and computational thinking skills by designing, implementing, testing and evaluating practical solutions and explaining how these programs work. They will also develop an understanding of computer architecture and the concepts that underpin how programs work. Through investigative work, pupils will gain an awareness of the impact of contemporary computing technologies.</p>		
<p>ASSESSMENT</p> <p>To achieve the course award at Higher Grade level the pupils will have to pass assessments for all of the SQA units along with the course assessment (Assignment and Question Paper)</p>		
<p>CAREER PATHWAY</p> <p>Successful completion of this course could support progression towards:</p> <ul style="list-style-type: none"> Advanced Higher Computing Science College/University courses Employment in areas such as Software Engineering, Database Design and Administration, Telecommunications, Oil & Gas Industry, Computer Technical Support, Network Administration, Games Development, Teacher/Trainer. 		
<p>IT & EMPLOYABILITY</p>	<p>For further information about this course please contact:</p> <p>Head of Faculty – S Ayres Teaching Staff – Computing S5/6 Year Head</p>	



DANCE

HIGHER

SQA UNITS

- Technical skills
- Choreography



SKILLS DEVELOPED ON THIS COURSE

- Technical dance skills
- Choreographic skills
- Creativity
- Cooperation
- Confidence
- Leadership
- Organisation skills
- Evaluation & Appreciation skills

HIGHER DANCE – COURSE ENTRY REQUIREMENTS

For entry to this course learners are expected to have attained the skills, knowledge and understanding of the National 5 Dance Qualification at band 1 or 2 and/or equivalent qualifications or experience. Pupils are also expected to wear appropriate dance leotards and footwear.

COURSE INFORMATION

Technical Skills – Pupils will be expected to demonstrate their knowledge and understanding of 2 different dance styles. Pupils will also have to demonstrate refined technical skills and principles in 2 contrasting dance styles (Jazz & Contemporary). Pupils are required to perform the 2 styles to a higher standard for an external examiner at the end of the year.

Choreography – Pupils will develop and demonstrate their knowledge and understanding of complex choreographic principles. Pupils need to apply these principles to create a piece of group choreography. Pupils are required to develop and present their choreography to an external examiner.

ASSESSMENT

To gain the award of the Course, pupils must pass all of the Units as well as the Course assessments. Course assessment will provide the basis for the grading attainment in the Course award.

CAREER PATHWAY

- Musical Theatre
- Level 3 National Diploma Performing Arts (Dance)
- NPA Dance
- HND Professional Stage Dance
- HND Dance Artists
- Further education, education/training.



**PHYSICAL
EDUCATION**

For further information about this course please contact:

Head of Faculty – Mr McSherry
PE/Dance Teacher – Mrs Duffy, Ms Lister



Design and Manufacture

HIGHER

SQA COURSE UNITS

- Design
- Materials and Manufacture

COURSE ENTRY REQUIREMENTS

Pupils would be expected to have attained:

- Design and Manufacture at National 5
- Art and Design at National 5 or Higher
-

SKILLS DEVELOPED ON THIS COURSE

- skills needed for research and evaluation.
- skills used when using ideas generation techniques.
- a complete range of graphics skills and techniques.
- skills used in modelling and manufacturing.
- the skills needed in order to understand Designing and Manufacturing processes and their impact on society

COURSE INFORMATION

Design- pupils will gain the skills needed in order to progress from an initial brief to design proposals. They will develop experience in evaluating proposals in order to refine and improve them.

Materials and manufacture- Pupils will gain the skills needed in order to plan and produce models. They will also develop a strong appreciation of industrial techniques and processes.

ASSESSMENT

To achieve the course award at Higher Grade level the pupils will have to pass assessments for all of the SQA units along with the course assignment and the external exam paper.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- College/University courses in product design, engineering, architecture, automotive design etc.
- Employment in areas such as design offices, architectural firms, engineering companies etc.

DESIGN, ENGINEERING &
TECHNOLOGY

For further information about this course please contact:

Head of Faculty – Miss Lynsey McNamee
Teaching Staff – Design, Engineering and Technology



