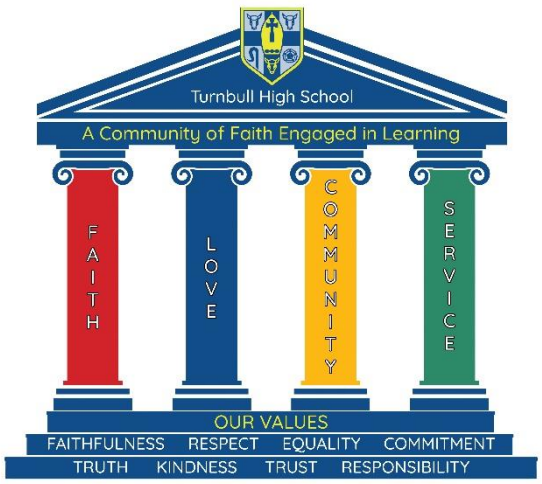
Turnbull High School
EAST DUNBARTONSHIRE

S5/S6 OPTIONS BOOKLET



Turnbull High School

St Mary's Road, Bishopbriggs Glasgow G64 2EF
Tel: 0141 955 2393
www.turnbull.e-dunbarton.sch.uk
Email: office@turnbull.e-dunbarton.sch.uk
Head Teacher: Eileen Kennedy

CONTENTS

ADMINISTRATION AND IT

Why Administration and IT?

Administration and IT are essential skills in our society. Choose this course if you are interested in the practical uses of administration and IT and want to develop your skills in organising tasks, communicating with people and processing information.

These skills are valuable in a wide range of career sectors, including office work, health, manufacturing, travel, transport and finance.

Almost all university courses require pupils to sit an IT exam in Year 1. Administration and IT prepares pupils well for this.

NATIONAL 4

Course Outline

You will learn about administration in the workplace and workplace legislation affecting employees. You will also develop customer care skills and learn how to organise and support events. The course covers a range of IT applications such as word processing, spreadsheets, databases and desktop publishing.

There are **three** compulsory units, plus an added value unit that assesses your practical skills.

Administrative Practices

In this unit you will learn about:

- administrative tasks needed to organise and support small-scale events
- key workplace legislation affecting employees
- good customer care.

IT Solutions for Administrators

In this unit you will learn how to:

- use word processing applications to create and edit business documents
- use spreadsheets and databases applications to manage information
- organise and process information in administrative situations.

Communication in Administration

In this unit you will learn how to:

- collect and share information from the internet and intranet
- prepare information using multimedia and desktop publishing.

Added Value Unit: Administration and IT Assignment

In this unit you will:

- plan and prepare documentation to a given brief
- use previously created documents to complete your task.

Assessment

Your teacher will assess your work throughout the course. Items of work might include:

- SQA unit assessments
- SQA added value unit
- class-based exams.

You must pass all the units including the Added-Value unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Administration and IT

NATIONAL 5

Entry to the Course

Entry is at the discretion of the school or college but you would normally have achieved:

- Level 4 Administration and IT

Course Outline

Administration and IT is a practical course that develops a wide range of skills for learning, work and life. You will learn how to use a range of computer software to carry out administrative tasks, support departments within an organisation and organise events.

Administrative Practices

You will learn about:

- administrative tasks needed to organise and support small-scale events
- key workplace legislation affecting employees
- good customer care.

IT Solutions for Administrators
You will learn how to:

- use word processing applications to create and edit business documents
- use spreadsheets and databases applications to manage and manipulate information.

Communication in Administration

You will learn how to:

- collect and share information from the internet and intranet
- prepare information using multimedia and desktop publishing
- communicate using electronic methods.

Assessment

Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- SQA assignment
- Practical class tests.

The course assessment for this course consists of an assignment component where you will be asked to work through a series of planning, support and follow-up stages for a specific event. The assignment component will be set and externally marked by the Scottish Qualifications Authority (SQA).

There is also a Question Paper set and externally marked by SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Administration and IT

Homework
Learners would be expected undertake approximately 20 hours of homework per unit. This will allow them the opportunity to consolidate, develop and revise the skills, knowledge and understanding being taught in the Unit. Homework activities will take a variety of forms in order to develop the organisational and problem solving skills of the course as well a breadth and application of subject specific knowledge.

Equipment
Although learners will make significant use of ICT within school, no specialised equipment will be required at home for the study of Administration and IT at National 4 or National 5 levels. However, access to IT outside of school would allow additional optional activities to consolidate IT skills taught. Access to a computer with Microsoft Office 2016 will help your child practice his/her IT skills at home.

ADMINISTRATION AND IT - HIGHER

Why Administration and IT?

Administration is a growing sector which cuts across the entire economy and offers wide-ranging employment opportunities. Moreover, administrative and IT skills have extensive application not only in employment but also in other walks of life.

This course is designed to help you to understand and take part in the business and information environment. You will gain skills in managing information, organising, planning, problem solving and decision making.

The skills that you develop in Administration and IT are useful in many career areas such as office work, economics, human resource management, management services and public services administration.

Almost all university courses now require students to sit an IT exam in Year 1. This course provides students with the skills necessary to prepare for this.

Entry to the Course

Entry is at the discretion of the school or college but you would normally be expected to have:

- National 5 Administration and IT

Course Outline

This course aims to develop your advanced administrative and IT skills and, ultimately, to enable them to contribute to the effective functioning of organisations in supervisory administrative positions.

The course consists of three compulsory units and the course assessment unit.

Administrative Theory and Practice (6 SCQF credit points)

In this unit you will:

- develop an in-depth knowledge and understanding of administration in, and the impact of IT on, the workplace
- acquire an in-depth knowledge and understanding of the factors contributing to the effectiveness of the administrative function, such as the strategies for effective time and task management, and for complying with workplace legislation, and of what makes effective teams
- learn about customer care.

IT Solutions for Administrators (6 SCQF credit points)

In this unit you will:

- develop your IT skills, some of them advanced, and in organisation and managing information in administration-related contexts
- develop the ability to utilise a range of functions, some of them advanced, of IT applications covering word processing, spreadsheets, databases, or emerging equivalent technologies

- use above applications to analyse, process and manage information in order to create and edit relatively complex business documents.

Communication in Administration (6 SCQF credit points)

In this unit you will:

- develop a range of IT skills, some of them advanced, for research and communicating complex information to others
- develop an understanding of barriers to communication and ways of overcoming them to ensure communication is understood
- develop your knowledge and understanding of how to maintain the security and confidentiality of information
- communicate information in ways taking account of the needs of the audience.

Course Assessment (6 SCQF credit points)

The course assessment has two components:

- an administration and IT-based assignment (70 marks)
- a question paper (50 marks).

The assignment will require you to demonstrate your skills in using complex IT functions, such as word processing, producing spreadsheets and desktop publishing, and apply them in the context of managing the organisation of an event.

The question paper will require the retention and/or integration of learning from across the units as well as a demonstration of a depth of knowledge and understanding developed across the course.

The assignment and question paper will be both set and externally assessed by SQA.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete this course successfully, it may lead to: other qualifications in Administration and IT or related areas.

Further study, training or employment in:

- Administration and Management
- Computing and ICT
- Hospitality, Catering and Tourism
- Transport and Distribution

Entry into further and Higher Education courses in a Business subject.

ART AND DESIGN

Why Art and Design?

Art and Design features in many aspects of our everyday lives, from the advertising posters we see on our streets to the special effects we see in films. Almost everything we see or touch has been designed to be visually attractive including mobile phones, clothes, cars, buildings and websites.
The skills that you develop in Art and Design are useful in many different careers, such as architecture: interior design, fashion and textiles, graphics, web design and photography.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved one of the following:

- Level 3 Art and Design
- Level 3 Design and Technology
- Level 3 Design and Manufacture

Course Outline

Art and Design is a practical, hands-on subject that develops your creativity and imagination, and your artistic skills. You will learn how to use a range of art and design materials and techniques. And, you will learn the skills involved in planning, producing and presenting art and design work. You will also find out how artists and designers work, and how factors like their environment and culture have an impact on their work.

The course has **two** compulsory units, plus an **added value** unit that assesses your practical skills.

Art and Design: Expressive Activity

In this unit you will:

- develop an understanding of how artists work and the social and cultural influences that impact on their work
- develop and produce drawings and other pieces of visual art based on your ideas and interests
- develop and improve your practical skills in using a range of materials, techniques and formats in 2D and 3D.

Art and Design: Design Activity

In this unit you will:

- assess and evaluate designers' working practices and investigate their main social and cultural influences
- plan, research and develop creative design work in response to a design brief
- develop your creativity, problem solving and critical thinking skills
- experiment with, develop and improve your design ideas, using a range of materials, techniques and/or technology in 2D and 3D formats
- work to find solutions to design problems.

Added Value Unit: Art and Design Practical Activity

In this unit you will produce a:

- piece of expressive art
- piece of design work.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- practical work - such as drawings, posters, ceramics or sculptures
- written work - research assignments, reports and case studies
- projects
- class-based exams.

You must pass all the units including the practical unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Art and Design

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 4 Art and Design

Course Outline

Art and Design is a practical, hands-on subject that develops your creativity and imagination, and your artistic skills. You will learn how to use a range of art and design materials and techniques. And, you will learn the skills involved in planning, producing and presenting art and design work. You will also find out how artists and designers work, and how factors like their environment and culture have an impact on their work.

The course has **two** compulsory units. The units are similar to those for National 4 but you will be expected to produce a higher standard of work.

Art and Design: Expressive Activity

In this unit you will:

- develop and produce drawings and other pieces of visual art based on your ideas and interests
- develop an understanding of how artists work and the social and cultural influences that impact on their work
- develop and improve your ideas and artwork, using a range of materials, techniques and formats in 2D and 3D.

Art and Design: Design Activity

In this unit you will:

- plan, research and develop creative design work in response to a design brief
- develop your creativity, problem solving and critical thinking skills
- work to find solutions to design problems
- assess and evaluate designers' working practices and investigate their main social and cultural influences
- experiment with, develop and improve your design ideas, using a range of materials, techniques and/or technology in 2D and 3D formats.

Assessment

Units will be assessed internally by your teacher or lecturer as 'pass' or 'fail'. Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical activities – such as drawings, posters, ceramics or sculptures resulting in an expressive and design folio
- written work – such as research assignments
- question papers/tests.

Units do not contribute to your overall grade but you will need to pass both units plus a course assessment to be awarded the course qualification.

There are two parts or 'components' to the course assessment:

1. a portfolio (100 marks)
2. an examination question paper (50 marks)

The portfolio is set by your school and the examination question paper is set by the Scottish Qualifications Authority (SQA). Both components will be externally marked by SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Art and Design

Homework

Tasks will be spread across the year and will each engage candidates in observational drawing research and critical activity. In addition to this, pupils may be set an individual task by their classroom teacher that builds upon their own course work.

Equipment

Pupils are encouraged to come to class with their own basic drawing materials i.e. pencil, rubber, hand writing pen and colouring pencils. Any specialised materials required for the course will be supplied by the school.

ART AND DESIGN - HIGHER

Why Art and Design?

Art and Design features in many aspects of our everyday lives, from the advertising posters we see on our streets to the special effects we see in films. Almost everything we see or touch has been designed to be visually attractive including: mobile phones, clothes, cars, buildings and websites.

People with creative ideas and skills are needed in many different types of businesses and careers including: architecture, interior design, fashion and textiles, communications and media, 3D design, graphics, multimedia or games design, teaching and photography.

Art and Design also gives you the opportunity to use your imagination and express your ideas, thoughts and feelings in many different creative ways.

Art and Design Higher will encourage learners to exercise imagination and creativity. It helps learners to be creative and to express themselves confidently in different ways. Learning in the Course will include active involvement in creative activities and the use of a range of art and design materials, techniques and/or technology. Learning through art and design also develops learners' ability to critically appreciate aesthetic and cultural values, identities and ideas

Entry to the Course

Entry is at the discretion of the school or college, but you would normally be expected to have:

- **National 5 Art and Design** or relevant units from the course.

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Course Outline Purpose and aims of the Course

The purpose of the Course is to provide a broad practical experience of art and design and related critical activity. The Course provides opportunities for learners to be inspired and creatively challenged as they explore how to visually represent and communicate their personal thoughts, ideas and feelings through their work. Learners will analyse the factors influencing artists' and designers' work and practice. They will use this understanding when developing and producing their own creative and personal expressive art and design work. This course is designed to give you the opportunity to use your detailed understanding of art and design work and practice as you experiment with using a range of selected art and design materials, techniques and/or technology to develop your own creative ideas. You will develop a range of complex problem solving skills, and a critical understanding of the impact social, cultural and other external factors on artists' and designers' work and practice.

The course consists of **two** compulsory units and the course assessment unit.

Art and Design: Expressive Activity (9 SCQF credit points)

In this unit you will:

- develop your personal thoughts and ideas in visual form
- develop critical understanding of artists' working practices and the social and cultural influences impacting their work
- select stimuli and produce investigative drawings and studies
- develop and refine your expressive ideas and art work, experimenting with and using a range of materials, techniques and/or technology in 2D and/or 3D formats in response to the stimuli.

Art and Design: Design Activity (9 SCQF credit points)

In this unit you will:

- plan, research and develop creative design work in response to a design brief
- develop your creativity, problem solving and critical thinking skills as you consider complex design opportunities, and work to resolve design issues and constraints
- develop critical understanding of designers' working practices and the social and cultural influences impacting their work
- develop and refine your design ideas by experimenting with and using a range of materials techniques and/or technology in 2D and/or 3D formats.

Course assessment (6 SCQF credit points)

The course assessment has two components:

- a portfolio of work (worth 160 marks)
- a question paper (worth 60 marks).

In the portfolio you will produce one piece of expressive art work (80 marks) and one design solution (80 marks). This will be externally marked by SQA.

The question paper will assess your knowledge and understanding of art and design practice. You will be asked to critically analyse and evaluate the work of artists and designers, showing awareness of the visual qualities and/or impact of their work. The question paper will be set and externally marked by SQA.

Art and Design Higher is a broad-based qualification. It is suitable for learners with a general interest in art and design, and for those wanting to progress onto higher levels of study. This qualification will allow learners to consolidate and extend their creativity and art and design skills.

The Course is learner-centred and includes practical and experiential learning opportunities. The learning experiences in the Course are flexible and adaptable. There are opportunities for personalisation and choice in both expressive and design contexts. This makes it highly flexible, as it can be contextualised to suit a diverse range of learners' needs and aspirations.

On completing the Course, learners will have developed skills in planning, producing and presenting creative art and design work. They will have used art and design materials, techniques and/or technology in creative and expressive ways when developing and refining their ideas and work. They will also have developed understanding of artists and designers as creative practitioners, who produce their work by responding to stimuli and a variety of external factors.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher Art and Design: Design
- Advanced Higher Art and Design: Expressive

Further study, training or employment in:

- Art and Design
- Communications and Media
- Manufacturing Industries

Development of skills for learning, skills for life and skills for work

It is expected that learners will develop broad, generic skills through this Course. The skills that learners will be expected to improve on and develop through the Course are based on SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work* and drawn from the main skills areas listed below. These must be built into the Course where there are appropriate opportunities.

- Health and wellbeing
- Personal learning
- Thinking skills
- Analysing and evaluating
- Creating

ART & DESIGN – DESIGN : ADVANCED HIGHER

Why Art and Design - Design?

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

This Course is suitable for learners with an interest in developing and extending their applied design skills and critical understanding of design practice. It would be suitable for learners progressing from the Higher Art and Design Course onto a variety of design-related HNDs or design degrees, including for example product design, fashion design or digital culture. The Course may also be studied as part of a general education, for vocational reasons or for personal interest.

The qualification is learner-centred. In this Course, learners will develop personal autonomy and independence when engaging in self-directed practical learning in a selected design area of personal interest to the learner. The Course is flexible and adaptable, with opportunities for personalisation and choice in determining suitably challenging and stimulating contexts for learning. This makes the qualification highly accessible, as it can be adapted to suit a diverse range of learners' interests and aspirations.

It also provides opportunities for learners to build self-confidence and to enhance many generic and transferable skills, including literacy, planning and organising, investigative research, and communication.

Entry to the Course

This is at the discretion of the school but you would normally be expected to have attained:

- Higher Art and Design.

The Course consists of two mandatory Units, and the Course assessment.

Art and Design (Design): Design Studies (Advanced Higher)

In this Unit, learners will work in a self-directed manner to investigate the working practices and design approaches of others. They will critically analyse designers' work and practice, evaluating the impact of external factors on their design considerations and creative choices. They will communicate informed and supported personal views, opinions and judgements on the designers' work.

Art and Design (Design): Design Enquiry (Advanced Higher)

This Unit helps learners to plan, develop and produce a range of related development lines of personal enquiry and creative design work in an independent and self-directed manner. Learners will use their understanding of design practice to inspire and influence their own design approach and creative choices. They will work imaginatively to resolve any design issues or challenges and will experiment with and explore how materials, techniques and/or technology can be used to realise their design ideas in 2D and/or 3D formats.

Conditions of award

To gain the award of the Course, the learner must pass all of the Units as well as the Course assessment. The required Units are shown in the Course outline section. Course assessment will provide the basis for grading attainment in the Course award. The assessment of the Units in this Course will be as follows.

Art and Design (Design): Design Studies (Advanced Higher)

In this Unit, evidence will be required to show that the learner can investigate, analyse and evaluate the work and practice of designers working within their selected design area. They will express substantiated personal opinions on the designers' work and practice.

Art and Design (Design): Design Enquiry (Advanced Higher)

In this Unit, evidence will be required to show that the learner can produce a variety of creative investigative work and related market research, and refine a series of development ideas for a personally challenging design enquiry. The work will show considered exploration, visual coherence and continuity throughout the development process, and in-depth understanding of the design area requirements. Learners could consider approaches to their personal study through the investigation of:

- the work and practice of selected designers
- contemporary, cultural or historical contexts
- design disciplines (graphics, textiles, jewellery, etc)
- social, political, emotional or artistic influences

Learners should be encouraged and directed on how to engage in active research and investigation into their chosen area of design.