<h1>DRAMA</h1>		<h1>HIGHER</h1>
		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> • responding to text, including stimuli, when creating drama • working with others to share and use drama ideas • developing knowledge and understanding of social and cultural influences when creating drama • exploring drama form, structure, genre and style • gaining knowledge and understanding of complex production skills • using complex drama and production skills when presenting • using evaluative skills within the creative process
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> • Drama Skills • Drama: Production Skills 	<p>HIGHER – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 5 	
<p>NAT 5 – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 4 		
<p>COURSE INFORMATION</p> <p>Drama Skills Pupils will explore and develop complex drama skills and ways of communicating thoughts and ideas to an audience. They will learn how to respond to text, including stimuli. They will also learn how to develop character in a range of ways and develop understanding of form, structure, genre and style when creating and presenting drama. Pupils will also explore the work of a key practitioner. Pupils will develop knowledge and understanding of the social and cultural influences on drama. They will also learn how to evaluate their own progress and that of other pupils.</p> <p>Drama: Production Skills Pupils will develop complex production skills particularly in directing. They will use these skills to enhance drama when presenting. Pupils will also use problem-solving skills in order to generate ideas for presenting drama. Pupils will also explore the work of a second key practitioner</p>		
<p>ASSESSMENT Component 1 — project dissertation 40 marks Component 2 — performance 60 marks Total marks 100 marks</p>		
<p>CAREER PATHWAY Successful completion of the course could support progression towards:</p> <ul style="list-style-type: none"> • College/University courses • Employment in areas such as theatre design and performance, film and television, youth and community work, theatre box office and front of house, teaching or any career pathway that requires verbal communication because drama skills are skills for life. 		
<h2>EXPRESSIVE ARTS</h2>		<p>For further information about this course please contact: Head of Faculty – Mrs Cockburn Teaching Staff – Drama S5/6 Year Head</p>



ENGLISH

Higher

SQA COURSE UNITS

- Creation and Production
- Analysis and Evaluation

SKILLS DEVELOPED ON THIS COURSE

- Listening
- Reading
- Writing
- Talking
- Research and planning
- Pupils will work on a range of areas covering literacy, analytical and evaluative skills.



Higher – COURSE ENTRY REQUIREMENTS

- National 5

COURSE INFORMATION

Creation and Production involves writing and presentation skills. The writing is about literature studied; reflective and personal topics and discursive/transactional subjects. There is also a requirement to produce and deliver a presentation verbally.

Analysis and Evaluation is about Reading and Listening skills. Candidates will write about texts they have read and demonstrate their listening skills in a variety of ways.

ASSESSMENT

HIGHER – to achieve the Course award at Higher level pupils will have to complete a pass at both units and a submit a folio of written work. There is a final two paper exam which, along with the folio, will decide on the final grade.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Advanced English
- College/University courses
- Employment in areas such as journalism, teaching, law, humanities subjects etc

ENGLISH AND LITERACY

For further information about this course please contact:

Head of Faculty – Mr Munro
Teaching Staff – English and Literacy Faculty
S5/6 Year Head



Environmental Science

HIGHER

SQA COURSE UNITS

- Environmental Science: Living Environment
- Environmental Science Earth’s Resources
- Environmental Science: Sustainability
- Environmental Science Assignment

SKILLS DEVELOPED ON THIS COURSE

- demonstrating knowledge and understanding of environmental science by making statements, describing information, providing explanations;
- applying knowledge of environmental science to familiar situations, interpreting information and solving problems;
- planning and safely carrying out practical investigations/experiments to illustrate effects
- applying information handling skills including selecting, presenting and processing information;
- evaluating information to solve problems and make decisions;
- making generalisations based on evidence/information;
- drawing valid conclusions and giving explanations supported by evidence.

COURSE ENTRY REQUIREMENTS

Those who have completed National 5 Environmental Science, National 5 Geography or National 5 in any science subject would be suitable for this course.

COURSE INFORMATION

The Course develops a scientific understanding of environmental issues. It develops learners’ interest and enthusiasm for environmental science in a range of contexts, as well as their investigative and experimental skills. Environmental science takes a problem solving approach to attempt to develop solutions that prevent or reverse environmental deterioration and aim for sustainable practices. This allows a deeper understanding of environmental issues and possible solutions to these.

The Course provides a range of opportunities for learners to investigate key areas of the living environment such as biodiversity and interdependence. Through the Earth’s systems, learners will investigate resource issues in the atmosphere, hydrosphere, geosphere and biosphere. Sustainability and sustainable development will be explored through food, water and energy security as well as investigating issues regarding waste.

Due to its interdisciplinary nature, learners can gain additional benefits from studying Environmental Science along with Geography and other science subjects (Biology in particular).

ASSESSMENT

To pass the Course award at Higher level learners will have to pass assessments for all course units, complete an assignment and pass external examination.