A broad overview of the mandatory subject skills, knowledge and understanding that will be assessed in the Course, these are:

- critical analysis and in-depth evaluation of designers' work and practice, showing in-depth understanding of the design area issues, opportunities and constraints
- analysing and evaluating the impact of external influences on designers' work
- expressing substantiated personal opinions on their own work and on designers' work and practice
- applying in-depth understanding of design practice when creatively responding to the design area requirements and developing design ideas and solutions
- producing a range of high-quality pertinent investigative visual and market research for the design enquiry
- confident and highly assured use of selected design materials, advanced techniques and/or technology, showing sophisticated levels of technical and creative skills
- developing progressive design developmental lines of enquiry
- using a range of complex problem solving, planning and evaluation skills when developing, refining and resolving design ideas and solutions
- creating design ideas and solutions in 2D and/or 3D that meet the design area requirements in terms of function and which show the sophisticated and creative use of design materials, techniques and/or technology
- justifying their design decisions and resolving complex design issues and technical challenges

Completion of this course does not lead to the automatic award of any Core Skills.

Progression

In order to do this Course, learners should have achieved the Higher Art and Design Course.

Learners who have achieved this Advanced Higher Course may progress to further study, employment and/or training. Opportunities for progression include:

Progression to other SQA qualifications:

Progression to other qualifications at the same level of the Course, for example Professional Development Awards (PDAs), Higher National Certificates (HNCs)

Progression to further or higher education: for many learners a key transition point — for example to Higher National Certificates (HNCs)/Higher National Diplomas (HNDs) or degree programmes. Examples of further and higher education programmes that learners doing the Course might progress to include a variety of design-related HNDs or design degrees, for instance:

- graphic design
- product design
- fashion/textile design
- jewellery design
- architecture
- interior/spatial design or digital culture

ART & DESIGN – EXPRESSIVE : ADVANCED HIGHER

Why Art and Design - Expressive?

This course provides you with opportunities to select and develop in depth, through practical activity, a visual study reflecting your interests and strengths; to promote knowledge and understanding, skills of media handling and communication of your ideas and feelings through production of high quality artwork. There are maximum opportunities for portfolio production.

Course title: Advanced Higher Art and Design (Expressive)

The Course consists of two mandatory Units, and the Course assessment.

During this Course, learners will demonstrate their ability to develop and realise creative expressive lines of visual enquiry. They will select a context and stimuli for learning and produce a range of expressive artwork, which has been developed and influenced by their in-depth investigation and critical analysis of art and art practice.

Art and Design (Expressive): Expressive Studies (Advanced Higher)

In this Unit, learners will work in a self-directed manner to investigate the working practices and creative approaches of others. They will analyse artists' work and practice, analysing and evaluating the impact of external factors on their creative work. They will communicate informed and supported personal views, opinions and judgements on the artists' work.

Art and Design (Expressive): Expressive Enquiry (Advanced Higher)

This Unit helps learners to work independently in a self-directed manner to plan, develop and produce a range of related development lines of creative enquiry and expressive art work. Learners' expressive art work will be inspired and influenced by their investigative research into expressive art practice. Learners will experiment with and creatively explore how materials, equipment, techniques, composition and/or technology can be used. They will use these in sophisticated and expressive ways to communicate and realise their ideas in 2D and/or 3D formats. Course. Further information on the Course assessment is provided in the Assessment section.

Recommended entry

Entry to this Course is at the discretion of the centre. However, learners would normally be expected to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:

- Higher Art and Design Course

Course Outline

Purpose and aims of the Course

The Course provides opportunities for learners to develop their creativity, visual awareness and aesthetic understanding while exploring how to communicate their personal thoughts, ideas and opinions through their expressive artwork. This will involve visually exploring and responding in an individual way to their stimuli, researching challenging expressive art contexts and the ways that artists respond creatively to stimuli, and

evaluating and synthesising visual and other information from a variety of sources. This depth of personalised study affords learners a unique opportunity to intellectually engage with the visual arts.

The Course will provide learners with the opportunity to extend and apply the expressive art skills they may have developed in the Higher Art and Design Course and elsewhere, and to consider how artists' work impacts on communities' surroundings and communities' perceptions, shaping our understanding of the world that surrounds us. Learners will also demonstrate personal autonomy and creative decision making when negotiating the context and stimuli for their work and when developing and realising their creative ideas.

The aims of the Course are to enable learners to:

- experience an independent, self-directed study of expressive art and art practice
- develop personal autonomy, creativity, independent thinking and evaluative skills when responding to stimuli and creating their own expressive art work
- develop individual self-expression and creativity through their considered exploration and use of art materials, equipment, techniques and/or technology
- develop the higher-order thinking skills required to analyse, synthesise, and critically respond to and understand the impact of expressive art work
- develop advanced critical thinking skills, reaching substantiated informed judgements when refining and presenting lines of visual enquiry and development

The Units have an integrated approach to learning. Through completing the Units and the Course assessment, learners will carry out extended and self-directed studies into artists and expressive art practice, and will apply their insights when developing their own compositions and expressive artwork. They will personally respond to their stimuli, and experiment with using art materials, composition and the visual elements to express and communicate sophisticated ideas through their artwork. In the Course, learners will develop skills which are transferable to other areas of study and which they will use in everyday life. At this level, learners will be working with greater independence. Learners will develop aesthetic discrimination, imagination and creative insight when reviewing and refining their expressive artwork.

- experience an independent, self-directed study of expressive art and art practice
- develop personal autonomy, creativity, independent thinking and evaluative skills when responding to stimuli and creating their own expressive art work
- develop individual self-expression and creativity through their considered exploration and use of art materials, equipment, techniques and/or technology
- develop the higher-order thinking skills required to analyse, synthesise, and critically respond to and understand the impact of expressive art work
- develop advanced critical thinking skills, reaching substantiated informed judgements when refining and presenting lines of visual enquiry and development.

Information about typical learners who might do the Course

This Course is suitable for learners with an interest in developing and extending their applied art skills and critical understanding of art practice. It would be suitable for those progressing from the Higher Art and Design Course onto a range of art and design-related HNDs or onto a variety of degrees in, for example, fine art, sculpture, and printmaking or environmental art. The qualification is learner-centred. In this Course, learners will develop personal autonomy and independence when engaging in self-directed practical and experiential learning. The Course is flexible and adaptable, with opportunities for personalisation and choice in determining suitably challenging and stimulating contexts for learning. This makes the qualification highly accessible, as it can be adapted to suit a diverse range of learners' interests and aspirations.

Assessment

Units are assessed internally in accordance with SQA guidelines.

100 marks awarded for folio – which are:

- 60 marks for practical assessment
- 30 marks for critical analysis
- 10 marks for evaluation

Progression:

Completing the course successfully may lead to:

Progression to further/higher education:

For many learners a key transition point will be to further or higher education, for example to Higher National Certificates (HNCs)/Higher

National Diplomas (HNDs) or degree programmes. Examples of further and higher education programmes that learners doing the Course might progress to are:

- HNC/D Art and Design
- HNC/D Contemporary Art Practice
- HNC/D Photography
- HNC/D Fine Art
- HNC/D Conceptual Art
- BA/BA (Hons) Visual ArtCourse/Unit Support Notes for Advanced Higher Art and Design (Expressive) Course 3
- BA/BA (Hons) Fine Art (specialisms in painting, printmaking, sculpture)
- BA/BA (Hons) Fine Art Photography
- BA/BA (Hons) Environmental Art
- BA/BA (Hons) Conceptual Art
- BA/BA (Hons) Community Arts
- BA/BA (Hons) Technical Theatre Arts
- BA/BA (Hons) History of Art/Critical Studies

Art and Design

- Communications and Media
- Manufacturing Industries

BIOLOGY

Why Biology?

Biology – the study of living organisms – affects us all. You will find out how Biology is helping to find solutions to world problems. Advances in technology mean biologists are exploring the use of genetic modification to produce new plants and drugs, solving crimes by understanding crime scene material, and developing new sources of food for our growing population.

There are many career opportunities connected with biology, including medicine, veterinary work, nursing, dentistry, physiotherapy, food science, sport science, pharmacology and beauty therapy.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved one of the following:

- Level 3 Biology
- Level 3 Chemistry
- Level 3 Physics

Course Outline

Biology is a practical, hands-on subject that develops your skills of scientific enquiry, and helps you to solve problems and make decisions. You will learn about plants, animals and people. You will find out how population growth is affecting the variety of life on earth (known as biodiversity). You will develop your skills in carrying out biological experiments in laboratories.

The course has **three** compulsory units plus an added value unit that assesses your practical skills.

Cell Biology

In this unit you will:

- develop your skills of scientific enquiry by studying cell division, DNA, genes and chromosomes, enzymes, microorganisms, and photosynthesis.

Biology: Multicellular Organisms

In this unit you will:

- learn about sexual and asexual reproduction and their importance for survival of species
- learn about propagating and growing plants;
- explore the commercial use of plants, genetic information and growth and development of different organisms
- learn how organisms respond to internal and external changes in order to maintain stable body conditions.

Biology: Life on Earth

In this unit you will:

- learn how animal and plants species depend on each other
- study the impact of population growth on biodiversity, the nitrogen cycle, fertiliser design
- learn what impact fertilisers have on the environmental
- explore the adaptations for survival and learned behaviour in response to stimuli.

Added Value Unit: Biology Assignment

In this unit you will:

- carry out an investigation on a biological topic, drawing on the skills you have learned from the other units and present your findings in an assignment.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- practical work - such as experiments
- written work - research assignments and lab reports
- projects
- class-based exams.
-

You must pass all the units including the practical assignment to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Biology
- National 5 Environmental Science

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved one of the following:

- Level 4 Biology
- Level 4 Chemistry
- Level 4 Physics

Course Outline

Biology is a hands-on subject that develops your analytical thinking, and helps you to solve problems through experiments and research. You will learn about living systems and their interdependence. You will find out about evolution of species, and how humans impact on the environment. You will develop your practical and investigation skills by carrying out biological experiments in laboratories.

The course has **three** compulsory units. The units are similar to those for National 4 but you will be expected to produce a higher standard of work. In some areas of the course, content differs from National 4.

Cell Biology

In this unit you will:

- develop your skills of scientific enquiry by studying: cell structure; transport across cell membranes; producing new cells; DNA and the production of proteins; proteins and enzymes; genetic engineering; and respiration.

Biology: Multicellular Organisms

In this unit you will:

- studying cells, tissues and organs, stem cells and blood cells
- develop an understanding of control and communication, reproduction, variation and inheritance;
- learn to understand the need for transport and effects of lifestyle choices on animal transport and exchange systems.

Biology: Life on Earth

In this unit you will:

- develop your investigation and analytical thinking skills by studying biodiversity and the distribution of life and energy in ecosystems;
- use sampling techniques and measurement of abiotic and biotic factors
- study of process of photosynthesis and the role of nitrates.

Assessment

Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work - such as practical experiments
- written work - such as research assignments and reports
- projects
- question papers/tests.

Units do not contribute to your overall grade but to achieve the course qualification you must pass a course assessment.

The course assessment for this course consists of **two** components:

1. an examination question paper (100 marks)
2. an assignment (20 marks).

For the assignment component, you will be asked to research a relevant topic in biology, focusing on its application and its impact on society/the environment. The assignment component will be set and externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by the SQA.

The Course assessment is graded A–D.

Progression

If you complete the course successfully, it may lead to:

- Higher Human Biology
- Higher Environmental Science
- National 5 Environmental Science

Homework

Pupils will be asked to research topics and prepare presentations as well as completing formal homework assignments.

Equipment

In addition to developing skills in the use of scientific apparatus in the laboratory, pupils will have the opportunity to investigate a range of topics such as respiration, photosynthesis and human physiology using electronic sensors linked to laptop computers.

Health Sector National 5 Skills for Work Course

Entry to the course

Entry is at the discretion of the school but you would normally have achieved one of the following:

- Level 4 Biology
- Level 4 Chemistry
- Level 4 Physics

Course Outline

This course is aimed at pupils who are interested in a career in the Health Sector. It provides an alternative qualification to National 5 Biology in S5/6. The emphasis of this course is to prepare candidates for working in the Health Sector but also to develop employability skills valued by employers.

The course is delivered by continual assessment of the following units (there is no external examination):

- **Working in the Health Sector – Scotland:** Introduces learners to the range of provision and the services provided by the health sector in their local area. Participate in an interview for a specific job role which will help to develop knowledge and understanding of the world of work.

- **Life Sciences Industry and the Health Sector:** Investigates the contribution of the life sciences industry in the diagnosis and treatment of illness; the safety of pharmaceutical products made by the life sciences industry and the health and safety responsibilities of employers and employees in the life sciences industry.

- **Improving Health and Wellbeing:** Investigates areas of the health sector that help tackle current health and lifestyle issues, health and safety risks to workers in the health sector and the importance of a healthy lifestyle.

- **Physiology of the Cardiovascular System:** Structure and function of the cardiovascular system and the effect of specific disorders on the structure and function of the cardiovascular system. Taking physiological measurements at different activity levels and demonstrating current first aid procedures to provide emergency life support.

- **Working in Non-Clinical Roles:** Investigates a range of careers in non-clinical roles in the health sector. Demonstrate customer care skills in a non-clinical role.

Skills Development

Central to the course is developing the employability skills valued by employers in general and necessary for effective work in the health sector. These skills are embedded in the different units providing you with the opportunity to practise and develop these skills throughout the course. You will have the opportunity to develop your employability skills through practical activities in real or simulated work environments, investigations and team-working activities. You will also be involved in self-evaluation of these skills, seeking feedback from others, identifying areas for improvement, taking account of the feedback received and reviewing you progress throughout the course.

Method of Delivery

The main approaches to learning in this course will be experiential, practical and learner centred. Learners will have the opportunity to learn and develop practical skills in the context of real or simulated settings where they will experience workplace conditions, learn how to work with others in a team and develop good working practices. There are opportunities in this course for investigations, role plays, debates, presentations, discussions and simulation exercises to give learners a stimulating and interesting learning experience.

Assessment

Pupils who successfully complete the course gain a National 5 Award. The course is entirely internally assessed and relies heavily on the continual maintenance of a personal portfolio of work. Presentation level will be at the discretion of the class teacher and Principal Teacher.

Achievement of this course gives automatic certification of the following: Critical Thinking at SCQF level 4 and Working Co-operatively with Others at SCQF level 4

Progression

It possibly provides an alternative progression to National 5 Biology in S5/6.

Homework

Homework is an important part of pupil's coursework and will be of a practical or written nature. Each unit of work has specific homework demands.

HUMAN BIOLOGY - HIGHER

Why Human Biology?

Human Biology has wide range of appeal and interest because of its relevance to people. The course is designed to enable you to develop an understanding of the way biological principles can be applied to many issues facing individuals and society today, such as health care and increasing population.

The skills you learn in Human Biology are useful in further study or careers in the life sciences.

Entry to the Course

Entry is at the discretion of the school or college, but you would normally be expected to have achieved:

- National 5 Biology – A or B pass

Course Outline

This course aims to give you a deeper understanding of cellular processes, physiological mechanisms, communication between organisms, and the biology of populations as they apply to the human species.

The course consists of three compulsory units and the course assessment unit.

Human Biology: Human Cells (6 SCQF credit points)

In this unit you will:

- study stem cells, differentiation in somatic and germline cells, and the research and therapeutic value of stem cells and cancer cells
- cover the key areas of division and differentiation in human cells, structure and function of DNA, gene expression and the genome
- develop analytical thinking and problem solving skills in context, through investigation of DNA, the expression of the genotype, and protein production, which allows study of mutations and genetic disorders
- cover DNA technology, including sequencing and medical and forensic applications
- look at metabolic pathways and their control, through enzymes, with emphasis on cellular respiration and the role of ATP.

Human Biology: Physiology and Health (6 SCQF credit points)

In this unit you will:

- develop knowledge and understanding by focusing on the key areas of reproduction and the cardiovascular systems
- by studying these systems, develop your problem solving and analytical thinking skills.
- study reproduction, by looking at hormonal control and the biology of controlling fertility, including fertile periods, treatments for infertility, contraception, ante-natal care and post-natal screening
- cover relevant tissues and circulation and the pathology of cardiovascular disease, including the impact on society and personal lifestyle.

Human Biology: Neurobiology and Immunology (6 SCQF credit points)

In this unit you will:

- develop knowledge and understanding of the key areas of the nervous system and neurotransmitters
- study the brain and look at memory and its development
- develop knowledge and understanding through the key areas of the immune system and infectious diseases and immunity
- develop analytical thinking and problem solving skills contextually within these topics
- look at the immune system's role through allergic and defence responses
- study the principles of active immunisation and vaccination.

Course assessment (6 SCQF credit points)

The course assessment has two components:

- two question paper (Q1 : 25 marks and Q2: 95 marks) scaled to 30
- an assignment (20 marks).

The question paper will assess the breadth of your skills and knowledge acquired from across the course. The question paper will be set and marked by SQA.

The assignment will require you to investigate a relevant topic in human biology, support your findings and draw valid conclusions.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

Successful completion of this course may lead to:

- Advanced Higher Biology

Further study, training or employment in:

- Hairdressing & Beauty
- Health & Medicine
- Manufacturing Industries
- Science & Mathematics
- Social, Caring & Advisory Services
- Sports & Leisure

BIOLOGY - ADVANCED HIGHER

Why Biology?

The Advanced Higher Biology Course is based on integrative ideas and unifying principles of modern biological science. It covers key aspects of life science at the molecular scale and extends to aspects of the biology of whole organisms that are among the major driving forces of evolution. In addition, the Advanced Higher Biology Course aims to develop a sound theoretical understanding and practical experience of experimental investigative work in biological science.

Entry to the course

Candidates would have been expected to have attained an A or B pass in Higher Human Biology.

Course Outline

The AH Biology course provides a broad-based, integrated study of a range of biological topics which build on the concepts developed in the Higher Human Biology course. The course encompasses many aspects of Biology taught in the first year of University Biology courses and prepares students well for this. It requires a lot of commitment on the part of learners to achieve a good grade. Students are expected to compile a lot of their own notes and carry out extensive background reading using all the sources provided. Access is also provided to the SCHOLAR network which provides extra support.

The course consists of three compulsory units and the course assessment unit.

Cells and Proteins (8 SCQF points)

- This Unit builds on understanding of the genome from Higher Biology and Higher Human Biology.
- Learners will develop knowledge and understanding of proteomics, protein structure, binding and conformational change; membrane proteins; detecting and amplifying a stimulus; communication within multicellular organisms and protein control of cell division.
- The Unit also includes important laboratory techniques for biologists, health and safety considerations, through the use of liquids and solutions, to a selection of relevant separation and antibody techniques. In addition, much work on cell biology is based on the use of cell lines, so includes techniques related to cell culture and microscopy.