CAREER PATHWAY

- Higher Geography or Biology, or other science subject at Higher
- College/University courses relating to conservation, land management, forestry
- Careers in areas of work such as conservation, land management, science, forestry

SOCIAL STUDIES

For further information about this course please contact:
 Heads of Faculties – Mrs Liggins
 Teaching Staff – Mr Shaikh
 S5/6 Year Head





<h1>Fashion and Textile Technology</h1>		<h1>Higher</h1>
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> Textile Technologies Fashion Item Development Fashion & Textile Choices 		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> investigation and problem solving skills in developing design ideas and item development proposals developing ideas, planning, making and evaluating fashion/textile items applying knowledge and understanding in the selection and use of appropriate textiles that are fit for the purpose evaluating the suitability of fashion/textile items for specified purposes selecting and applying a range of textile construction techniques
<p>COURSE ENTRY REQUIREMENTS</p> <p>Pupils would be expected to have attained:</p> <ul style="list-style-type: none"> National 5 Fashion and Textile Technology 		
<p>COURSE INFORMATION</p> <p>Fashion and Textile Choices - pupils will investigate a range of issues influencing the fashion/textile industry. This could include ethical, environmental, economic, social and cultural issues. They will analyse how these issues influence decisions taken by industry and choices made by consumers and evaluate how fashion/textile items meet a range of consumer or industry needs.</p> <p>Fashion Item Development - pupils will explore the fashion item development process. They will develop knowledge and understanding of how industry creates and develops fashion. They will produce their own fashion items to meet the needs of briefs and evaluate these items.</p> <p>Textile Technologies - pupils will develop and apply their knowledge and understanding of textile technologies and construction techniques. They will explore the characteristics and properties of a range of textiles and their uses in making fashion/textile items.</p>		
<p>ASSESSMENT</p> <p>The course is assessed by an assignment which is 100% of the total marks</p>		
<p>CAREER PATHWAY</p> <p>Successful completion of this course could support progression towards:</p> <ul style="list-style-type: none"> College/University courses Degrees in Fashion & Textiles – design, interior design Employment in areas such as Textile/fashion designer, stylist, interior designer, marketing, retail 		
<p>Food and Textile Technology</p>	<p>For further information about this course please contact: Head of Faculty - Mrs S Imlach Teaching Staff – Fashion and Textile Technology S5/6 Year Head</p>	





French

HIGHER

SQA COURSE UNITS

- Understanding language
- Using language

COURSE ENTRY REQUIREMENTS

Learners would be expected to have attained:

- National 5 – French

SKILLS DEVELOPED ON THIS COURSE

- Read, listen, talk and write in French
- Understand and use French language
- Apply knowledge of French
- Plan, research and apply language skills
- Develop literacy skills



COURSE INFORMATION

The course consists of two units:

- **Understanding Language**
- **Using Language**

Both units develop language skills and cover the **contexts** of society, learning, employability and culture

Pupils will:

- **develop** and practise the **skills** which they have *already* acquired
- increase their **knowledge** of the structure of the language and the **culture** of the countries in which the language is spoken
- learn new skills of **presentation, discussion and translation**

ASSESSMENT

To achieve the course award at Higher Grade level the learners will have to pass assessments for all of the SQA units along with an external exam.



CAREER PATHWAY

Successful completion of this course could support progression towards:

- Advanced Higher French
- College/University courses
- Employment in areas such as law, journalism, interpreting/translating, media, management, teaching, travel and tourism, diplomatic service, broadcasting, catering and hospitality etc

LANGUAGES

For further information about this course please contact:

Head of Faculty – Mrs C Cordiner
Teaching Staff – Modern Languages
S5/6 Year Head



GEOGRAPHY

HIGHER

SQA COURSE UNITS

- Physical Environments
- Human Environments
- Global issues

COURSE ENTRY REQUIREMENTS

Learners would be expected to have attained:

- National 5
-

SKILLS DEVELOPED ON THIS COURSE

- Literacy
- Numeracy
- Communication skills
- Computer skills
- Graphical skills
- Logical reasoning
- Teamwork
- Investigation and research skills
- Problem posing and solving
- Empathy for people's needs and concern on a local and global scale



COURSE INFORMATION

You will develop an understanding of the ways in which people and the environment interact, as well as gain important insights into the issues that really matter in an increasingly diverse and fast paced world.

The course will provide you with the evaluative and analytical tools that are necessary to understanding such complex interactions. As a consequence you will develop skills in critical thinking and in the presentation of well-reasoned viewpoints.

ASSESSMENT

Each SQA unit will be assessed in class. All units must be passed to be able to achieve a full course award. You will be allowed to resit unit tests if necessary.