Organisms and Evolution (8 SCQF points)

- This Unit builds on understanding of selection in the context of evolution and immune response from Higher Biology and Higher Human Biology
- Learners will develop knowledge and understanding of evolution; variation and sexual reproduction; sexual behaviour and parasitism.
- This Unit also covers sampling techniques for ecological field study.

Investigative Biology (8 SCQF points)

- This Unit builds on understanding of the scientific method from Higher Biology and Higher Human Biology.

- Learners will develop knowledge and understanding of the principles and practice of investigative biology and its communication.
- The Unit covers scientific principles and processes, experimentation and critical evaluation of biological research.

Course assessment (8 SCQF points)

The course assessment has two components:

- a question paper (100 marks).
- A project (30 marks).

The question paper will assess the breadth of your knowledge and skills acquired from across the course. The question paper will be set and marked by the SQA.

The project will involve the in-depth study of a Biology topic, chosen by the learner within the set guidelines provided by SQA.

The learner will:

- plan the project
- investigate/research the topic
- process the information/data collected
- review and evaluate their findings
- produce a scientific report

The project will then be submitted and marked by SQA.

You must pass all three unit assessments and the course assessment to gain the course qualification.

The course assessment is graded A-D.

Further study or employment in:

- Medicine and Dentistry.
- Careers in a biology-based or related area including the health sector, agricultural science, pharmacy, education and environmental sciences.

BUSINESS MANAGEMENT

Why Business Management?

We all rely on businesses to create wealth, prosperity, jobs and choices. Studying Business Management gives you the opportunity to develop important skills such as problem solving, communication, planning and organising. You will learn through real-life business contexts how organisations operate.

These skills are valuable in a wide range of career sectors but are particularly useful if you are interested in entering the world of business — whether as a manager, employee or self-employed person.

NATIONAL 5

Entry to the Course

Entry is at the discretion of the school but you would normally have achieved:

- Level 4 Business

Course Outline

The course includes the study of organisations in the private, public and voluntary sectors. It combines theoretical aspects of business management with practical learning. This means that you can apply your skills and knowledge to real-life business contexts.

Understanding Business

You will:

- learn how entrepreneurship supports business development
- learn how organisations contribute to generating wealth and satisfying customers' needs
- understand key business terms and concepts, and how they are applied
- explore issues relating to the external environment and how these affect the way in which organisations operate.

Management of People and Finance

You will:

- learn how organisations manage people and finance
- understand how to apply business terms and concepts relating to the management of people and finance
- learn how to manage people in order to maximise their contribution to an organisation's success
- learn how to prepare and interpret financial information in order to solve financial problems facing businesses.

Management of Marketing and Operations

You will:

- learn about effective marketing and operations systems, including the processes and procedures organisations use to maintain quality and competitiveness
- understand how to communicate with consumers, maximise customer satisfaction and enhance competitiveness
- identify how to produce goods or services to an appropriate standard of quality.

Assessment

Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- SQA assignment
- question papers/tests.

Units do not contribute to your overall grade but to achieve the course qualification, you must pass all three units plus a course assessment.

The course assessment for this course consists of two components:

- question paper (90 marks)
- assignment (30 marks).

For the assignment component, you will be asked to produce a business report. The assignment component will be set by and externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and externally marked by SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Business Management

Homework
Learners would be expected to undertake approximately 20 hours of homework per unit. This will allow them the opportunity to consolidate, develop and revise the skills, knowledge and understanding being taught in the Unit.
Homework activities will take a variety of forms in order to develop the research, decision making, communication and entrepreneurial skills of the course as well a breadth and application of subject specific knowledge.

Equipment
No specialised equipment will be required at home for the study of Business Management at National 5 level.

BUSINESS MANAGEMENT - HIGHER

Why Business Management?

Business plays an important role in society. We all rely on businesses to create wealth, prosperity, jobs and choices. Therefore, it is essential for society to have effective businesses and business managers if they are to sustain this role.

Learning Business Management gives you the skills, knowledge and understanding needed to understand contemporary business. You will gain an understanding of the dynamic, changing, competitive and economic environment of industry and commerce. It develops skills in communicating and presenting business-related information, in a variety of formats, to the various stakeholders of an organisation.

The skills you learn on this course are valuable in a wide range of career sectors such as finance, transport, manufacturing or engineering — whether as a manager, employee or self-employed person.

Entry to the Course

Entry is at the discretion of the school or college but you would normally be expected to have:

- National 5 Business Management or relevant units from the course
- National 5 Economics
- Higher English

Course Outline

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

The course consists of three compulsory units and the course assessment unit.

Understanding Business (6 SCQF credit points)

In this unit you will:

- understand the ways in which organisations in the private, public and third sectors operate
- carry out activities that highlight the opportunities and constraints on these organisations in the pursuit of their strategic goals
- analyse and evaluate the impact that the external environment has on an organisation's activity
- consider the implications of a range of external factors that affect an organisation's decision making.

Management of People and Finance (6 SCQF credit points)

In this unit you will:

- deepen your understanding and critical awareness of the issues facing organisations in the management of people and finance
- carry out activities that will extend your grasp of relevant theories, concepts and procedures used in planning for an organisation's success, including leadership, motivation and finance
- explain, analyse and evaluate relevant business information, in each of these contexts, relating to business structure and activity.

Management of Marketing and Operations (6 SCQF credit points)

In this unit you will:

- deepen your understanding of the importance to organisations of having effective marketing and operations systems
- carry out activities that will extend your grasp of relevant theories, concepts and procedures used by organisations in order to improve and/or maintain quality and competitiveness
- learn about the importance of satisfying both internal and external customers' needs, along with a critical awareness of the issues facing organisations in relation to marketing and operations.

Course Assessment (6 SCQF credit points)

The course assessment has two components:

- a question paper (90 marks)
- an assignment (30 marks).

The question paper will assess your breadth of knowledge, understanding and skills accumulated across the course. The question paper will be set and marked by SQA.

The assignment will give you the opportunity to apply and extend your research, analytical, evaluative and decision making skills.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course it may lead to:

- other SQA qualifications in Business Management or related areas.

Further study, training or employment in:

- Administration & Management
- Computing & ICT
- Hospitality, Catering & Tourism
- Transport & Distribution

CHEMISTRY

Why Chemistry?

Chemistry is vital to everyday life and allows us to understand and shape the world in which we live. You will learn about the applications of chemistry in everyday contexts such as medicine, energy and industry, as well as its impact on the environment and sustainability. You will learn how to think creatively and independently, and analyse and solve problems.

Chemistry is an important subject in many careers, such as medicine, pharmaceuticals, the food industry and the manufacture of plastics.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 3 Chemistry
- Level 3 Biology
- Level 3 Physics

Course Outline

You will learn about how we use the Earth's resources, the chemistry of everyday products and environmental analysis. You will find out how chemistry affects our environment and our everyday lives. This will help you to make your own decisions on contemporary issues where scientific knowledge is constantly developing.

The course has **three** compulsory units, plus an added value unit that assesses your practical skills.

Chemical Changes and Structure

In this unit you will:

- develop scientific skills and knowledge of chemical reactions
- investigate rates of reaction, energy changes of chemical reaction, and the reactions of acids and bases and their impact on the environment
- research atomic structure and bonding related to properties of materials.

Nature's Chemistry

In this unit you will:

- research the Earth's rich supply of natural resources
- investigate how fossil fuels are extracted and processed for use, including the chemistry of using fuels and their effect on the environment
- explore plants as a source of fuels, carbohydrates and consumer products
- find out how chemists use plants in the development of everyday products.

Chemistry in Society

In this unit you will:

- investigate the chemical reactions, properties and applications of metal and alloys
- compare and contrast the properties and applications of plastics and new materials
- investigate the use of fertilisers, the formation of elements, and the presence of background radiation
- research the use of chemical analysis for monitoring the environment.

Added Value Unit: Chemistry Assignment

In this unit you will:

- carry out an investigation using the skills and knowledge you developed in the other three units
- investigate a topical issue in Chemistry from a selection
- produce a written summary of the research and development ideas that inspired your work.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- practical work - such as practical experiments
- written work - research assignments and reports
- projects
- class-based exams.

You must pass all the units including the practical unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Chemistry

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved one of the following:

- Level 4 Chemistry
- Level 4 Biology
- Level 4 Physics

Course Outline

You will learn about how we use the Earth's resources, the chemistry of everyday products and environmental analysis. You will find out how chemistry affects our environment and our everyday lives. This will help you to make your own decisions on contemporary issues where scientific knowledge is constantly developing.

The course has **three** units. The units are similar to those for **National 4** but you will be expected to achieve a higher standard of work.

Chemical Changes and Structure

In this unit you will:

- develop scientific skills and knowledge of chemical reactions
- investigate rates of reaction, energy changes of chemical reaction, and the reactions of acids and bases and their impact on the environment
- research atomic structure and bonding related to properties of materials.

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Chemistry in Society

In this unit you will:

- investigate the chemical reactions, properties and applications of metal and alloys
- compare and contrast the properties and applications of plastics and new materials
- investigate the use of fertilisers, the formation of elements, and the presence of background radiation
- research the use of chemical analysis for monitoring the environment.

Assessment

Units will be assessed internally by your teacher or lecturer as 'pass' or 'fail'. Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work - such as practical experiments
- written work - such as research assignments and reports
- projects
- question papers/tests.

The course assessment for this course consists of two components:

- question paper (100 marks)
- assignment (20 marks)

For the assignment component, you will be required to plan and carry out an experiment and compare your results to data obtained by research.

You then must produce a scientific report, under exam conditions, which will be externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Chemistry

Homework

The regular setting of homework is an essential component of the Chemistry department's programme of work. Homework can take a variety of forms; laboratory reports, problem solving exercises, calculations and independent study. Regular revision at home is required to consolidate the learning activities that take place during lessons.

Equipment

Students will be issued with a variety of materials. They are expected to take care of their materials and arrive for each lesson fully prepared for work.

CHEMISTRY - HIGHER

Why Chemistry?

Chemistry, the study of matter and its interactions, contributes essential knowledge and understanding across all aspects of our lives. Chemistry explains the links between the particulate nature of matter and the macroscopic properties of the world. Chemistry research and development is essential for the introduction of new products. The chemical industry is a major contributor to the economy of the country.

In this course you will learn of the impact chemistry makes on developing sustainability, and its effects on the environment, on society and on the lives of themselves and others. You will develop the ability to think analytically, creatively and independently, and to make reasoned evaluations.

The skills that you develop in chemistry are valuable in many careers, such as medicine, pharmaceuticals, the food industry and the manufacture of plastics and oil industry.

Entry to the Course

Entry is at the discretion of the school or college but you would normally be expected to have: a pass at National 5 Chemistry.

Course outline

This course develops scientific understanding of issues relating to chemistry, and uses the development of chemical theory to provide you with an extensive set of skills. Through application of a detailed knowledge and understanding of chemical concepts, in practical situations, you will develop an appreciation of the impact of chemistry on everyday life.

The course consists of four compulsory units and the course assessment unit.

Chemical Changes and Structure

In this unit you will:

- gain knowledge and understanding of controlling reaction rates and periodic trends
- improve your ability to make reasoned evaluations by recognising underlying patterns and principles
- investigate collision theory and the use of catalysts in reactions
- explore the concept of electro-negativity and intra-molecular and intermolecular forces
- investigate the connection between bonding and a material's physical properties.

Researching Chemistry

In this unit you will:

- learn the necessary skills to undertake research in chemistry
- research the relevance of chemical theory to everyday life by exploring the chemistry behind a topical issue
- develop the key skills associated with collecting and synthesising information from a number of different sources
- plan and undertake a practical investigation related to a topical issue, using your knowledge of common chemistry apparatus and techniques
- communicate their results and conclusions, using your scientific literacy skills.

Nature's Chemistry

In this unit you will:

- learn about organic chemistry within the context of chemistry of food and the chemistry of everyday consumer products, soaps, detergents, fragrances and skincare
- explore the relationship between the structure of organic compounds, their physical and chemical properties and their uses
- cover key functional groups and types of organic reaction.

Chemistry in Society

In this unit you will:

- learn about the principles of physical chemistry which allow a chemical process to be taken from the researcher's bench through to industrial production
- calculate quantities of reagents and products, percentage yield and the atom economy of processes
- develop skills to manipulate dynamic equilibria and predict enthalpy changes
- investigate the ability of substances to act as oxidising or reducing agents and their use in analytical chemistry through the context of volumetric titrations
- use analytical chemistry to determine the purity of reagents and products.

Course Assessment

The course assessment has two components:

- a question paper (120 marks)
- an chemistry related assignment (scaled to 30 marks).

The question paper will assess your breadth of knowledge, understanding and skills accumulated across the course. The question paper will be set and marked by SQA.

The assignment will assess the application of skills of scientific inquiry and related chemistry knowledge and understanding.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all four units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:
Advanced Higher Chemistry

Further study, training or employment in: Science & Mathematics, Manufacturing Industries, Health & Medicine, Animals Land & Environment, Security & Protective Services, Sports & Leisure

CHEMISTRY – ADVANCED HIGHER

Why Chemistry?

This course provides insight into the underlying theories of Chemistry and develops the practical skills used in a chemical laboratory.

The study of chemistry at this level can make a major contribution to your knowledge and understanding of the natural and physical environment. You will have the opportunity to develop the skills of independent study and thought that are essential in a wide range of subjects and occupations.

Advanced Higher Chemistry is particularly relevant if you wish to progress to degree courses, either in chemistry, or in subjects of which chemistry is a major component, such as medicine, chemical engineering or environmental science. The course also provides a sound basis for direct entry to chemistry related employment.

Entry to the course

This is at the discretion of the school but you would normally be expected to have achieved one of the following:

- Pass at Higher Chemistry course
- an equivalent award.

Course outline

The course is made up of one 20 hour unit, two 40 hour units and a 20 hour Chemical Investigation. In addition, there are 40 hours of flexible time.

Researching Chemistry (20 hours)

In this unit you will develop knowledge and understanding, problem solving skills and practical abilities in the contexts of:

- gravimetric analysis
- volumetric analysis
- practical skills and techniques
- stoichiometry

Inorganic and Physical Chemistry (40 hours)

In this unit you will develop knowledge and understanding, problem solving skills and practical abilities in the contexts of:

- electronic structure
- chemical bonding
- some chemistry of the Periodic Table.
- chemical equilibrium
- reaction feasibility
- kinetics.

Organic Chemistry and Instrumental Analysis (40 hours)

In this unit you will develop knowledge and understanding, problem solving skills and practical abilities in the contexts of:

- permeating aspects of organic chemistry
- systematic organic chemistry
- stereoisomerism
- structural analysis
- pharmaceutical chemistry.

Chemical Investigation (20 hours)

In this unit you will develop your investigative, problem solving, numeracy and communication skills by carrying out a short chemical investigation.

Core Skills

- H (SCQF 6) Problem Solving (Critical Thinking and Planning and Organising)
- H (SCQF 6) Numeracy (Using Graphical Information, Using Numbers)

Course Assessment

The course assessment has two components:

- a question paper (100 marks)
- a chemical investigation and report (30 marks).

Assessment

Units are assessed internally by your teacher/lecturer in accordance with SQA guidelines.
The course is assessed by an external examination, set and marked by the SQA.
A report on the chemical investigation is also externally assessed and contributes towards the final grade.

Progression

Successful completion of this course may lead to: Education (HNC/HND/Degree) or Employment in

- Science & Mathematics
- Manufacturing Industries
- Health & Medicine
- Animals, Land & Environment
- Security & Protective Services
- Sports & Leisure

COMPUTING SCIENCE

Why Computing Science?

Computing Science is vital to everyday life. It shapes the world we live in and its future. Almost every kind of business and organisation now need computers. And, many people now have computers at home, not to mention the latest handheld devices, like mobile phones and media tablets. Rapid advances in new technology now mean that there is even more demand for people with computing qualifications.

In this course you will understand how computers play a central role in the today's world. You will learn how to analyse and solve computing problems in real life situations. And, you will look at the role of computing professionals as problem solvers and designers.
The skills you learn in this course are useful in lots of different job areas. These include science, communications, entertainment, education, business and industry.

NATIONAL 4

Course Outline

This course aims to help you understand key computing concepts and processes. You will learn basic computing, logical and problem solving skills. You will learn how to solve a variety of computing problems, through designing, developing and testing in real life situations. And, you will look at the impact of computing technologies on the environment or society.

The course has **two** compulsory units, plus an added value unit that assesses your practical skills.

Software Design and Development

In this unit you will:

- learn, understand and solve problems in software design and development
- develop basic computational thinking and programming skills through practical tasks
- learn how data and instructions are stored in binary form and how programming supports computer applications
- look at the impact of today's software-based applications on society or the environment.

Information System Design and Development

In this unit you will:

- learn, understand and solve problems in information system design and development
- use suitable development tools to create databases, web-based information systems or multimedia information systems
- learn about basic computer hardware, software, connectivity and security issues through a range of practical and research tasks.

Added Value Unit: Computing Science Assignment

In this unit you will:

- investigate and find a solution to a computing problem
- produce a short report on how you tested the solution.

Assessment

Your work will be assessed by your teacher or tutor on an ongoing basis throughout the course. Items of work might include:

- practical work – producing web pages, blogs, games or digital presentations
- class-based tests – online or electronic tests or a producing a short written report
- SQA unit assessments
- SQA added value unit

You must pass all units plus the added value unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Computing Science

NATIONAL 5

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- Level 4 Computing Science

Course Outline

This course aims to help you develop a range of computing and computational thinking skills. You will learn how to analyse and solve problems. Develop skills in design and modelling, developing, implementing and testing digital solutions across a range of contemporary contexts. You will also look at the legal and environmental impact of computing technologies.

Software Design and Development

You will:

- learn, understand and solve problems in software design and development
- develop computational thinking and programming skills by implementing practical solutions and explaining how these programs work
- learn how data and instructions are stored in binary form and basic computer architecture
- develop an awareness of different contemporary software development languages/environments including CSS/html, JavaScript and SQL.

Information System Design and Development

You will:

- learn, understand and solve problems in information system design and development through practical and investigative tasks
- apply computational thinking skills to implement practical solutions using a range of development tools
- develop an understanding of the technical, legal and environmental issues related to one or more information systems.

Assessment

Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work – such as developing and testing your own short program
- written work – such as producing a short detailed report
- SQA assignment.

Units do not contribute to your overall grade but to achieve the course qualification, you must pass both units plus a course assessment.

The course assessment for this course consists of two components:

- question paper (110 marks)
- assignment (50 marks).

For the assignment component, you will be asked to analyse a computing problem, design and implement a solution, and produce a short report on how you tested it. Your assignment will be set by the Scottish Qualifications Authority (SQA) and externally marked by SQA.

The question paper will be set and marked externally by the SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Computing Science

Homework

Homework will be set on a regular basis for all courses. The quantity will be appropriate to the level of course each pupil is following. All homework will reflect on and complement Curriculum for Excellence values, purposes and principles, as well as, skills for learning, skills for life and skills for work in the subject.

Equipment

Pupils are not required to bring specialist equipment.

COMPUTING SCIENCE - HIGHER

Why Computing Science?

Computing science is vital to everyday life — socially, technologically and economically; it shapes the world in which we live and its future. Computing is embedded in the world around us from systems and devices in our homes and places of work, to how we access education, entertainment, transportation and communication.

This course will introduce you to an advanced range of computational processes and thinking. You will learn to apply a rigorous approach to the design and development process across a variety of contemporary contexts. You will also gain an awareness of the importance that computing professionals play in meeting the needs of society today and for the future, in fields which include science, education, business and industry.

Entry to the course

The school or college will decide on the entry requirements for the course. You would normally have achieved:

- National 5 Computing Science or relevant units from course.

Course Outline

This course enables you to develop an extended range of computing and computational thinking skills, including skills in analysis and problem-solving, design and modelling, developing, implementing, testing and evaluating digital solutions across a range of contemporary contexts. You will also develop and extend knowledge and understanding of key concepts and processes, and the ability to apply this to a variety of problems.

The course consists of two area of study:

Software Design and Development (9 SCQF credit points)

In this unit you will:

- develop knowledge and understanding of advanced concepts and practical problem-solving skills in software design and development through appropriate software development environments
- develop programming and computational thinking skills by designing, implementing, testing and evaluating practical solutions and explaining how these programs work
- develop an understanding of computer architecture and the concepts that underpin how programs work
- through investigative work, gain an awareness of the impact of contemporary computing technologies.

Information System Design and Development (9 SCQF credit points)

In this unit you will:

- develop knowledge and understanding of advanced concepts and practical problem-solving skills in information system design and development through a range of practical and investigative tasks
- apply your computational thinking skills to implement practical solutions using a range of development tools
- develop an understanding the technical, legal, environmental, economic and social issues related to one or more information systems.

Course assessment (6 SCQF credit points)

The course assessments has two components:

- a question paper (worth 110 marks)
- an assignment (worth 50 marks).

The question paper will assess your breadth of knowledge, understanding and skills accumulated across the course. The question paper will be set and marked by SQA.

The assignment will assess your practical application of knowledge and skills from the units to develop a solution to an appropriately challenging computing science problem. The assignment is set by the SQA and student will carry out the tasks over an eight-hour period. The assignment is then externally marked by the SQA.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher
- University and College courses in a very wide variety of digital skills.

Further study, training or employment in:

- Computing and ICT
- Engineering
- Science and Mathematics
- Creative industries
- Law
- Robotics
- Marketing

CYBER SECURITY - SCQF LEVELS 4, 5 AND 6

Thinking of a career in Cyber Security?

The Cyber Security course provides foundation knowledge and skills in data security, digital forensics and ethical hacking — and provides a skills pipeline into the cyber security industry.

These awards are designed to raise awareness of cyber security and **fill the current skills gap in this field**. They will encourage learners to improve their cyber hygiene and enable them to identify security weakness safely, legally and ethically. They will also help learners to contribute more safely to virtual communities.

They are the first school-based national qualifications in cyber security to be developed and will prepare learners for further studies and future employment in this area.

Ethics and the law are fundamental aspects of these awards. Ethical considerations are included in every component Unit, and legislative considerations are included in all appropriate Units. The aim of the awards is to produce knowledgeable and skilled individuals who are aware of the potential misuses of, and unauthorised access to, computer systems but who use these competences for legal and ethical purposes.

Cyber Security is one of the fastest growing and most employable sectors globally. As more of our lives are automated and integrated the need for people to be trained to secure and have an understanding of how to secure systems is critical.

Course Description

The National Units within the award are designed to incorporate the three main areas of cyber security. These are:

- Data Security
- Digital Forensics
- Ethical Hacking

Assessment

Assessment of this award will be a combination of practical and knowledge assessments.

GAMES DESIGN - SCQF LEVEL 4/5/6

Rationale

Computer games are being used increasingly for leisure, in education and work-based training. Computer gaming is now a growing industry, with Scotland one of the global leaders. Scottish based games developers have received £1m of European money and £2.5m from the UK government with the precise aim of creating more companies, stimulating more jobs and developing the skills of other workers in the Games Design field. Many colleges and universities in Scotland offer computer gaming or related courses. In order to meet the Curriculum for Excellence Technologies Outcomes and Experiences, all school pupils in Scotland must have experience of computer games development. Learning how to develop computer games offers young people opportunities to develop their skills for life and skills for work within a creative and work-related context, allowing them to see the links between the classroom and the world of work. It is recognised that candidates who demonstrate basic Core Skills coupled with an understanding of the use of digital technology are more likely to gain employment than those with just IT skills.

Entry Qualifications

The target group for this award is S5 and S6 pupils who will undertake the qualification as a broadening of the Computing Science and Digital Media Curriculum. It would be highly beneficial if pupils possessed SG Computing to help them cope with the Programming element which is demanding.

Course Description

There are 3 units:

- Computer Games: Design
- Computer Games: Media Assets
- Computer Games: Development

Each unit has been designed to encourage pupils to:

- Be creative: improve Core Skills and improve Skills for Work in Interactive Media and Computer Games,
- Develop personal qualities by encouraging them: to develop an enterprising attitude, to develop an understanding of the world of work, to become adaptable and confident with a positive attitude to change.

Assessment

In order to achieve the award candidates must successfully complete all 3 units. They will be expected to create a portfolio of work over the period of each unit. This portfolio will be internally assessed with external verification being carried out by the SQA. The quality of work will determine the level of the award (SCQF 4, 5 or 6).

ENGLISH

Why English?

Language and literacy are of personal, social and economic importance. Your ability to use language lies at the centre of the development and expression of your emotions, thinking, learning and sense of personal identity. You develop skills in listening, talking, reading and writing, which are essential for learning, life and work. In addition, you will also learn to use creative and critical thinking skills in order to produce ideas and arguments.

The skills that you develop in English are useful in a wide range of careers; these include teaching, editorial, journalism, administration, legal work or in the arts.

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 4 English

Course Outline

This course helps you understand the complexities of language through studying a wide range of texts, including studying the use of vocabulary, word patterns, text structures and style. You will develop an appreciation of Scotland's literary and linguistic culture, as well as developing high levels of analytical thinking and understanding of the impact of language. Finally, you will have the opportunity to develop your creativity in writing, experimenting with various genres and applying your knowledge of language to the production of your own texts.

The course currently has two different learning pathways:

- National 5 English – Units only
- National 5 English Course Award

Your progress and attainment throughout the year will determine which pathway you will take.

NATIONAL 5 ENGLISH - UNITS ONLY

There are 2 units to be completed, which are similar to those for National 4 but you will be expected to produce a higher standard of work.

Analysis and Evaluation Unit

In this unit you will:

- Develop listening and reading skills in the contexts of literature, language and media
- Develop the skills needed to understand, analyse and evaluate detailed texts

Creation and Production Unit

In this unit you will:

- Develop talking and writing skills in a range of contexts
- Develop the skills needed to create and produce detailed texts in both written and oral forms.

Assessment

Units will be assessed internally by your teacher. Your work will be assessed on an ongoing basis throughout the course.

Progression

If you successfully complete the National 5 units, it may lead to studying for the National 5 Course award in future.

NATIONAL 5 ENGLISH COURSE AWARD

In order to achieve the course award for National 5 English you will have to:

- Submit a folio of writing
- Complete a formal spoken language assessment
- Sit a final exam

Folio of Writing

During the course of the year you will also need to complete a folio of writing. This will be made up of two essays of different genres - creative and discursive – and is worth 30 marks. It is set and externally marked by the SQA.

Spoken Language Assessment

In order to progress to the final exam, you will need to complete a Spoken Language assessment. This involves either the delivery of a solo presentation and responding to questions, or taking part in an assessed group discussion.

This assessment is not graded, but does need to be achieved in order to progress to the final exam.

Exam

The final exam is made up of two sections, both of which are set and externally marked by SQA, and will build on the work you have been studying all year in class:

- Reading for Understanding, Analysis and Evaluation - A close reading paper worth 30 marks
- Critical Reading – a paper involving the analysis of a previously studied Scottish text and the completion of a critical essay. Together these are worth 40 marks

Assessment

The course assessment is graded A-D

Progression

If you complete the National 5 English Course award, it may lead to:

- Higher English

Homework

The regular setting of homework is an essential component of the English department's programme of work. Homework can take a variety of forms. Examples of the types and length of homework you can expect to be issued are:

- Completion of first / final edits
- Completion of class texts and tasks related to them
- Spelling/Language / Literacy tasks
- Private Reading
- Revision for internal assessments
- Revision for external assessment at National 5

Equipment

There is no special equipment required to complete the English course. Students are, however, expected to take care of textbooks issued to them and be fully prepared for all classes and assessments.

ENGLISH - HIGHER

Why English?

Language and literacy are of personal, social and economic importance. Your ability to use language lies at the centre of the development and expression of your emotions, thinking, learning and sense of personal identity.

This course gives you the opportunity to develop skills in listening, talking, reading and writing, which are essential for learning, life and work. You will develop your ability to communicate your thoughts and feelings and respond to those of other people.

The skills that you develop in English are useful in a wide range of careers; these include teaching, editorial, journalism, administration, legal work or in the arts.

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- National 5 English – Course award

Course Outline

This course helps you understand the complexities of language through studying a wide range of texts, including studying the use of vocabulary, word patterns, text structures and style. You will develop an appreciation of Scotland's literary and linguistic culture, as well as developing high levels of analytical thinking and understanding of the impact of language. Finally, you will have the opportunity to develop your creativity in writing, experimenting with various genres and applying your knowledge of language to the production of your own texts.

The course currently has two different learning pathways:

- **Higher English – Units only**
- **Higher English Course Award**

Your progress and attainment throughout the year will determine which pathway you will take.

HIGHER ENGLISH - UNITS ONLY

There are 2 units to be completed, which are similar to those for National 5 but you will be expected to produce a higher standard of work and be able to engage with more complicated texts.

Analysis and Evaluation Unit

In this unit you will:

- Develop listening and reading skills in the contexts of literature, language and media
- Develop the skills needed to understand, analyse and evaluate detailed and complex texts

Creation and Production Unit

In this unit you will:

- Develop talking and writing skills in a range of contexts
- Develop the skills needed to create and produce detailed and complex texts in both written and oral forms.

Assessment

Units will be assessed internally by your teacher. Your work will be assessed on an ongoing basis throughout the course.

Progression

If you successfully complete the Higher units, it may lead to studying for the Higher Course Award in future.

HIGHER ENGLISH COURSE AWARD

In order to achieve the course award for Higher English you will have to:

- Submit a folio of writing
- Complete a formal spoken language assessment
- Sit a final exam

Folio of Writing

During the course of the year you will also need to complete a folio of writing. This will be made up of two essays of different genres - creative and discursive – and is worth 30 marks. It is set and externally marked by the SQA.

Spoken Language Assessment

In order to progress to the final exam, you will need to complete a Spoken Language assessment. This involves **either** the delivery of a solo presentation and responding to questions, **or** taking part in an assessed group discussion.

This assessment is not graded, but does need to be achieved in order to progress to the final exam.

Exam

The final exam is made up of two papers, both of which are set and externally marked by SQA, and will build on the work you have been studying all year in class:

- **Reading for Understanding, Analysis and Evaluation** – a close reading paper involving the comparison of two separate passages and worth 30 marks
- **Critical Reading** – a paper involving the analysis of a previously studied Scottish text and the completion of a critical essay. Together these are worth 40 marks

Assessment

The course assessment is graded A-D

Future study, training or employment

If you complete the Higher English Course award, it may lead to:

- Progressing on to study Advanced Higher English
- Entry to a degree course in Languages, Arts or Social Sciences
- A career in teaching, editing, publishing or broadcasting

It is important to note that Higher English is often a requirement of many Universities for a whole range of degree courses.

ENGLISH: ADVANCED HIGHER

Why English?

In Advanced English you will get the opportunity to closely study some of the great works of English literature, where you will gain considerable ability to think and work independently. You will also develop more sophisticated language skills as well as analytical skills.

Entry to the course

This is at the discretion of the school but you would normally be expected to have attained

- Higher English

Course Outline

Advanced Higher English fosters an in depth appreciation, of complex and sophisticated language, and of a wide range of literature and texts in different genre. You will learn to apply critical, analytical and evaluative skills to a wide range of complex and sophisticated texts from different genres. You will also develop sophisticated writing skills, responding to the way structure, form and language shape the overall meaning of texts.

The course is made up of **two** mandatory units:

English: Analysis and Evaluation

- critically respond to previously studied complex and sophisticated texts in depth
- carry out an independent study into an aspect or aspects of literature.

English: Creation and Production

- provide evidence of your writing skills through the production of writing which demonstrates a range of skills necessary for the deployment of language to create effect.

Assessment

Units do not contribute to your overall grade but to achieve the course qualification, you must pass all units and the course assessment.

The course assessment for this course consists of **two** components:

- a question paper through which learners will write a critical response on drama or prose, and undertake a textual analysis of an unseen poem or extract from a poem (40 marks)

- a portfolio, which will contain two pieces of writing and the dissertation (60 marks)

The portfolio is made up of two components: a dissertation and a folio of writing. The dissertation must be at least 2,500 words in length and is worth 30 marks (30% of the overall course award), while the folio of writing is made up of two writing pieces from different genres, also worth 30 marks in total.

The question paper is also made up of two sections. Learners will choose one question from a range of questions on prose or drama to provide an extended written response. This will have 20 marks
Learners will also complete a textual analysis of an unseen poem or extract from a poem. This will also have 20 marks.

The course assessment is graded A-D

Progression

If you complete the course successfully, it may lead to:

- degrees in higher education
- further academic study in English or related areas
- employment or training

ENVIRONMENTAL SCIENCE

Why Environmental Science?

Environmental Scientists tackle issues such as global climate change, pollution, use of land and water resources and changes in wildlife habitats. You will learn how science can help us to understand and respond to these environmental issues.

The skills that you learn while studying Environmental Science, such as investigating, critical thinking, project management and survey techniques, are valuable in a wide variety of industry sectors.

HIGHER /NATIONAL 5

Entry to the course

Entry is at the discretion of the school and you should have achieved at least one of the following:

- National 5 Environmental Science
- National 5 Geography
- National 5 Biology
- National 5 Chemistry
- National 5 Physics

Course Outline

Environmental science is an interdisciplinary subject, which draws from science and social science subjects. You will learn about how we use the Earth's resources, different ways of producing energy, and the effects of global climate change. This will help you to make your own decisions on contemporary issues where scientific knowledge is constantly developing.

The course has three compulsory units. The units are similar to those for National 4, but you be expected to produce a higher standard of work.

Environmental Science: Living Environment (6 SCQF credit points)

In this unit you will:

- learn about the living environment within the main themes of ecosystems, inter-relationships, and biodiversity
- practical activities could include fieldwork to sample and identify living things and measure non-living factors in an ecosystem.

Environmental Science: Earth's Resources (6 SCQF credit points)

In this unit you will:

- develop your knowledge and understanding of the Earth's resources
- research issues relating to Earth systems and their interactions, the geosphere, the hydrosphere, the biosphere and the atmosphere.

Environmental Science: Sustainability (6 SCQF credit points)

In this unit you will:

- develop your knowledge and understanding of sustainability
- research issues relating to sustainability, food, water, energy and waste management.

Assessment

Units will be assessed internally by your teacher or lecturer as 'pass' or 'fail'. Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work - such as practical experiments
- written work - such as research assignments and reports
- projects
- question papers/tests.

Units do not contribute to your overall grade but to achieve the course qualification, you must pass all units plus a course assessment.

The course assessment for this course consists of two components:

- question paper (80 marks)
- assignment (20 marks).

For the assignment component, you will be asked to investigate a topical issue in environmental science from a selection and produce a report on your findings. The assignment component will be set and externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by the SQA.

The Course assessment is graded A–D.

Progression

If you complete the course successfully, it may lead to:

- Higher Human Biology

Further study, training or employment in:

- Animals, Land and Environment
- Science and Mathematics

FASHION AND TEXTILE TECHNOLOGY

Why Fashion and Textile Technology?

Studying Fashion and Textile Technology will help you to develop knowledge of textile properties, characteristics and technologies, item development, fashion/textile trends and factors that affect fashion choice. The course particularly emphasises the development of practical skills and textile construction techniques to make straightforward fashion/textile items, to an appropriate standard of quality.

NATIONAL 4

Entry to the course: entry is at the discretion of the school.

Course Outline

This course aims to develop practical skills and textile construction techniques so you can make straightforward fashion/textile items, to an appropriate standard of quality. You will learn about properties, characteristics and technologies for textiles, item development, fashion/textile trends and factors that affect fashion choice.

This course will also help you to develop important skills, attitudes and attributes related to fashion and textiles that are transferable to other contexts, including problem-solving skills and communication skills. It may also contribute towards the development of your numeracy skills through the measurement of textiles and the timing of production.

The course has **three** compulsory units, plus an **added value** unit that assesses your practical skills.

Fashion and Textile Technology: Textile Technologies

In this unit you will:

- develop straightforward knowledge and skills related to textile technologies. This includes knowledge of the characteristics and properties of a range of fabrics and their uses
- make straightforward fashion/textile items, to an appropriate standard of quality, using a pattern and a range of textile construction techniques
- learn to select, set up and use equipment and tools safely and correctly.

Fashion and Textile Technology: Fashion/Textile Item Development

In this unit you will:

- explore fashion/textile trends and the fashion/textile item development process. They will work with given briefs to develop solutions for straightforward fashion/textile items based on those trends
- plan and make straightforward fashion/textile items, to an appropriate standard of quality, which takes into account fashion/textile trends
- learn to select, set up and use equipment and tools safely and correctly.