The final course grade will be based on an external examination in June (75%) and a Geographical Assignment (25%) completed in class.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- Advanced Higher Geography
- College/University courses
- Employment in areas such as Tourism, Conservation, Travel Agent, Geology, Social Care

Social Subjects Faculty

For further information about this course please contact:

Head of Faculty – Mrs Liggins
Teaching Staff – Geography staff
S5/6 Year Head



Graphic Communication

HIGHER

SQA COURSE UNITS

- 2D Graphic Communication
- 3D Graphic Communication

SKILLS DEVELOPED ON THIS COURSE

- creativity in the production of graphic communications to produce visual impact to meet a specified purpose.
- skills in evaluating the effectiveness of graphics in communicating and meeting their purpose.
- an understanding of graphic communication standards protocols and conventions where these are apply.
- an understanding of the impact of graphic communication technologies on our environment and society.

COURSE ENTRY REQUIREMENTS

Pupils would be expected to have attained:

- **National 5 level in Graphic Communications**
- **National 5 level or Higher in Art and Design**

COURSE INFORMATION

The graphic communication course will allow pupils to develop a variety of different skills and abilities which will allow them to communicate effectively. The course will give you the opportunity to work in a real life way by solving a range of different graphics briefs.

2D Graphic Communication

Pupils develop their creativity and skills by initiating, developing and communicating ideas using 2D graphic techniques.

3D Graphic Communication

Pupils will develop spatial awareness by initiating, developing and communicating a range of 3D techniques

Throughout the 2D and 3D units pupils will develop an understanding of how graphic communication technologies impact on our environment and society.

ASSESSMENT

To achieve the course award at Higher Grade level the pupils will have to pass assessments for all of the SQA units along with a portfolio and a final Exam. Each element is worth 50%.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- Advanced higher Graphic Communication
- College/University courses
- Employment in areas such as Engineering, Design and Architecture

**DESIGN, ENGINEERING &
TECHNOLOGY**

For further information about this course please contact:

Head of Faculty – Miss Lynsey McNamee
Teaching Staff – Design, Engineering and Technology
S5/6 Year Head



Health and Food Technology

Higher

SQA COURSE UNITS

- Food for Health
- Food Product Development
- Contemporary Food Issues



SKILLS DEVELOPED ON THIS COURSE

- analysing the relationship between health, food and nutrition
- understanding the practical application of the functional properties of food
- analysing a range of contemporary issues influencing food choice
- applying a range of technological skills related to food production
- organisational and management skills necessary to research, plan, prepare and evaluate products and processes

COURSE ENTRY REQUIREMENTS

Learners would be expected to have attained:

- **National 5 Health and Food Technology**

COURSE INFORMATION

Health and Food Technology: Food for Health -The general aim of this Unit is to develop learners' knowledge, understanding and skills to enable them to analyse the relationship between health, food and nutrition. Learners will also analyse dietary needs for individuals at various stages of life and explain current dietary advice. Through practical activities, the learner will produce and evaluate food products which meet individual needs.

Health and Food Technology: Food Product Development -The general aim of this Unit is to allow learners to develop knowledge and understanding of the functional properties of ingredients in food and their use in developing food products. Learners will develop an understanding of the stages involved in developing a food product.

Health and Food Technology: Contemporary Food Issues - In this Unit, learners will investigate a range of contemporary food issues. They will analyse how these issues influence decisions taken by consumers when making food choices.

ASSESSMENT

Assignment 50%

Exam 50%

CAREER PATHWAY

Successful completion of this course could support progression towards:

- Advanced Higher Health and Food Technology
- College/University courses : BSc Dietetics, Nutrition, Consumer Studies
- Employment in areas such as health professions, nutrition research, teaching and food production.

Food and Textile Technology

For further information about this course please contact:

Head of Faculty – Mrs S Imlach
Teaching Staff – Ms Greatorex





HISTORY

HIGHER

SQA COURSE UNITS

3 units will be studied. They will be:

1. Historical Study: British: Britain 1851-1951
2. Historical Study: European and World: Russia 1881-1921
3. Scottish History: Migration & Empire 1850-1939

COURSE ENTRY REQUIREMENTS

Learners would be expected to have attained:

- National 5

SKILLS DEVELOPED ON THIS COURSE

- Evaluating the origin, purpose, content and context of historical sources
- Evaluating the impact of historical developments and presenting information in a structured manner
- Researching and analysing historical information
- Debate and communication
- Structured and extended writing
- Research using information technology

COURSE INFORMATION

Course Units are studied in terms of a number of key issues. The British and European/World Studies Units focus on historical understanding and analysis through structured and extended writing, while the Scottish History Unit focuses on historical understanding and analysis through the interpretation, evaluation and comparison of sources of historical evidence. In addition, through their work on the Assignment in particular, candidates are encouraged to take more independent responsibility for their own learning.