Fashion and Textile Technology: Fashion and Textile Choices

In this unit you will:

- develop and apply your knowledge and understanding of a range of factors affecting the fashion and textile choices of consumers
- investigate the fashion/textile choices of consumers and develop solutions for items to meet these choices
- make and evaluate straightforward fashion/textile items, with a focus on factors that affect fashion/textile choice
- learn to set up and use equipment and tools safely and correctly.

Added Value Unit: Fashion and Textile Technology: Making a Fashion/Textile Item

In this unit you will apply your skills and knowledge to make a fashion/textile item.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- practical work - such as drawings and making a fashion/textile item
- written work - reports and design plans
- projects
- class-based exams.

Contributions

Pupils are required to purchase materials needed for the manufacturing of their chosen fashion/textile items.

Progression

If you complete the course successfully, it may lead to: National 5 Fashion and Textile Technology

NATIONAL 5

Entry to the course: Entry is at the discretion of the school.

Course Outline

On this course you will develop practical skills and textile construction techniques to make detailed fashion/textile items, to an appropriate standard of quality. You will also develop an understanding of textile properties, characteristics and technologies, item development, fashion/textile trends and factors that affect fashion/textile choice.

The course also enables you to develop important skills, attitudes and attributes related to fashion and textiles that are transferable to other contexts including problem-solving skills and communication skills.

It may also contribute towards the development of numeracy skills through the measurement of textiles and the timing of production.

The course comprises **three** areas of study.

Textile Technologies

You will learn how to:

- develop detailed knowledge and skills related to textile technologies. This includes the characteristics and properties of a range of textiles and their uses
- make detailed fashion/textile items, to an appropriate standard of quality, using a pattern and a range of textile construction techniques
- select, set up, adjust and use equipment and tools safely and correctly.

Fashion/Textile Item Development

You will:

- explore fashion/textile trends and the fashion/textile item development process
- work with given briefs to develop solutions for detailed fashion/textile items based on those trends
- plan and make detailed fashion/textile items, to an appropriate standard of quality, that take into account fashion/textile trends
- learn to select, set up, adjust and use equipment and tools safely and correctly.

Fashion and Textile Choices

You will:

- develop and apply your knowledge and understanding of a range of factors affecting the fashion and textile choices of consumers
- investigate the fashion/textile choices of consumers and develop solutions for items to meet these choices
- make and evaluate detailed fashion/textile items, with a focus on factors that affect fashion and textile choice
- learn to select, set up, adjust and use equipment and tools safely and correctly.

Assessment

The course assessment has **three** components **totalling 130 marks**:

- Component 1: question paper – worth 30 marks
- Component 2: assignment – worth 50 marks
- Component 3: practical activity – worth 50 marks.

Component 2 and component 3 are inter-related and will be assessed using one activity. You will carry out one task — designing, planning, making and evaluating a fashion/textile item — which will provide evidence for both components.

The assignment will be externally marked by the Scottish Qualifications Authority (SQA). The practical activity will be marked internally by your school or college, and quality assured by the SQA.

The question paper will be set and marked externally by SQA.

The grade awarded is based on the total marks achieved across all course assessment components.

The course assessment is graded A-D.

Contributions

Pupils are required to purchase materials needed for the manufacturing of their chosen fashion/textile items.

Progression

If you complete the course successfully, it may lead to:

- National 5 Fashion and Textile Technology
- Higher Fashion and Textile technology

HIGHER

Entry to the course: Entry is at the discretion of the school.

Course Outline

This course helps you to develop an understanding of how the fashion industry operates and of the effects of, and influences on, consumer fashion/textile choices. You will get the opportunity to develop and communicate your own ideas for fashion/textile items, explore the technological process of developing fashion/textile items, and consider a range of design and construction techniques.

The course consists of **three** compulsory units and the course assessment unit.

Fashion and Textile Technology: Fashion and Textile Choices (6 SCQF credit points)

In this unit you will:

- investigate a range of issues influencing the fashion or textile industry. This could include ethical, environmental, economic, social and cultural issues

- analyse how these issues influence decisions taken by industry and choices made by consumers and evaluate how fashion or textile items meet a range of consumer or industry needs
- communicate your findings in an appropriate way.

Fashion and Textile Technology: Fashion/Textile Item Development

In this unit you will:

- explore the fashion item development process
- develop knowledge and understanding of how industry creates and develops fashion/textile items
- produce and evaluate your own fashion item to meet the needs of a brief.

Fashion and Textile Technology: Textile Technologies

In this unit you will:

- develop and apply your knowledge and understanding of textile technologies and construction techniques
- explore the characteristics and properties of a range of textiles and their uses in making fashion or textile items
- develop and use a range of textile construction techniques and independently use tools and equipment to make fashion or textile items which are fit for purpose.

Assessment

The course assessment consists of an assignment. The assignment will be set by SQA.

You will be asked to develop ideas, and plan, make and present a completed fashion or textile item in response to the given brief.

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Contributions

Pupils are required to purchase materials needed for the manufacturing of their chosen fashion/textile items.

Progression

If you complete the course successfully, it may lead to:

- other qualifications in Fashion and Textile Technology or related areas.

Further education, training or employment in Fashion and Textiles:

**Art and Design*
**Fashion design*
**Fashion retailing*
**Fashion merchandising*
**Fashion marketing*
**Clothing production*
**Textile production*
**Textile technology*
**Textile design*
**Soft furnishing production*
**Interior design/decorating*
**Dressmaking*
**Garment technology*
**Costume design*
**Teaching*
**Craft work*
**Image consultancy*
**Visual merchandising*

FRENCH

Why French?

Learning a new language helps you to connect with different people and their cultures. You think, talk about and create ideas through language.

French is the second most popular learned language in the world after English, and is spoken in around 30 countries. These include: Belgium, Canada, Switzerland and many countries in central and North Africa. It is one of the official languages of the European Union, the United Nations and the International Olympic Committee and NATO.

It is a valuable second language in many different career areas and, of course, is useful when you are on holiday or travelling in France and other French-speaking countries.

Furthermore, through the Scottish Government's policy "Language Learning in Scotland: A 1 + 2 Approach", every child will now have the opportunity to learn a modern language from Primary 1 onward and the right to a second modern language from Primary 5 onwards by 2020.

NATIONAL 4

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- Appropriate level in S3 French

Course Outline

This course offers you the chance to develop skills in reading, listening, talking and writing in French, important for learning, work and life. You will also learn to understand how language works and how to get across information and ideas.

You will study a wide range of different types of texts in different media. You will also learn to think critically, creatively and develop cultural awareness.

The course has **two** compulsory units, plus an added value unit that assesses your practical skills

French: Understanding Language

In this unit you will:

- develop reading and listening skills in French
- develop your knowledge of straightforward French in the contexts of society, learning, employability and culture.

French: Using Language

In this unit you will:

- develop talking and writing skills in French
- develop your knowledge of straightforward French in the contexts of society, learning, employability and culture.

Added Value Unit: French Assignment

In this unit you will:

- select relevant information from at least two written texts
- make a spoken presentation in French, and respond appropriately to questions in French.

Assessment

Your teacher or tutor will assess your work on an ongoing basis throughout the course. Items of work might include:

- practical work – reading, speaking or listening to texts
- written work – producing straightforward texts or reports.

You must pass both units plus the added value unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 French

NATIONAL 5

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- Appropriate level in S3 French

Course Outline

This course offers you the opportunity to develop detailed language skills in meaningful contexts of culture, society, learning and work. You will read, listen, talk and write in French, and reflect how this relates to English. You will also learn to understand how language works and how to get across information and ideas. You will study a wide range of different types of texts in different media. You will also learn to think critically, creatively and develop cultural awareness.

The course has **two** compulsory units. The units are similar to those for National 4 but you will be expected to produce a higher standard of work.

French: Understanding Language

In this unit you will:

- develop reading and listening skills in French
- develop your knowledge of detailed French in the contexts of society, learning, employability and culture.

French: Using Language

In this unit you will:

- develop talking and writing skills in French
- develop your knowledge of detailed French in the contexts of society, learning, employability and culture.

Assessment

The course assessment has five components:

Component	Marks	Scaled Mark	Duration
Component 1 : question paper 1 Reading	30	30	1 hour and 30 mins
Component 2 : question paper 1 Writing	20	15	
Component 3 : question paper 2 Listening	20	30	30 mins approx
Component 4 : Assignment – Writing	20	15	
Component 5 : Performance – Talking	30	30	6-8 mins approx

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher French

Homework

Homework is an essential part of teaching and helps to establish a routine of high expectations and achievement. In Modern Languages, homework is issued after every lesson. Its purpose is to promote the learning of the relevant material and to consolidate previous learning. Homework will challenge all pupils and provide them with opportunities for personal achievement. Pupils will have an element of personalisation and choice where appropriate. The amount of homework set and the level of the task will be in-line with the level of the pupils' ability. Homework tasks are explained in detail by the teacher and pupils should always note the task carefully in their homework diary. The bulk of homework issued in Modern Languages in S3 and S4 will take the form of learning vocabulary or preparing for specific Reading, Speaking and Writing tasks, and written homework will also be given at times. In addition, we encourage pupils to use the internet to enrich their learning and develop their skills. We recommend the following websites in particular:

www.linguascope.com
www.languagesonline.com
www.bbc.co.uk/languages/french/mafrance
www.zut.org.uk
www.bbc.co.uk/scotland/education/french
www.euroclubschools.co.uk

FRENCH - HIGHER

Why French?

The purpose of this course is to enable you to develop your ability to use the French language in useful and relevant contexts. The four skill areas are listening, speaking, reading and writing. In addition, the course provides you with knowledge of France and the customs and way of life of the French people.

Since the establishment of the Single European Market in 1992, many companies require employees who are fluent in one or more European language.

Furthermore, through the Scottish Government's policy "Language Learning in Scotland: A 1 + 2 Approach", every child will now have the opportunity to learn a modern language from Primary 1 onward and the right to a second modern language from Primary 5 onwards by 2020.

Higher French is therefore an extremely useful course for a variety of career paths. It is also valuable for your general education and personal development.

Entry to the course

This is at the discretion of the school/college but you would normally be expected to have attained one of the following:

- National 5 French or relevant units from the course.

Course Outline

This course aims to help you develop your reading, listening, talking and writing skills in French, in a variety of contexts. You will encounter a wide range of different types of texts in different media. In addition, the course also provides you with knowledge of France and the customs and way of life of the French people.

The course consists of two compulsory units and the course assessment unit.

Understanding French (9 SCQF credit points)

In this unit you will:

- develop and extend reading and listening skills in French
- develop your knowledge and understanding of detailed and complex French in the contexts of society, learning, employability, and culture.

Using French (9 SCQF credit points)

In this unit you will:

- develop and extend talking and writing skills in French
- develop your knowledge and understanding of detailed and complex French in the contexts of society, learning, employability, and culture.

Course assessment (6 SCQF credit points)

The course assessment consists of two components:

- two question papers: Reading and Directed Writing (40 marks) and Listening and Writing (30 marks)
- a performance (30 marks).
  Total 100 marks

The question papers will assess your listening, reading, and writing skills in French. The question papers will be set and marked by SQA.

The performance has two sections; delivering a presentation in French, and taking part in a natural, spontaneous conversation with the teacher or lecturer in French. The conversation will be from one of the following contexts: society, learning, employability, or culture.

Course Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass both units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

Successful completion of this course may lead to:

- Advanced Higher French

Further study, training or employment in:

- Administration & Management
- Arts, Social Science & Religion
- Hospitality, Catering & Tourism
- Languages
- Law
- Business
- Marketing
- Publishing
- Civil Services
- Medicine
- Engineering
- Journalism
- Broadcasting
- International opportunities
- International Banking
- Secondary Teaching
- Primary Teaching

FRENCH - ADVANCED HIGHER

Why French?

The aim of this course is to allow you develop your existing ability in the four language skill areas of listening, speaking reading and writing. You will have the opportunity to acquire greater fluency, flexibility and accuracy in the language and widen your knowledge of French literature and culture.

Since the establishment of the Single European Market in 1992, many companies are seeking employees with fluency in one or more European languages.

Furthermore, through the Scottish Government's policy "Language Learning in Scotland: A 1 + 2 Approach", every child will now have the opportunity to learn a modern language from Primary 1 onward and the right to a second modern language from Primary 5 onwards by 2020.

Advanced Higher French is extremely valuable for many career paths, for entry to higher or further education and for your general education and personal development.

Entry to the Course

This is at the discretion of the school/college, but you would normally be expected to have attained one of the following:

- Higher French units or course
- an equivalent qualification.

Course Outline

The Course offers learners opportunities to deepen their knowledge of France and the customs and way of life of the French people as well as to develop and extend a wide range of skills. These include :

- advanced listening and talking, reading, and writing skills in the modern language, as appropriate to purpose and audience, in the contexts of society, learning, employability, and culture
- advanced knowledge and understanding required to understand and use the modern language, as appropriate to purpose and audience, in the contexts of society, learning, employability, and culture
- understanding an advanced range of grammatical knowledge when using the modern language
- advanced knowledge and understanding required to apply the language skills of translation and either:
- advanced knowledge and appreciation of literary and/or media texts in the modern language or:
- advanced knowledge and appreciation of a thematic aspect

The course consists of the following units :

Understanding Language (8 SCQF credit points)

- develop and extend reading and listening skills in French
- develop a knowledge and understanding of complex and sophisticated language in the contexts of society, learning, employability and culture.

Using Language (8 SCQF credit points)

- develop and extend talking and writing skills in French
- develop a knowledge and understanding of complex and sophisticated language in the contexts of society, learning, employability and culture.

Specialist Study (8 SCQF credit points)

- develop and extend planning, research and analytical skills in order to undertake an independent specialist study based on literature or media or language in work.

Course assessment

All Units are internally assessed on a Unit-by-Unit basis or by combined assessment. Students' work will be assessed by the class teacher on an ongoing basis throughout the course. Unit assessments must be passed to gain the course qualification.

External Assessment

The course assessment consists of four components — two question papers, a performance, and a portfolio.

- Two question papers : Reading and Translation (50 marks) and Listening and Discursive writing (70 marks)
- A performance: learners will demonstrate their talking skills in the modern language (50 marks) – 25% of total mark
- A portfolio. The purpose of the portfolio is to allow learners to demonstrate the following skills; knowledge and understanding, analysing literature or media or language in work within the context of the Modern Language. Learners will produce one piece of writing in English of 1200-1500 words (30 marks). – 15% of total mark

Notes: The question papers will be set and marked by SQA. The performance will be prepared in class and marked by a visiting examiner. The portfolio will be marked by SQA.

The course assessment is graded A-D.

Progression

- Advanced Higher Courses provide good preparation for learners progressing to further and higher education as learners doing Advanced Higher Courses must be able to work with more independence and less supervision. This eases their transition to further/higher education.
- Advanced Higher Courses may also allow 'advanced standing' or partial credit towards the first year of study of a degree programme.
- Advanced Higher Courses are challenging and testing qualifications: learners who have achieved multiple Advanced Higher Courses are regarded as having a proven level of ability which attests to their readiness for higher education in HEIs in other parts of the UK as well as in Scotland.

Successful completion of this course may also lead to:

- Employment opportunities and training programmes in teaching, interpreting, business, marketing, publishing, finance, broadcasting, journalism, civil service, engineering, medicine, international opportunities.

GEOGRAPHY

Why Geography?

Studying Geography will help you to understand topics that affect us all, such as environment, sustainability and the impact of global issues on health and wellbeing. You will learn how to use maps and other data to organise and communicate geographical information. Fieldwork and other practical activities will help to develop your teamwork and leadership skills and give you the opportunity to carry out research on geographical topics.

These skills are valuable in a wide range of career sectors, including: working with development or aid agencies, environmental work, working for the census office and in tourism and leisure.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 3 Geography

Course Outline:
You will study the features of the earth – such as mountains, rivers and seas – and how they were formed. You will learn how to use a range of equipment and techniques such as map reading, data collection, ICT and problem-solving. You will find out about cultures and backgrounds of people from all over the world. There will be opportunities for practical activities, including fieldwork.

The course has **three** compulsory units, plus an added value unit that assesses your practical skills.

Geography: Physical Environments
In this unit you will:

- develop your geographical skills relating to physical environments
- learn about processes and interactions at work within physical environments, including: the location of different types of landscape; how landscape features are formed; land use management and sustainability; and weather
- study some different types of landscape found in Scotland and/or the UK, such as glaciated upland; upland limestone; coastlines of erosion and deposition; and rivers and their valleys.

Geography: Human Environments
In this unit you will:

- develop your geographical skills in the context of human environments
- learn about processes and interactions at work within human environments
- study and compare developed and developing countries, including topics such as: contrasts in development; world population distribution and change; and issues in changing urban and rural landscapes.

Geography: Global Issues

In this unit you will:
- develop your skills in using sources of numerical and graphical information in the context of global issues
- study some global geographical issues such as: climate change and sustainability; the impact of world climates; environmental hazards; trade and globalisation; and development and health
- learn about the strategies adopted to manage these issues.

Course Assessment Unit: Geography Added Value Unit

In this unit you will:
- research a geographical issue of your choice and present your findings.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:
- written work - research assignments, reports and case studies
- projects
- class-based exams.

You must pass all the units including the practical unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to National 5 Geography

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved: Level 4 Geography

Course Outline

You will study the features of the earth – such as mountains, rivers and seas – and how they were formed. You will learn how to use a range of equipment and techniques such as map reading, data collection, ICT and problem solving. You will find out about cultures and backgrounds of people from all over the world. There will be opportunities for practical activities, including fieldwork.

The course has **three** compulsory units. The units are the similar to those for National 4, but you will be expected to produce a higher standard of work.

Geography: Physical Environments

In this unit you will:
- develop your geographical skills relating to physical environments
- develop a more detailed knowledge and understanding of the processes and interactions at work within physical environments, including: the location of different types of landscape; how landscape features are formed; land use management and sustainability; and weather

- study some different types of landscape found in Scotland and/or the UK, such as glaciated upland; upland limestone; coastlines of erosion and deposition; and rivers and their valleys.

Geography: Human Environments

In this unit you will:
- develop your geographical skills in the context of human environments
- develop a more detailed knowledge and understanding of the processes and interactions at work within human environments
- study and compare developed and developing countries, including topics such as: contrasts in development; world population distribution and change; and issues in changing urban and rural landscapes.

Geography: Global Issues

In this unit you will:
- develop your skills in using sources of numerical and graphical information in the context of global issues
- develop a more detailed knowledge and understanding of major global geographical issues such as: climate change and sustainability; the impact of world climates; environmental hazards; trade and globalisation; and development and health
- learn more about the strategies adopted to manage these issues.

Assessment

Your work will be assessed on an ongoing basis throughout the course. Items of work might include:
- written work - such as research assignments, reports and case studies
- projects
- question papers/tests.

The course assessment for this course consists of two components:

- question paper (80 marks)
- assignment (20 marks).

For the assignment component, you will be asked to research a geographical issue and produce a report on your findings. The assignment component will be set and externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by the SQA.
The course assessment is graded A-D.

Progression
If you complete the course successfully, it may lead to:

- Higher Geography
- National 5 Environmental Science
- National 5 Travel and Tourism

GEOGRAPHY - HIGHER

Why Geography?

This course is designed to enable you to use geographical analysis to develop a detailed understanding of important aspects of the contemporary world. This involves studying the ways that people and the environment interact and examining the environmental issues that arise in a rapidly changing world. Throughout the course you will have the opportunity to develop a wide range of skills including research, evaluation and presentation, IT, mapping and statistics.

The skills you learn in Geography are valuable in a wide range of career sectors, including: working with development or aid agencies, environmental work, working for the census office and in tourism and leisure.

Entry to the Course

Entry is at the discretion of the school or college, but you would normally be expected to have achieved:

- National 5 Geography or relevant units from course
- National 5 Environmental Science or relevant units from course.

Course Outline

This course aims to help you develop a range of important and transferable skills including: using, interpreting, evaluating and analysing a wide range of geographical information; interpreting and explaining complex geographical phenomena; using a wide range of maps and other data to process and communicate complex geographical information; and researching skills, including fieldwork.

The course consists of three compulsory units and the course assessment unit.

Geography: Physical Environments (6 SCQF credit points)

In this unit you will:

- develop and apply geographical skills and techniques in the context of physical environments
- develop mapping skills in geographical contexts
- learn about complex processes and interactions at work within physical environments on a local, regional and global scale.

Key topics include: atmosphere, hydrosphere, lithosphere and biosphere.

Geography: Human Environments (6 SCQF credit points)

In this unit you will:

- develop and apply geographic skills and techniques in the context of human environments
- develop research skills in geographical contexts
- learn about complex processes and interactions at work within urban and rural environments and the management of urban and rural land use change in developed and developing countries.

Key topics include: population, rural land use change and management, urban change and management.

Geography: Global Issues (6 SCQF credit points)

In this unit you will:

- develop and apply geographical skills and techniques in the context of global geographical issues
- develop skills of numerical and graphical analysis in geographical contexts
- learn about complex global geographical issues which demonstrate the interaction of physical and human environments and the strategies adopted in the management of these issues.

Key topics include: river basin management, development and health, global climate change, trade, aid and geopolitics, energy.

Course Assessment (6 SCQF credit points)

The course assessment has three components:

- 2 Questions papers (160 marks)
    - Paper 1 - Physical and Human Geography (100 marks)
    - Paper 2 - Global Issues and Map Applications (60 marks)

- Assignment (30 marks)

The two question papers combine to make up 73% of your final grade while the Assignment accounts for 27%.

The question paper will assess your breadth of knowledge, understanding and skills accumulated across the course. The question paper will be set and marked by SQA.

The assignment will assess a combination of your knowledge and/or skills from across the course in a practical context.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

Successful completion of this course may lead to:

- Advanced Higher Geography
- Higher Environmental Science

Further study, training or employment in:

- Animals, Land & Environment
- Construction
- Hospitality, Catering & Tourism
- Please refer to 'careers and options' section of the department blog for further information.

GEOGRAPHY – ADVANCED HIGHER

Purpose and aims of the Course

The purpose of Geography is to further develop the learner's understanding of our changing world and its human and physical processes. Opportunities for practical activities including fieldwork will be essential parts of this Course, so that learners can interact with their environment. At Advanced Higher, learners will experience depth and challenge in the level of higher order skills, knowledge and understanding required.

The main aims of this Course are to enable learners to:

- understand the ways in which people and the environment interact in response to physical and human processes
- study spatial relationships to develop a balanced and critical understanding of the changing world
- further acquire a geographical perspective on environmental and social issues and their significance
- develop skills of independent research, fieldwork, analysis, synthesis, evaluation and presentation
- acquire the techniques to collect, extract, analyse, interpret and explain geographical phenomena using appropriate terminology
- develop expertise in the use of maps, diagrams, statistical techniques and written accounts

Course Structure

This Course develops a range of cognitive skills and geographical skills. It encourages active learning which will include fieldwork, in the process of developing a high level of knowledge and understanding of geographical issues.

Learners will acquire and apply relevant knowledge and evaluating, investigating, and analysing skills, at an appropriate level, in order to understand and explain geographical issues.

The Geography Course has three mandatory Units. Within each Unit there is a considerable degree of flexibility in contexts which can be studied to allow personalisation and choice. The theme of sustainability will permeate the Course.

Component 1 - Exam Question paper - 50 marks

Individual Project Folio

Geographical Study (Advanced Higher) – 60 merits

In this Unit, learners will develop a range of geographical methods and techniques including mapping skills, graphical techniques and a range of statistical techniques for analysing and interpreting geographical data. Learners will develop a range of investigating skills while undertaking independent research such as scoping or identifying appropriate research topics; how to plan and manage a complex programme of research; techniques to source, collect and record appropriate and reliable primary and secondary information; methods of independent fieldwork; techniques to present findings using appropriate conventions; and how to evaluate research methodology.

Geographical Issues (Advanced Higher) – 40 merits

In this Unit, learners will develop critical thinking and the ability to evaluate sources and viewpoints on current geographical issues.

Skills, Knowledge and Understanding

Further information on the assessment of the skills, knowledge and understanding for the Course is given in the *Course Assessment Specification*. A broad overview of the mandatory subject skills, knowledge and understanding that will be assessed in the Course is given in this section.

This covers:

- developing and using a range of research and mapping skills and techniques in complex geographical contexts
- developing and using a range of numerical and graphical skills and techniques in geographical contexts
- developing and using a range of statistical techniques
- developing and using knowledge and understanding of geographical terminology, ideas and systems using complex information to explain and analyse a range of geographical phenomena

Skills, knowledge and understanding to be included in the Course will be appropriate to the SCQF level of the Course.

Course Assessment

Courses from National 4 to Advanced Higher include assessment of added value. At National 5, Higher and Advanced Higher, the added value will be assessed in the Course assessment. The added value for the Course must address the key purposes and aims of the Course, as defined in the Course Rationale. It will do this by addressing one or more of breadth, challenge or application.

The learner will draw on, extend and apply the knowledge and skills they have acquired during the Course. This will be assessed through a combination of a question paper and a project.

The question paper will require demonstration of knowledge, understanding and skills accumulated from across the Course. The project (two dissertations) will require learners to extend and apply their knowledge and skills and will be sufficiently open and flexible to allow for personalisation and choice.

Skills for Learning, Life and Work

It is expected that learners will develop broad, generic skills through this Course. The skills that learners will be expected to improve on and develop through the Course are based on SQA's *Skills Framework: Skills for Learning, Skills for Life and Skills for Work* and drawn from the main skills areas listed below. These must be built into the Course where there are appropriate opportunities.

1 Literacy
1.1 Reading
1.2 Writing

2 Numeracy
2.3 Information handling

4 Employability, enterprise and citizenship
4.6 Citizenship

5 Thinking skills
5.3 Applying
5.4 Analysing and evaluating

GRAPHIC COMMUNICATION

Why Graphic Communication?

Graphic Communication in all its forms is vital to society. It is a means of getting across information visually using graphics. Graphic communication comes in many forms and various aspects of life including education, industry and commerce.

This course is designed to increase your awareness of how graphics are used, and to learn about the technology used to create them. You will create 2D, 3D and pictorial graphics with visual impact or that transmits information, digitally and on paper.

The skills you learn in this course are useful in many career areas including Architecture, Surveying, Engineering or Design and Marketing.

NATIONAL 4

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

• Level 3 Design and Technology

Course Outline

This course will teach you how to read, interpret and create graphic communications. You will develop skills in spatial awareness and visual language. And, you will learn how to use graphic communication equipment, software and materials effectively. You will also look at how graphic communication technologies impact on our environment and society.

The course has **two** compulsory units, plus an added value unit that assesses your practical skills.

2D Graphic Communication

In this unit you will:

- learn creative and 2D graphic skills within a communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop 2D graphic spatial awareness.

3D and Pictorial Graphic Communication

In this unit you will:

- develop creative and 3D and pictorial graphic skills within a communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop 3D graphic spatial awareness.

Added Value Unit: Graphic Communication Assignment

In this unit you will:

- answer a design brief by creating meaningful graphic work
- produce relevant graphic research and development work
- assess how effective your final presentation of work is.

Assessment

Your teacher will assess your work on a regular basis throughout the course. Items of work might include:

- practical work – producing 2D sketches or 3D models by hand or computer
- project work – creating single page displays or layouts
- written work – producing reports or written evaluations.

You must pass both units plus the added value unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Graphic Communication

NATIONAL 5

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- Level 4 Graphic Communication

Course Outline

This course will teach you how to read, interpret and create graphic communications. You will develop skills in spatial awareness and visual language. And, you will learn how to use graphic communication equipment, software and materials effectively. You will also look at how graphic communication technologies impact on our environment and society.

The course has **two** compulsory units. The units are the similar to those for National 4 but you will be expected to produce a higher standard of work.

2D Graphic Communication

In this unit you will:

- develop creativity and skills within a 2D graphic communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop your skills in less familiar or new contexts
- develop 2D graphic spatial awareness.

3D and Pictorial Graphic Communication

In this unit you will:

- develop creativity and skills within a 3D and pictorial graphic communication context
- initiate, develop and communicate ideas using graphic techniques in straightforward and familiar contexts
- develop your skills in less familiar or new contexts
- develop 3D graphic spatial awareness.

Assessment

Units will be assessed internally by your teacher or lecturer as 'pass' or 'fail'. Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work – such as producing 2D sketches or 3D models by hand or computer
- project work – such as creating single page displays or layouts
- written work – such as producing reports or written evaluations.

Units do not contribute to your overall grade but to achieve the course qualification, you must pass all units plus a course assessment.

The course assessment for this course consists of two components:

- question paper (80 marks)
- assignment (40 marks).

For the assignment component, you will be asked to create a set of preliminary, production and promotional graphics in answer to a brief and produce evidence of how you planned and evaluated your work. The assignment component will be set by the Scottish Qualifications Authority (SQA) and externally marked by SQA.

The question paper will be set and marked externally by the SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Graphic Communication

Homework
Homework will be given to pupils through a wide range of activities to help reinforce the learning in the classroom.

Equipment
All necessary equipment will be provided within the school. However, for any pupils who would wish to invest in any additional equipment (eg drawing equipment or CAD software etc) class teachers can provide advice.

GRAPHIC COMMUNICATION - HIGHER

Why Graphic Communication?

Communication in all its forms is vital to society. Graphic Communication is a means of passing on information graphically and is used, in various forms, in many aspects of life including education, industry and commerce. This course is designed to make you aware of the use of graphics and to learn about the techniques used to create them.

The skills you learn in this course are useful in many career areas including Architecture, Surveying, Engineering or Design and Marketing.

Entry to the course

Entry is at the discretion of the school or college, but you would normally be expected to have achieved:

- National 5 Graphic Communication or relevant units from the course.

Course Outline

This course will encourage you to exercise your imagination, creativity and logical thinking. You will develop an awareness of graphic communication as an international language. And, you will appreciate how graphic communication as an activity, and graphic technologies by their use, impact on our environment and society.

The course consists of two compulsory units and the course assessment unit.

2D Graphic Communication (9 SCQF credit points)

In this unit you will:

- develop your creativity and presentation skills within a 2D graphic communication context
- initiate, plan, develop and communicate ideas graphically, using two-dimensional graphic techniques
- develop a number of skills and attributes within a 2D graphic communication context, including spatial awareness, visual literacy, and the ability to interpret given drawings, diagrams and other graphics
- evaluate the effectiveness of your own and given graphic communications to meet their purpose.

3D and Pictorial Graphic Communication (9 SCQF credit points)

In this unit you will:

- develop your creativity and presentation skills within a 3D and pictorial graphic communication context
- initiate, plan, develop and communicate ideas graphically, using three-dimensional graphic techniques
- develop a number of skills and attributes within a 3D graphic communication context, including spatial awareness, visual literacy, and the ability to interpret given drawings, diagrams and other graphics
- evaluate the effectiveness of your own and given graphic communications to meet their purpose.

Course Assessment (6 SCQF credit points)

The course assessment has two components:

- a question paper (90 marks)
- an assignment (50 marks).

The question paper will assess your skills, knowledge and visual literacy through the graphics techniques and practice you have acquired. The question paper will be set and marked by SQA.

The assignment will assess how you draw on, extend and apply the skills and knowledge developed and acquired during the course. You will be asked to produce a piece of graphical work in response to a brief.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher Graphical Communication

Further study, training or employment in:

- Art & Design
- Computing & ICT
- Construction
- Engineering

GRAPHIC COMMUNICATION - ADVANCED HIGHER

Course structure

The Course enables learners to develop and extend a range of graphic and generic communication skills, skills in enquiry, analysis and problem solving, graphic design skills, skills in the use of graphic equipment, materials and software, and skills in evaluating. As well as developing new knowledge, it is about creatively applying that knowledge in context.

The Course also enables learners to develop and extend knowledge and understanding of key graphic communication concepts and processes, the ability to apply these to a variety of problems, and an awareness of the impact of graphic communication on society and the environment.

Skills are developed in the contexts of graphic communication as it applies to business, industry, and the built environment and informational and media applications.

Units are statements of standards for assessment and not programmes of learning and teaching. They can be delivered in a variety of ways.

The Course consists of two Units, in which there are options, and Course assessment. The Course assessment will consist of a question paper and a project.

Recommended entry

Entry to this Course is at the discretion of the centre. However, learners would normally be expected to have attained the skills, knowledge and understanding required by the following or equivalent qualifications and/or experience:

- Higher Graphic Communication

Mandatory Units

Technical Graphics (Advanced Higher)

This Unit will provide opportunities for learners to develop and creatively apply the graphic communication knowledge, skills and understanding which directly support graphic designing and communication activities in the various contexts of technical activities. It will enable learners to experience graphic communication in technical detail through exploring the purposes, applications and audience requirements. Within this Unit it is expected that learners will be using a range of knowledge and skills through manual and/or electronic-based communication activities. Learners will have significant opportunities to explore the use of detailed 2D and 3D graphics in modelling, graphic visualisation and technical/mechanical animation in relation to technical activities.

Commercial and Visual Media Graphics (Advanced Higher)

This Unit will provide opportunities for learners to develop skills and explore techniques in creating a range of effective commercial and visual media graphic communication activities and their application in the fields of publishing and promotion. This Unit will attract learners with an interest in the broad commercial and visual media use of graphics which might include presentation work, magazines, newspapers, informational manuals, static promotional work, website page layout, graphic design, advertising and point of sale, digital media, games, animation, expressive arts, electronic based learning and advertising. Graphic design work will be iterative, with an expectation of review, evaluation, amendment and presentation, and with a deep understanding of the needs of the intended audience.

Course assessment

This Course includes eight SCQF credit points to allow preparation for Course assessment. The Course assessment covers the added value of the Course. Further information on the Course assessment is provided in the Assessment section.

Progression

This Course or its Units may provide progression to:

- a range of graphic-related Higher National Diplomas (HNDs)
- degrees in graphic design and related disciplines
- careers in graphic design fields

PRACTICAL CAKE CRAFT – NATIONAL 5

Why Practical Cake Craft?

This course will teach you how to plan, prepare and bake cakes that look good, taste good and are safe to eat. Baking and decorating cakes will suit you if you enjoy using art and design skills in a creative and practical way.

Cake production is part of the Scottish hospitality industry, which is vibrant and growing. The course is a springboard for a range of careers in the hospitality industry, which employs a significant proportion of the nation's workforce.

Entry to the course: entry is at the discretion of the school.

Course Outline

The course is practical and relevant to the world of work. You will learn how to research recipes, trends and designs, and experiment with recipes, cake designs and finishing techniques. You will also learn how to interpret a design brief to create your own innovative cakes and biscuits.

The course aims to

- develop technical skill in cake baking.
- develop technical and creative skills in cake finishing.
- develop knowledge and understanding of cake design and follow trends in cake production.
- acquire and use organisational skills in the context of managing time and resources.

Skills

- interpreting a design brief to create your own innovative cakes and other baked items
- 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.
- working safely and hygienically
- using specialist tools and equipment with dexterity and precision in routine and familiar tasks.
- organisational and time management skills
- the ability to evaluate both the product and the process
- knowledge of trends in the production of cakes and other baked items.

The course comprises **two** areas of study.

Cake Baking

You will:

- learn a range of techniques and processes used to produce cakes and other baked goods
- prepare for baking activities
- bake a range of cakes and other chosen items from a list that includes sponge cakes; Madeira cakes; fruit cakes; tray bakes/biscuits.

Cake Finishing

You will:

- learn how to creatively finish cakes and other baked items safely and hygienically
- prepare for finishing cakes and other baked items
- apply a range of finishing techniques to cakes and other baked items

Assessment

The course assessment has **three** components **totalling 125 marks**:

- Component 1: question paper – worth 25 marks
- Component 2: assignment – worth 30 marks
- Component 3: practical activity – worth 70 marks.

Component 2 and component 3 are inter-related and will be assessed using one activity.

You will carry out one task — designing, planning, making, finishing and evaluating a cake — which will provide evidence for both components.

Both the assignment and the question paper will be set and externally marked by the Scottish Qualifications Authority (SQA).

The practical activity will be set by SQA and will be assessed internally, with external quality assurance by SQA.

The grade awarded is based on the total marks achieved across all course assessment components.

The course assessment is graded A-D.

Homework

- Revision should be a regular feature of homework to help ensure subject knowledge is secure.
- Time should be spent at home practising to improve the execution of applying cake finishing and cake decoration techniques.
- Appropriate storage containers and money to be brought for each practical lesson.