ASSESSMENT

To achieve the course award at Higher Grade level the learners will have to pass assessments for all of the SQA units along with an SQA external assessment which includes – an assignment and two exam papers.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- Advanced Higher History
- College/University courses
- Employment in areas such as research, tourism, teaching, law, journalism, politics

SOCIAL SUBJECTS

For further information about this course please contact:

Head of Faculty – Mrs Liggins
Teaching Staff – all History staff
S5/6 Year Head



<h1 style="font-size: 2em;">Italian</h1>		<h1 style="font-size: 2em;">HIGHER</h1>	
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> • Understanding language • Using language 		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> • Read, listen, talk and write in Italian • Understand and use Italian language • Apply knowledge of Italian • Plan, research and apply language skills • Develop literacy skills 	
<p>COURSE ENTRY REQUIREMENTS Learners would be expected to have attained:</p> <ul style="list-style-type: none"> • National 5 – Italian 			
<p>COURSE INFORMATION</p> <p>The course consists of two units:</p> <ul style="list-style-type: none"> • Understanding Language • Using Language <p>Both units develop language skills and cover the contexts of society, learning, employability and culture</p> <p>Pupils will:</p> <ul style="list-style-type: none"> • develop and practise the skills which they have <i>already</i> acquired • increase their knowledge of the structure of the language and the culture of the countries in which the language is spoken • learn new skills of presentation, discussion and translation 			
<p>ASSESSMENT</p> <p>To achieve the course award at Higher Grade level the learners will have to pass assessments for all of the SQA units along with an external exam.</p>			
<p>CAREER PATHWAY</p> <p>Successful completion of this course could support progression towards:</p> <ul style="list-style-type: none"> • Advanced Higher Italian • College/University courses • Employment in areas such as law, journalism, interpreting/translating, media, management, teaching, travel and tourism, diplomatic service, broadcasting, catering and hospitality etc 			
<p>MODERN LANGUAGES</p>		<p>For further information about this course please contact: Head of Faculty – Mrs C Cordiner Teaching Staff – Modern Languages S5/6 Year Head</p>	



MATHEMATICS

HIGHER

SQA COURSE UNITS

There are 3 SQA units for the Higher Mathematics course.



- **Expressions and Functions**
- **Relationships and Calculus**
- **Applications**

SKILLS DEVELOPED ON THIS COURSE

- understand and use a range of complex mathematical concepts and relationships
- select and apply operational skills in algebra, geometry, trigonometry, calculus and statistics within mathematical contexts
- select and apply skills in numeracy
- use mathematical reasoning skills to extract and interpret information and to use complex mathematical models
- use mathematical reasoning skills to think logically, provide justification or proof and solve problems
- communicate mathematical information with complex features

COURSE ENTRY REQUIREMENTS

Learners would be expected to have attained:

- National 5 – Grade A or B

COURSE INFORMATION

This Course allows learners to acquire and develop the attributes and capabilities of the four capacities. For example: success in mathematical learning and activity leads to increased confidence as an individual; being able to think logically helps towards being a responsible citizen; and being able to understand, use and communicate mathematical ideas will assist in becoming an effective contributor. It will develop, deepen and extend the mathematical skills necessary at this level and beyond. Learners will acquire and apply operational skills necessary for exploring mathematical ideas through symbolic representation and diagrams. In addition, learners will develop mathematical reasoning skills and will gain experience in making informed decisions. Units are statements of standards for assessment and not programmes of learning and teaching. They can be delivered in a number of ways. Units may be delivered in parallel or in sequence.

Mathematics: Expressions and Functions (Higher) - The general aim of this Unit is to develop knowledge and skills that involve the manipulation of expressions, the use of vectors and the study of mathematical functions. The Outcomes cover aspects of algebra, geometry and trigonometry, and also skills in mathematical reasoning and modelling.

Mathematics: Relationships and Calculus (Higher) - The general aim of this Unit is to develop knowledge and skills that involve solving equations and to introduce both differential calculus and integral calculus. The Outcomes cover aspects of algebra, trigonometry, calculus, and also skills in mathematical reasoning and modelling.

Mathematics: Applications (Higher) - The general aim of this Unit is to develop knowledge and skills that involve geometric applications, applications of sequences and applications of calculus. The Outcomes cover aspects of algebra, geometry, calculus, and also skills in mathematical reasoning and modelling.

ASSESSMENT

All courses are composed of three units, each covering a range of topics from the course. Each unit is tested at a minimum competency level and to obtain a full course award all units must be passed. It is permitted to have one re-sit for each unit test.

The final grade is based solely on the external examination. The examination contains some work at the level of the unit tests and also more difficult questions covering the syllabus.