Progression

Successful completion of this course may lead to:

- Skills for Work courses
- Study at HNC, HND or Degree level in a hospitality-related subject.

Further education, training or employment in:

- Hospitality
- Leisure and Tourism

PRACTICAL COOKERY

Why Practical Cookery?

Healthy, tasty food is crucial to our wellbeing. The course will suit you if you love food and cooking and want to develop your skills in this area.

There is a heavy emphasis on practical food preparation.

Being able to cook for yourself and others is a valuable life skill and can lead to a range of careers, including working in hotels and restaurants, the health sector and the food industry.

NATIONAL 4

Course Outline

This course is practical and relevant to the world of work. You will learn how to choose ingredients, prepare dishes and present them well. You will learn how to work safely and hygienically while developing your cookery, food preparation and organisational skills.

There are **three** compulsory units, plus an **added value** unit that assesses your planning and practical skills.

Cookery Skills, Techniques and Processes

In this unit you will:

- develop your cookery skills, food preparation techniques and ability to follow cookery processes
- develop your understanding of the importance of safety and hygiene.

Understanding and Using Ingredients

In this unit you will learn about:

- ingredients from variety of different sources and their uses
- the importance of responsible sourcing of ingredients and of current dietary advice
- selecting and using ingredients to prepare dishes and doing so safely and hygienically.

Organisational Skills for Cooking

In this unit you will learn how to:

- develop your organisational and time management skills
- follow recipes and time plans to produce dishes
- further develop your ability to evaluate the product.

Added Value Unit: Producing a Meal

You will learn how to:

- prepare, cook and present a two course meal for a given number of people within a given timescale.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- practical work - such as preparing and cooking dishes
- written work - such as planning a meal and evaluating them
- projects
- class-based assessments.

You must pass all three units, plus the practical assessment to gain the qualification.

How can you help?

Doing the following will help your child to become more skilled in Hospitality:

- encourage your child to practise skills regularly at home, ensuring there is a good mix of fruits and vegetables, raw and cooked foods, dry ingredients and fish;
- spending time on decorating and/or garnishing the food that your child has prepared;
- encourage your child to come fully prepared for practical lessons. A suitable container for the safe transportation of food is essential.

Progression

If you complete the course successfully, it may lead to:

- National 5 Practical Cake Craft
- National 5 Practical Cookery

Further education, training or employment opportunities:

- Dietician
- Teaching
- Tourism
- Food production and marketing
- Environmental Health
- Food retail
- Catering
- Hospitality industry

NATIONAL 5

Course Outline

This course is practical and relevant to the world of work. You will develop your skills in choosing ingredients, preparing dishes and presenting them appropriately. You will learn more about the importance of safety and hygiene when preparing and presenting food.

The course comprises **three** areas of study.

Cookery Skills, Techniques and Processes

You will:

- enhance your cookery skills, food preparation techniques and ability to follow cookery processes
- further develop your understanding of the importance of safety and hygiene and your ability to follow safe and hygienic practices at all times.

Understanding and Using Ingredients

You will:

- enhance your knowledge and understanding of ingredients from a variety of different sources
- learn about the importance of sustainability, the responsible sourcing of ingredients and of current dietary advice
- further develop your ability to select and use a range of appropriate ingredients in the preparation of dishes and to do so safely and hygienically.

Organisational Skills for Cooking

You will:

- extend your planning, organisational and time management skills
- further develop your ability to follow recipes; to plan, produce and cost dishes and meals; and to work safely and hygienically
- gain more experience in evaluating the product.

Course Assessment

The course assessment has **three** components **totalling 130 marks**:

- Component 1: question paper – worth 30 marks
- Component 2: assignment – worth 18 marks
- Component 3: practical activity – worth 82 marks.

Component 2 and component 3 are inter-related and will be assessed using one activity. You will carry out one task — planning and producing a meal — which will provide evidence for both components.

Both the assignment and the question paper will be set and externally marked by the Scottish Qualifications Authority (SQA).

The practical activity will be set by SQA and will be assessed internally, with external quality assurance by SQA.

The grade awarded is based on the total marks achieved across all course assessment components.

The course assessment is graded A-D.

How can you help?

Doing the following will help your child to become more skilled:

- encourage your child to practise skills regularly at home, ensuring there is a good mix of fruits and vegetables, raw and cooked foods, dry ingredients and fish;
- spending time on decorating and/or garnishing the food that your child has prepared;
- encourage your child to come fully prepared for practical lessons. A suitable container for the safe transportation of food is essential.

Progression

If you complete the course successfully, it may lead to:

- National 5 Practical Cake Craft
- Hospitality, Catering and Tourism

Further education, training or employment in the Career Area:

- Dietician
- Teaching
- Hospitality industry – Hospitality Management, Event Management
- Food production and marketing
- Tourism
- Environmental Health
- Food retail

HISTORY

Why History?

History is the study of things that happened in the past. This matters because the past causes the present, and so the future. You will learn about other people and their values, in different times, places and circumstances. It helps you to develop important skills such as investigation, problem solving, communication and critical thinking.

These skills are valuable in a wide range of career sectors, including public administration, business management, law, museum work, teaching and journalism.

NATIONAL 4

Entry to the Course

Entry is at the discretion of the school but you would normally have achieved:

- Level 3 History

Course Outline

History helps you to understand the world. You will learn how the past affects the present and future by studying topics from Scottish, British, European and world history. You will learn how to use sources in order to understand and explain historical events and themes. You will learn how to research and present information on historical developments.

The course has **three** compulsory units, plus an added value unit that assesses your practical skills.

Historical Study: Scottish

In this unit you will:

- develop techniques to comment on historical sources
- learn more about themes and events within an area of Scottish history from the Later Modern period.

Historical Study: British

In this unit you will:

- develop techniques to comment on the impact of historical developments
- learn more about events and themes of British history from the Later Modern period.

Historical Study: European and World

In this unit you will:

- develop your skills to comment on factors that contribute to historical developments
- learn more about events and themes of European and world history from the Later Modern period.

Added Value Unit: History Assignment

In this unit you will:

- choose and research a topic drawn from Scottish, British or European and world contexts and communicate your findings.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- written work - research assignments, reports and case studies
- projects
- class-based exams.

You must pass all the units including the practical unit to gain the course qualification.

Progression

If you complete the course successfully, you will have the opportunity to study:

- National 5 History

NATIONAL 5

Entry to the Course

Entry is at the discretion of the school but you would normally have achieved:

- Level 4 History

Course Outline

History helps you to understand the world. You will study topics from Scottish, British, European and world history, including aspects of political, social, economic and cultural history. You will learn how to investigate, analyse and evaluate sources in order to understand and explain historical events. You will learn how to research and present information on historical developments.

The course has **three** compulsory units. The units are the similar to those for National 4 but you will be expected to achieve a higher standard of work.

Historical Study: Scottish

In this unit you will:

- develop your ability to comment on historical sources
- learn more about themes and events within an area of Scottish history from the Later Modern period.

Historical Study: British

In this unit you will:

- develop your ability to comment on the impact of historical developments
- learn more about events and themes of British history from the Later Modern period.

Historical Study: European and World

In this unit you will:

- develop your ability to comment on factors that contribute to historical developments
- learn more about events and themes of European and world history from the Later Modern period.

Assessment

The course assessment for this course consists of two components:

- question paper (80 marks)
- assignment (20 marks).

For the assignment component, you will be asked to choose and research a topic drawn from Scottish, British or European and world contexts and record and organise your findings. The assignment component will be set and externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by the SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher History

HISTORY - HIGHER

Why History?

Studying History provides us with an insight into our own lives and of the society and the wider world in which we live. Through an understanding of the concept of continuity, you can better appreciate change and its significance, both in your own times and in the past. It is also intended to enable you to develop skills in explaining historical developments and events, evaluating sources and drawing conclusions.

The skills you learn in History are valuable in a wide range of career sectors, including public administration, business management, law, museum work, teaching and journalism.

Entry to the Course

Entry is at the discretion of the school or college, but you would normally be expected to have achieved:

- National 5 History or relevant units from the course.

Course Outline

In this course you will study Scottish, British, European and world contexts in a variety of time periods, which will include elements of political, social, economic and cultural history. You will develop important skills on this course such as: researching and investigating themes and events; synthesising information from a wide range of sources to produce detailed and reasoned lines of argument; and drawing well-reasoned conclusions supported by evidence.

The course consists of three compulsory units and the course assessment unit.

Historical Study: Scottish (6 SCQF credit points)

In this unit you will:

- develop techniques to evaluate a range of historical sources. Complex issues in Scottish history may be studied from the Medieval, Early Modern or Later Modern period
- develop knowledge and understanding of an area of historical study.

Historical Study: British (6 SCQF credit points)

In this unit you will:

- develop techniques to evaluate the impact of historical developments. Complex issues in British history may be studied from the Medieval, Early Modern or Later Modern period
- develop knowledge and understanding of an area of historical study.

Historical Study: European and World (6 SCQF credit points)

In this unit you will:

- develop techniques to evaluate the factors contributing to historical developments. Complex issues in European and world history may be studied from the Medieval, Early Modern or Later Modern period
- develop knowledge and understanding of an area of historical study.

Course assessment (6 SCQF credit points)

The course assessment has two components:

- 2 question papers (80 marks)
- an assignment (30 marks).

The question papers will assess your breadth of knowledge, understanding and skills accumulated across the course. The question papers will be set and marked by SQA.

The assignment will assess a combination of your knowledge and/or skills from across the course in a historical context.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course.

The course assessment is graded A-D. Your grade will depend on the total mark for both question papers and the Assignment combined.

Progression

Successful completion of this course may lead to:

- Advanced Higher History

Further study, training or employment in:

- Media, Journalism
- Arts, Social Science & Religion
- Law
- Libraries, Museums & Archaeology
- Politics
- Civil Service
- Research
- Education
- Accountancy, Management
- Public Sector
- Hospitality and Tourism
- Publishing

History - Advanced Higher

Why History?

This course is designed to add to the breadth and depth of your knowledge and understanding of historical concepts through a chosen historical context.

It also aims to develop your skills in evaluating events and sources and making judgements. The historical research unit will enhance your skills in planning, researching, preparing and presenting an independent study.

Entry to the course

This is at the discretion of the school/college but you would normally be expected to have attained the following:

- Higher History units or course

Course Outline

The course is made up of two units, Historical Study (80 hours) and Historical Research (40 hours) and 40 hours flexible time.

Historical Study

In this unit you will be required to:

- apply knowledge and demonstrate understanding of historical developments, events and issues
- explain, analyse and evaluate historical developments, events and issues
- evaluate complex sources with reference to their provenance and context
- evaluate complex sources with reference to their wider historical context.

The work of the unit will be based on one of the following topics:

- Northern Britain from the Iron Age to AD 1034
- Scottish Wars of Independence: 1284-1357
- The Renaissance in Italy in the 15th and 16th centuries
- Scotland : from the Union of the Enlightment 1707-1815
- 'The House Divided' : USA 1850-65
- Japan : Modernisation of a Nation 1840-1920
- Germany : from Democracy to Dictatorship 1918-1939
- South Africa : Race and Power 1902-84
- Russia : from Tsarism to Stalinism 1914-45
- The Spanish Civil War : causes, conflict and consequences 1923-45
- Britain at War and Peace 1938 - 51.

Historical Research

This unit requires you to carry out an in-depth study of a historical topic and write a dissertation on it. The dissertation should be around 4000 words and have an introduction, development and conclusion. This work will enhance your research and presentation skills and encourage the more sophisticated skills of:

- source analysis
- sustained reasoning and independent study.

Core Skills

- H (SCQF 6) Problem Solving (Critical Thinking, Planning and Organising)

Assessment

Units are assessed internally by your teacher/lecturer in accordance with SQA guidelines. The award is based on a written examination, set and marked by the SQA and by external assessment of the dissertation.

- Question paper – 90 marks
- Dissertation – 50 marks

Progression

Successful completion of this course may lead to:

Education (HNC/HND/Degree); Employment in

- Media, Journalism
- Arts, Social Science & Religion
- Law
- Libraries, Museums & Archaeology
- Politics
- Civil Service
- Research
- Education
- Accountancy, Management
- Public Sector
- Hospitality and Tourism
- Publishing

International Sustainability Diploma Level 6

Purpose and aims of the Course

Students learn by tackling real-world projects aligned with the UN Sustainable Development Goals and co-created with experts from industry and universities. The course is designed to develop the important skills of independent research, problem-solving, critical thinking, collaboration, communication and entrepreneurship. Instead of examinations, students are assessed on a varied Portfolio of work which they build throughout the year. Assessment is carried out in schools and verified by FIDA.

The Diploma credit-rated at SCQF Level 6 and is worth 24 tariff points (equivalent to one Higher). As such, it is recognised by UCAS, universities, colleges and employers, and also carries international recognition.

Course structure

Unit 1 – Understanding Sustainability and Design Thinking (20%) Students explore the concept of sustainability through the UN Sustainable Development Goals (SDGs) and create a social media campaign to raise awareness of an SDG of their choice. Next, they undertake a 'design sprint' challenge to learn the principles of Design Thinking – a methodology for problem-solving and solution design that they can use throughout the course and in their wider learning and personal development.

Unit 2 – Designing Sustainable Solutions (60%) Students choose a minimum of two 'Global Challenge' projects from a range of options, each rooted in the SDGs. For instance, they might design an accessible playground for all generations to keep fit, healthy and connected; a new wave-powered method for water desalination; a video game to combat climate anxiety; or a monument to represent unheard voices in their community. In each case, students research the issue and the needs of their target users or audience; generate ideas; and iterate their solution through a process of feedback and testing. For assessment, the emphasis is on process rather than outcome, and students have the opportunity to build and develop their skills as they move from one project to the next.

Unit 3 – Entrepreneurship: Ideas Into Action (20%) This Unit is co-developed and delivered with the University of Stirling Enterprise Team. Students learn about the crucial role of business and social enterprise in achieving the SDGs. They select one of their project outcomes from Unit 2 to develop further as a business or social enterprise proposition. Students present their 'pitch' and have the opportunity to receive feedback from entrepreneurs.

Skills, Knowledge and Understanding

Further information about skills, knowledge and understanding for the Course can be found in the Unit Specifications. A broad overview of the mandatory skills, knowledge and understanding is shown below:

- Understanding of Meta Skills and their importance within education and employment.
- Self-evaluation skills
- Develop problem-solving and teamwork skills
- Develop Skills in relation to promoting sustainable practices in different contexts.
- Develop Skills to become effective job-seekers and employees for businesses that prioritise sustainable practices.
- Demonstrate a positive and responsible attitude to work and an understanding of the expectations of working as a team with full co-operation and commitment.

Course Assessment

The assessment for this course is logbook and presentation based. There is no final exam.

Skills for Learning, Life and Work

In addition to the agreed employability skills it is expected that learners will also develop broad, generic skills through this Course. The main skills areas listed below.

1 Literacy
1.1 Reading
1.2 Writing
1.3 Listening and talking

2 Numeracy
2.1 Number Processes,
2.2 Money, time and measurement
2.3 Information Handling

3 Health and Wellbeing
1.1 Personal Learning

4 Employability, enterprise and citizenship
4.1 Employability
4.2 Information and communication technology
4.3 Working with others
4.4 Enterprise

5 Thinking skills
5.2 Understanding
5.3 Applying

LEADERSHIP AWARD

The Leadership Award develops knowledge of leadership skills, styles and qualities. It is designed for learners who take, or plan to take, a leading role for an activity. Available at SCQF levels 5 and 6, the Award allows individuals to build self confidence and self esteem and encourages learners to respect the cultures and beliefs of others working alongside them.

The Leadership Award is endorsed by the Chartered Management Institute.

Access

Entry is at the discretion of the centre. No specific knowledge is required to undertake these Awards.

Progression

The Leadership Award may provide progression to:

- SCQF level 6 from level 5
- Higher Personal Development (SCQF level 6)
- Employment
- Career progression

Structure

The Award at either level consists of two mandatory Units. Whether a candidate achieves at SCQF level 5 or SCQF level 6 depends on the amount of support they receive, their level of participation, their level of understanding, and the level of maturity displayed.

Mandatory Units

Leadership: An Introduction

In this Unit, candidates carry out research to find out about leadership styles and the skills and qualities found in effective leaders. Candidates are required to produce a report on their findings and evaluate their own potential for leadership.

Leadership in Practice

In this Unit, candidates take a leading role in an activity. They will prepare to carry out the activity by considering the factors involved, such as resources, people, time and risk. Candidates then carry out the activity, monitoring progress and making changes as needed. At the end, they will review their experience, drawing conclusions about themselves as a leader.

MATHEMATICS

Why Mathematics?

Mathematics is a rich and stimulating subject and plays an important part in everyday life. It helps us to make sense of the world around us and to manage our lives. And, it gives us many skills we need for life, learning and work.

Mathematics is an excellent choice not only because it is an important subject in its own right, but it forms the basis of many other subjects. These include Chemistry, Biology, Physics, Computing and technological subjects. It is also central to other specialist subjects at higher level, such as astronomy or statistics. Studying Mathematics will improve your reasoning, analytical and problem solving skills. It will help you think in more creative and abstract ways. This means it gives you lots of valuable qualities when you go to look for work.

The skills you learn in this course are useful in many careers involving engineering, medicine, technology, business and the physical sciences.

NATIONAL 4

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- National 3 Applications of Mathematics

Course Outline

In this course you will build on your previous mathematical experience. You will learn to interpret information and solve problems relevant to real life and mathematical situations. You will use, explore and manage mathematical language and ideas, which are all important in scientific and research work.

The course has **three** compulsory units, plus an added value unit.

Mathematics: Expressions and Formulae

In this unit you will:

- use mathematical operational skills linked to expressions and formulae, such as manipulating abstract terms, simplifying expressions and evaluating formulae
- cover aspects of algebra, geometry, statistics and reasoning.

Mathematics: Relationships

In this unit you will:

- solve equations, understand graphs and work with trigonometric ratios
- cover aspects of algebra, geometry, trigonometry, statistics and reasoning.

Numeracy

In this unit you will:

- use numerical skills to solve straightforward real life problems involving time/money/measurement
- interpret graphical data and situations involving probability to solve straightforward real life problems involving money/time/measurement.

Added Value Unit: Mathematics Test

In this unit you will:

- sit one question paper testing your mathematical operational and reasoning skills, without the aid of a calculator
- sit one question paper testing your operational and reasoning skills, where you can use a calculator.