CAREER PATHWAY

The course has obvious relevance for candidates with interests in fields such as commerce, engineering and science where the mathematics learned will be put to direct use. For other candidates, the course can be used to gain entry to a Higher Education institution.

MATHEMATICS

For further information about this course please contact:

Acting Head of Faculty – Mr Crombie
Teaching Staff – Mathematics Faculty
S5/6 Year Head



<h1>MEDIA</h1>		<h1>HIGHER</h1>
		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> • analysing and creating media content, as appropriate to purpose and audience • knowledge and understanding of the key aspects of media literacy, as appropriate to content • a wide range of evaluation skills • knowledge and understanding of the role of media within society • knowledge of contextual factors, constraints and freedoms that affect producers of media content
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> • Analysing Media Content • Creating Media Content 	<p>HIGHER – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 5 	
<p>NAT 5 – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 4 	<p>COURSE INFORMATION</p> <p>Analysing Media Content The purpose of this Unit is to develop the skills to analyse media content. This Unit provides pupils with the opportunity to develop knowledge and understanding of the key aspects of media literacy central to the detailed and complex analysis of media content.</p> <p>Creating Media Content The purpose of this Unit is to develop the skills to create media content and evaluate production processes. This Unit provides pupils with the opportunity to develop knowledge and understanding of the key aspects of media literacy central to creating media content.</p>	
<p>ASSESSMENT Component 1 — question paper 50 marks Component 2 — assignment 50 marks Total marks 100 marks</p>		
<p>CAREER PATHWAY Successful completion of the course could support progression towards:</p> <ul style="list-style-type: none"> • Higher grade course if National 5 has been achieved • College/University courses • Employment in areas such as screenwriter, camera operator, casting director, media advertising, journalism 		
<h2>EXPRESSIVE ARTS</h2>	<p>For further information about this course please contact: Head of Faculty – Mrs Cockburn Teaching Staff – Media S5/6 Year Head</p>	



Modern Studies

Higher

SQA COURSE UNITS

- Modern Studies: Democracy in Scotland and the United Kingdom
- Modern Studies: Social Issues in the United Kingdom
- Modern Studies: International Issues

COURSE ENTRY REQUIREMENTS

- National 5 in Modern Studies
- OR
- National 5/Higher in any other Social Subject
 - National 5/Higher in Psychology

SKILLS DEVELOPED ON THIS COURSE

- Developing and applying detailed skills, knowledge and understanding in political, social or international contexts
- Researching and using information collected from a range of sources about contemporary issues
- Using a range of sources of information to detect and explain exaggeration and selectivity in the use of facts in mostly familiar political contexts
- Giving detailed justifications for decisions made in mostly familiar social contexts using a range of sources of information
- Giving detailed support for valid conclusions

COURSE INFORMATION

Democracy in Scotland and the United Kingdom - pupils will study democracy, both in Scotland and in the wider UK context. They will investigate the different systems used to make decisions, exploring the role of the media, pressure groups and trade unions and how they influence our lives – for good and for ill.

Social Issues in the United Kingdom - pupils will study health and wealth inequalities in the UK, investigating why some people lead better lives than others, the government policies designed to address this, and the deep unfairness at the heart of benefit reform.

International Issues - pupils will study the USA – its foreign and domestic policy, government and people. They will investigate the crises of constitution, conscience and confidence afflicting the world's last remaining superpower.

ASSESSMENT

There are two forms of assessment for this course:

Unit Assessment – Each unit will be individually assessed by an end of unit assessment, covering both enquiry skills and content knowledge.

Course Assessment – The entire course will be externally assessed, through use of an end of year exam paper, and an individual assignment, which will be worked on throughout the year.

CAREER PATHWAY

Successful completion of this course will support progression towards:

- Advanced Higher Modern Studies
- Highers in other Social Subjects & Psychology
- University Courses in Psychology, Sociology, Law, Politics and other Social Subjects
- Careers in Law, Politics, International Relations, Social Work and Community Support.

SOCIAL SUBJECTS

For further information about this course please contact:

Head of Faculty – Mrs Liggins
Teaching Staff – Modern Studies
S5/6 Year Head





MUSIC		HIGHER
		<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> • preparing and performing a solo and/or group programme of challenging music on two selected instruments, or on one instrument and voice • performing a variety of challenging music extracts with sufficient accuracy and maintaining the musical flow • critically reflecting on and evaluating their musical and creative skills and identifying areas for improvement • creating original music using complex compositional methods and selected music concepts in creative ways • the ability to recognise, understand and use a range of annotated music signs symbols and terms • recognising and distinguishing between a range of music concepts and styles of music
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> • Music: Performing Skills • Music: Composing Skills • Understanding Music 	<p>HIGHER – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 5 	
<p>HIGHER – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 5 	<p>NAT 5 – COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> • National 4 	
<p>COURSE INFORMATION</p> <p>Performing Skills - pupils will develop performing skills in two selected instruments, or on one selected instrument and voice. They will perform challenging level-specific music with sufficient accuracy and will maintain the musical flow realising the composers’ intentions. Pupils will, through regular practice and critical reflection and evaluation, develop their technical and musical performing skills.</p> <p>Composing Skills - pupils will experiment with, and creatively use complex compositional methods and music concepts to realise their intentions when creating original music. Pupils will critically reflect on and evaluate the impact and effectiveness of their creative and musical choices and decisions. They will analyse how musicians and composers create music in different ways and how music styles are shaped by social and cultural influences.</p> <p>Understanding Music - pupils will develop detailed knowledge and understanding of a range of complex music concepts, and music literacy. They will identify and distinguish the key features of specific music styles and recognise level-specific music concepts in excerpts of music, and music signs and symbols in notated music.</p>		
<p>ASSESSMENT Component 1 — performance 60 marks Component 2 — question paper 40 marks Total marks 100 marks</p>		
<p>CAREER PATHWAY</p> <p>Successful completion of the course could support progression towards:</p> <ul style="list-style-type: none"> • Advanced Higher grade course if Higher has been achieved • College/University courses • Employment in areas such as (Composer, Music Therapy, Music Journalist, Recording Engineer) 		
EXPRESSIVE ARTS	<p>For further information about this course please contact: Head of Faculty – Mrs Cockburn Teaching Staff – Music S5/6 Year Head</p>	



PHOTOGRAPHY

HIGHER



SQA COURSE UNITS

- Photography: Image Making
- Photography: Contextual Imagery

SKILLS DEVELOPED ON THIS COURSE

- applied use of camera controls and a range of photographic techniques and processes
- the ability to produce investigative research for photography and to plan, shoot, print and develop photographs
- exploration and experimentation with a range of photographic media, manipulation techniques and processes
- producing creative and technically proficient photographs
- effective management and storage of photographic images
- critically self-reflecting and evaluating their own work and the photographic work of others

HIGHER – COURSE ENTRY REQUIREMENTS

- National 5 Art & Design
- Creative Industries level 5

CREATIVE INDUSTRIES – COURSE ENTRY REQUIREMENTS

- Creative Industries level 4

COURSE INFORMATION

Image Making - pupils will develop knowledge and understanding of camera techniques and controls and will investigate and analyse the factors which influence photographers and their work. They will apply their knowledge of light and image formation when creating photographic images. They will use exposure times, composition and framing in creatively for photographic effect, organise their files and output their photographic images.

Contextual Imagery - pupils will explore and experiment with using a variety of photographic techniques, technology and processes. They will use their understanding of the social and cultural interplay between photographers and society when developing their own personal, creative approaches to photography. They will plan, produce and present photographic images in different styles and genres.

ASSESSMENT Component 1 — project 100 marks
Total marks 100 marks

CAREER PATHWAY

Successful completion of the course could support progression towards:

- College/University courses
- Employment in areas such as Advertising and editorial photography, fashion photographer, press photographer, photojournalist, scientific photographer, forensic photographer

EXPRESSIVE ARTS

For further information about this course please contact:
 Head of Faculty – Mrs Cockburn
 Teaching Staff – Photography
 S5/6 Year Head



PHYSICAL EDUCATION		HIGHER
<p>SQA COURSE UNITS</p> <ul style="list-style-type: none"> Performance Skills Factors Impacting Performance 	<p>SKILLS DEVELOPED ON THIS COURSE</p> <ul style="list-style-type: none"> Develop a broad and comprehensive range of complex movement and performance skills, and demonstrate them safely and effectively across a range of challenging contexts Select and apply skills and make informed decisions to effectively perform in physical activities Analyse mental, emotional, social and physical factors that impact on performance Understand how skills, techniques and strategies combine to produce an effective performance Analyse and evaluate performance to enhance personal effectiveness. 	
<p>COURSE ENTRY REQUIREMENTS</p> <ul style="list-style-type: none"> National 5 PE at band 1 or 2 		
COURSE INFORMATION		
<p>PE Higher Course is made up of 2 units.</p>		
<p>Performance Skills</p> <p>In this Unit, learners will develop a broad and comprehensive range of complex movement and performance skills through a range of physical activities. They will select, demonstrate, apply and adapt these skills, and will use them to make informed decisions. They will also develop their knowledge and understanding of how these skills combine to produce effective outcomes. Learners will develop consistency, precision, control and fluency of movement. They will also learn how to respond to and meet the demands of performance in a safe and effective way. The Unit offers opportunities for personalisation and choice through the selection of physical activities used for learning and teaching.</p>		
<p>Factors Impacting Performance</p> <p>In this Unit, learners will develop their knowledge and understanding of mental, emotional, social and physical factors that impact on personal performance in physical activities. Learners will consider how these factors can influence effectiveness in performance. They will develop knowledge and understanding of a range of approaches for enhancing performance and will select and apply these to factors that impact on their personal performance. They will create personal development plans, modify these and justify decisions relating to future personal development needs.</p>		
<p>ASSESSMENT</p> <p>To achieve the course award at Higher Grade level the learners will have to pass assessments for all of the SQA units along with a final course exam.</p>		
<p>CAREER PATHWAY</p> <p>Successful completion of this course could support progression towards:</p> <ul style="list-style-type: none"> College/University courses Employment in areas such as sports management, health and leisure industry, sports coaching, education 		
PHYSICAL EDUCATION	<p>For further information about this course please contact:</p> <p>Head of Faculty – Mr McSherry Teaching Staff – PE Faculty</p>	



PHYSICS

HIGHER

SQA COURSE UNITS

- Our Dynamic Universe
- Particles and Waves
- Electricity
- Researching Physics



SKILLS DEVELOPED ON THIS COURSE

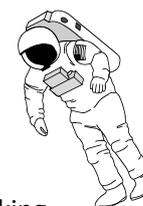
- analytical and problem solving skills
- planning and designing investigations/experiments
- safely carry out investigations/experiments and record detailed observations and collecting data
- drawing valid conclusions and giving explanations supported by evidence
- communicating findings/information

HIGHER – COURSE ENTRY REQUIREMENTS

The course is suitable for pupils who are secure in their attainment of National 5 Physics.

COURSE INFORMATION

Our Dynamic Universe – the general aim of this unit is to develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding of our dynamic universe.



Particles and Waves – pupils will develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding of particles and waves.

Electricity - pupils will develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding of electricity. Pupils will apply these skills when considering the applications of electricity on our lives, as well as the implications on society/the environment.

Researching Physics – pupils will develop skills to undertaking research in Physics. Pupils will collect and synthesize information from different sources, plan and undertake a practical investigation, analyse results and communicate information related to their findings.

ASSESSMENT

To achieve the course award at Higher Grade all pupils must pass all assessment outcomes for the SQA Units along with the course assessment. The final course assessment will include a question paper and an assignment.

CAREER PATHWAY

Successful completion of the course could support progression towards:

- Advanced Higher Grade courses
- College/University courses
- Employment in areas such as engineer, architect, meteorologist



SCIENCE FACULTY

For further information about this course please contact:

Head of Faculty – Mr A Gillies
Teaching Staff – Physics
S5/6 Year Head



RELIGIOUS, MORAL AND PHILOSOPHICAL STUDIES

HIGHER

SQA COURSE UNITS

- World Religion
- Morality and Belief
- Religious and Philosophical Questions

COURSE ENTRY REQUIREMENTS

Learners would be expected to have attained:

- National 5 English
- National 5 in a Social Subject

SKILLS DEVELOPED ON THIS COURSE

- Analysing religious, moral and philosophical questions and their impact
- Reflecting on religious, moral and philosophical questions
- Expressing reasoned views on questions and their impact
- Investigating questions and responses
- Evaluating

COURSE INFORMATION

World Religion – learners will develop skills to interpret and comment on the meaning and context of sources related to Buddhism. They will develop in-depth factual and abstract knowledge and understanding of the impact and significance of religion today through studying beliefs and practices and the contribution these make to the lives of followers.

Morality and Belief – learners will develop skills to evaluate and express detailed, reasoned and well-structured views about contemporary moral questions and responses on Religion and Justice.

Religious and Philosophical Questions – learners will develop skills to critically analyse religious and philosophical questions and responses.

ASSESSMENT

To achieve the course award at Higher Grade level the learners will have to pass assessments for all of the SQA units along with the course assessment. The course assessment consists of a question paper worth 60 marks and an assignment worth 30 marks. Both are marked by the SQA and will be graded A to D.

CAREER PATHWAY

Successful completion of this course could support progression towards:

- MA Divinity, MA Theology, MA Religious Studies
- Employment in areas such as Law, Social Work, Broadcasting and Media, Teaching and Healthcare

RELIGIOUS EDUCATION

For further information about this course please contact:

Head of Faculty – Miss Hind
Teaching Staff – RE Faculty
S5/6 Year Head