Assessment

Your teacher or tutor will assess your work on a regular basis throughout the course. Assessments are short, covering a few topic areas, and take place in class. The added value test comprises 2 papers, non-calculator and calculator. Both papers include exam-type questions and cover the entire course.

You must pass all units plus the added value unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Mathematics
- Numeracy and Personal Finance at SCQF level 5.

NATIONAL 5

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- National 4 Mathematics

Course Outline

In this course you will build on your previous mathematical experience. You will learn and apply operational skills you need to develop mathematical ideas through symbolic representation and diagrams. You will select and apply mathematical techniques, and learn about the interdependencies within mathematics. You will develop your mathematical reasoning and problem solving skills. And you will get experienced in making informed decisions.

Skills, knowledge and understanding

In studying this course, you will develop the following skills, knowledge and understanding:

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

Topics covered

The following topics are covered within the Nat 5 Maths course:

- Number
    - Fractions
    - Percentages
    - Surds
    - Scientific Notation

- Algebra
    - Indices
    - Brackets
    - Factorising
    - Equations/Inequations
    - Simultaneous Equations
    - Algebraic Fractions
    - Gradient
    - Straight Line
    - Quadratics

- Geometry
    - Arcs and sectors
    - Volume
    - Pythagoras
    - Circles
    - Similarity
    - Vectors

- Trigonometry
    - Graphs
    - Equations
    - Sine and cosine rules
    - Areas of triangles
    - Identities

- Statistics
    - Scattergraphs
    - Standard deviation
    - 5 figure summaries

Assessment

Your work will be assessed on an ongoing basis throughout the course though short topic based assessments which contain a mixture of unit level and exam level questions.

The course assessment for this course consists of two question papers:

- question paper 1: non calculator (50 marks)
- question paper 2: calculator (60 marks).

The question papers will be set and marked externally by the Scottish Qualifications Authority (SQA).

The course assessment is graded A-D. Your grade will depend on the examination alone.

It may be more appropriate for some candidates to complete units only. In this instance you would achieve standalone units at SCQF Level 5, with a view to completing the course assessment the following year.

Progression

If you complete the course successfully, it may lead to:

- Higher Mathematics

MATHEMATICS - HIGHER

Why Mathematics?

Mathematics is important in everyday life, allowing us to make sense of the world around us and to manage our lives. Using mathematics enables us to model real-life situations and make connections and informed predictions. It equips us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions.

This course enables you to build on your previous mathematical experience in the areas of algebra, geometry and trigonometry and introduces you to elementary calculus.

The skills you learn in this course are useful in many careers involving engineering, medicine, technology, business and the physical sciences.

Entry to the Course

Entry is at the discretion of the school or college, but you would normally be expected to have achieved:

- National 5 Mathematics

Course Outline

This course will develop, deepen and extend the mathematical skills necessary at this level and beyond. You will acquire and apply operational skills necessary for exploring mathematical ideas through symbolic representation and diagrams. In addition, you will develop mathematical reasoning skills and will gain experience in making informed decisions.

Skills, knowledge and understanding

In studying this course, you will develop the following skills, knowledge and understanding:

- 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

Topics covered

The following topics are covered within the Higher Maths course:

- The Straight Line
- Functions
- Graphs
- Trigonometry
- Differentiation

- Recurrence Relations
- The circle
- Quadratics
- Polynomials
- Addition Formulae
- Integration
- Further Calculus
- Logs and Exponentials
- The wave function
- Vectors

Course assessment

Your work will be assessed on an ongoing basis throughout the course though short topic based assessments which contain a mixture of unit level and exam level questions.

The course assessment for this course consists of two question papers:

- question paper 1: non calculator (70 marks)
- question paper 2: calculator (80 marks).

The question papers will be set and marked externally by the Scottish Qualifications Authority (SQA).

The course assessment is graded A-D. Your grade will depend on the examination alone.

It may be more appropriate for some candidates to complete units only. In this instance you would achieve standalone units at SCQF Level 6, with a view to completing the course assessment the following year.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher Mathematics

Further study, training or employment in:

- Computing & ICT
- Construction
- Engineering
- Finance
- Health & Medicine
- Manufacturing Industries
- Science & Mathematics

Mathematics: Advanced Higher

Why Mathematics?

Advanced Higher Mathematics builds on your mathematical skills, knowledge and understanding and enables you to integrate your knowledge of different aspects of the subject. The course offers depth and breadth of mathematical experience and provides a sound basis for progression to further study or employment in the areas of mathematical and physical sciences, computer science engineering, biological and social sciences, medicine, accounting, business and management.

Entry to the course

This is at the discretion of the school/college but you would normally be expected to have attained:

- Higher Mathematics

Course Outline

The course consists of the following areas of Mathematics:

2. Methods in Algebra and Calculus
3. Applications of Algebra and Calculus
4. Geometry, Proof and Systems of Equations

Content

Methods in Algebra and Calculus

Partial Fractions

- Expressing proper rational functions as a sum of partial fractions (denominator of degree at most 3 and easily factorised).

Differentiation

- Differentiating functions using the chain rule.
- Differentiating functions using the product rule.
- Differentiating functions using the quotient rule.
- Differentiating inverse trigonometric functions.
- Finding the derivative of functions defined implicitly.
- Finding the derivative of functions defined parametrically

Integration

- Integrating expressions using standard results.
- Integrating by substitution.
- Integrating proper rational functions.
- Integrating by parts.

Differential Equations

- Solving a first order differential equation with variables separable.
- Solving a first order linear differential equation using the integrating factor.
- Solving second order differential equations.

Applications of Algebra and Calculus

Complex numbers

- Expanding expressions.
- Performing operations on complex numbers.
- Evaluating the modulus and argument.

Sequences and series

- Finding the general term and summing arithmetic and geometric sequences.
- Using the Maclaurin series expansion to find a stated number of terms of the power series for a simple function.

Summation and mathematical proof

- Applying summation formulae.
- Using proof by induction.

Functions

- Finding the asymptotes of rational functions.
- Sketching the graph of a rational function including appropriate analysis of stationary points.

Differentiation

- Applying differentiation to rectilinear motion.
- Applying differentiation to optimization.

Geometry, Proof and Systems of Equations

Matrices

- Using Gaussian elimination to solve a 3x3 system of linear equations.
- Performing matrix operations of addition, subtraction and multiplication.
- Calculating the determinant of a matrix.
- Finding the inverse of a matrix.
- Using 2 x 2 matrices to carry out geometric transformations in the plane.

Vectors

- Calculating a vector product.
- Finding the equation of a line in three dimensions.
- Finding the equation of a plane.

Complex Numbers

- Converting complex numbers between Cartesian and polar forms.
- Plotting a complex number on an Argand diagram.

Number theory

- Using Euclid's algorithm to find the greatest common divisor of two positive integers.

Mathematical proof

- Disproving a conjecture by providing a counter-example.
- Using indirect proof.

Assessment

Your work will be assessed on an ongoing basis throughout the course though short topic based assessments which contain a mixture of unit level and exam level questions.

The course assessment for this course consists of one question paper which is set and marked externally by the Scottish Qualifications Authority (SQA).

The course assessment is graded A-D. Your grade will depend on the examination alone.

It may be more appropriate for some candidates to complete units only. In this instance you would achieve standalone units at SCQF Level 7.

Progression

Successful completion of this course may lead to:

Education (HNC/HND/Degree) or Employment in

- Computing & ICT
- Construction
- Engineering
- Finance
- Health & Medicine
- Manufacturing Industries
- Science & Mathematics
- Transport & Distribution.

MODERN STUDIES

Why Modern Studies?

Modern Studies helps you to understand contemporary political and social life in Scotland, the UK and internationally. You will learn about democracy and social issues, and how different people view the role of government. You will develop important skills such as decision making, investigation, communication, creative thinking, critical evaluation of the media and use of information technology.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 3 Modern Studies

Course Outline

Modern Studies helps to develop your knowledge and understanding of social, political and economic issues. You will learn about the political and social issues that affect us in Scotland, the UK and internationally. You will also find out some of the ways societies deal with conflict, and learn about human rights and responsibilities.

The course has **three** compulsory units, plus an added value unit that assesses your practical skills.

Modern Studies: Democracy in Scotland the United Kingdom

In this unit you will:

- use sources of information to detect and explain examples of bias and exaggeration
- increase your knowledge of democracy in Scotland and the UK
- develop your knowledge and understanding of the UK political structure, including Scotland's place within this and the debates around this arrangement
- you can then choose either the Scottish political system or the UK political system and develop your knowledge and understanding of political life in your chosen context
- learn about the ways in which society is informed about the political system, and how people are able to participate in and influence the political system
- learn about your rights and responsibilities in contemporary democratic political society.

Modern Studies: Social Issues in the United Kingdom

In this unit you will:

- learn how to use sources of information to make and justify decisions
- develop your knowledge and understanding of social issues in the UK, focus on either crime and the law
- if you focus on crime and the law, you will examine the causes of crime; how crime affects individuals and society; and the role of individuals, the police, the legal system and the state in tackling crime.

Modern Studies: International Issues

In this unit you will:

- learn how to use sources of information to draw and support conclusions
- develop your knowledge and understanding of international issues, choosing to focus on either a socio-economic and political study of a significant world power or a contemporary world issue
- if you choose to study a world power, you will focus on contemporary socio-economic issues and study its political system
- if you choose to study a world issue, you will focus on a significant contemporary issue, its causes and consequences, and attempts at resolution.

Added Value Unit: Modern Studies Assignment

In this unit you will:

- choose an issue drawn from modern studies contexts, research it and present your findings.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- written work - research assignments, reports and case studies
- projects
- class-based exams.

You must pass all the units including the practical unit to gain the course qualification.

Progression

If you complete the course successfully, it will give you the opportunity to study:

- National 5 Modern Studies

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 4 Modern Studies

Course Outline

Modern Studies helps to develop your understanding of how contemporary society is organised. You will study the role and actions of selected organisations and evaluate how effective they are in meeting their aims. You will also learn how human and legal rights and responsibilities are applied in different societies. You will develop a range of research and information handling skills.

The course has **three** compulsory units. The units are similar to those for National 4, but you will be expected to produce a higher standard of work.

Modern Studies: Democracy in Scotland the United Kingdom

In this unit you will:

- use sources of information to detect and explain examples of exaggeration and selectivity in the use of facts
- increase your knowledge and understanding of democracy in Scotland and the UK
- develop your knowledge and understanding of the UK political structure, including Scotland's place within this and the debates around this arrangement
- you can then choose either the Scottish political system or the UK political system and develop your knowledge and understanding of the main institutions and organisations that make up political life in your chosen context
- learn more about the ways in which society is informed about the political system, and how people are able to participate in and influence the political system
- increase your understanding of rights and responsibilities in contemporary democratic political society.

Modern Studies: Social Issues in the United Kingdom

In this unit you will:

- learn how to use sources of information to make decisions and justify them in detail
- increase your knowledge and understanding of social issues in the UK, choosing to focus on crime and the law
- if you focus on crime and the law, you will examine the causes of crime; how crime affects individuals and society; and the role of individuals, the police, the legal system and the state in tackling crime.

Modern Studies: International Issues

In this unit you will:

- learn how to use sources of information to draw and give detailed support for conclusions
- further develop your knowledge and understanding of international issues, choosing to focus on either a socio-economic and political study of a significant world power or a contemporary world issue
- if you choose to study a world power, you will focus on contemporary socio-economic issues and study its political system
- if you choose to study a world issue, you will focus on a significant contemporary issue, its causes and consequences, and attempts at resolution.

Assessment
Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- written work - such as research assignments, reports and case studies
- projects
- question papers/tests.

The course assessment for this course consists of two components:

- question paper (80 marks)
- assignment (20 marks).

For the assignment component, you will be asked to choose a contemporary issue topic to research and produce evidence to support your findings. The assignment component will be set and externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by the SQA.

Progression

If you complete the course successfully, it will give you the opportunity to study:

- Higher Modern Studies

Further study, training or employment in:
- Arts, Social Sciences and Religion
- Journalism
- Law
- Teaching
- TV/Media

MODERN STUDIES - HIGHER

Why Modern Studies?

Learning Modern Studies gives you a greater understanding of the contemporary world and your place in it.

This course aims to develop your knowledge and understanding of contemporary political and social issues in local, Scottish, United Kingdom and international contexts. In these contexts, you will develop an awareness of the social and political issues you will meet in your life. You will also develop investigating, evaluating and analysing skills in order to understand and explain political, social and international issues.

The skills you learn in Modern Studies are valuable in many career areas, including public administration, business management, law, teaching and journalism.

Entry to the course

Entry is at the discretion of the school or college, but you would normally be expected to have achieved:

- National 5 Modern Studies or relevant units from the course.

Course Outline

Through this course, you will undertake a coherent study of contemporary society with concepts and themes being revisited and built upon across the units.

The course consists of three compulsory units and the course assessment unit.

Modern Studies: Democracy in Scotland and the United Kingdom (6 SCQF credit points)

In this unit you will:

- evaluate a range of written, numerical and graphical sources of information in order to detect and explain the degree of objectivity in contemporary Scottish and UK political contexts
- apply knowledge and understanding of democracy in Scotland and the United Kingdom.

Modern Studies: Social Issues in the United Kingdom (6 SCQF credit points)

In this unit you will:

- evaluate a range of written, numerical and graphical sources of information in order to make and justify decisions about social issues
- apply knowledge and understanding of social issues within the United Kingdom and Scotland.

You have a choice of social issue: contexts for study will focus on either social inequality or crime and the law.

Modern Studies: International Issues (6 SCQF credit points)

In this unit you will:

- evaluate a range of written, numerical and graphical sources of information in order to draw and support conclusions in international contexts
- apply knowledge and understanding of international issues.

You have a choice of international issue: contexts for study will focus on either a political and socio-economic study of a major world power or the study of a significant contemporary world issue.

Course Assessment (6 SCQF credit points)

The course assessment has two components:

- 2 question papers (80 marks)
- an assignment (30 marks).

The question papers will assess your breadth of knowledge, understanding and skills accumulated across the course. The question papers will be set and marked by SQA.

The assignment will assess your skills, knowledge and understanding within the context of a contemporary issue.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course.

The course assessment is graded A-D. Your grade will depend on the total mark for both question papers and the Assignment combined.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher Modern Studies

Further study, training or employment in:

- Media, Journalism
- Arts, Social Science & Religion
- Law
- Libraries, Museums & Archaeology
- Politics
- Civil Service
- Research
- Education
- Accountancy, Management
- Public Sector
- Hospitality and Tourism
- Publishing

Modern Studies: Advanced Higher

Why Modern Studies?

The Advanced Higher Modern Studies course allows you to build on your previous knowledge and understanding of political, social and international issues and the theories underpinning them. It also provides you with the opportunity to develop the critical skills of analysis, synthesis and evaluating and carry out your own independent research in a selected area of study.

Modern Studies also contributes to your personal and social development. In particular, the course addresses the issue of rights and responsibilities, including those of citizens in a democratic society, and examines the moral and ethical responsibilities of individuals.

Entry to the course

This is at the discretion of the school but you would normally be expected to have attained one of the following

- Higher Modern Studies units or course
- Higher or Advanced Higher units or course in another social subject.

Course Outline

The course is made up of two compulsory:

- Contemporary Issues – either Political Issues or Social Issues, Law and Order or Social Inequality
- Researching Contemporary Issues

Researching Contemporary Issues

In this unit you are required to carry out independent research on the content of a Study Theme studied in the Political and Social Issues (advanced Higher) Unit. The research should be from a primary source where appropriate. This gives you an opportunity to develop, in a social science context, the investigative skills of:

- planning
- researching
- analysing
- presenting.

Core Skills

- H (SCQF 6) Problem Solving

Assessment

Units are assessed internally by your teacher in accordance with SQA guidelines.

The external assessment carried out by the SQA is in two parts:

- a written examination – 90 marks
- the dissertation (4000 – 5000 words) – 50 marks

Progression

Successful completion of this course may lead to:

Education (HNC/HND/Degree) or Employment in

- Media, Journalism
- Arts, Social Science & Religion
- Law
- Libraries, Museums & Archaeology
- Politics
- Civil Service
- Research
- Education
- Accountancy, Management
- Public Sector
- Hospitality and Tourism
- Publishing

MUSIC

Why Music?

Music allows you to express your ideas, thoughts and emotions in a creative and practical way. It will help you to develop practical skills in playing a musical instrument and/or singing. You will also develop a better understanding of music and learn how to create and produce it.

You will develop skills such as: playing a musical instrument, communication, creative thinking, using your voice, composing and arranging music.

It will appeal to you if you love playing and listening to music, and are interested in how musicians develop their ideas and create music that communicates their thoughts and feelings to others.

The skills that you develop in Music are useful in a range of career sectors, including: music performance, composing, teaching, community arts work, music therapy, sound engineering and music promotion.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 3 Music

Course Outline

Music is a practical, hands-on subject that develops your creativity and imagination, and your musical skills. You will have the opportunity to perform a variety of music in solo and/or group settings using your voice or your chosen instrument(s).

You will also develop your skills in composing, arranging and improvising music, and learn about the social and cultural factors that influence music.

The course has **three** compulsory units, plus an added value unit that assess your practical skills.

Music: Performing Skills

In this unit you will:

- develop your performing skills on two selected instruments, or on one selected instrument and voice
- learn how to perform music accurately while maintaining the musical flow
- develop your own technical and musical performing skills.

Music: Composing Skills

In this unit you will:

- experiment with and use compositional methods and music concepts in imaginative ways when creating your own music
- reflect on your own creative choices and decisions and develop a basic understanding of how composers develop their ideas and create their music.

Understanding Music

In this unit you will:

- develop your knowledge and understanding of a range of music concepts and music literacy
- learn how to identify the distinguishing features of specific music styles, and how to recognise music concepts in excerpts of music
- learn how to understand and recognise common music signs and symbols used in music notation.

Added Value Unit: Music Performance

In this unit you will:

- prepare and perform a programme of music in a solo setting and/or as part of a group.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. The added value unit will be assessed through a performance of a programme of music.

You must pass all four units, including the added value unit, to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Music

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 4 Music

Course Outline

Music is a practical, hands-on subject that develops your creativity and imagination, and your musical skills. You will have the opportunity to perform a variety of music in solo and/or group settings using your voice or your chosen instrument(s).

You will also develop your skills in composing, arranging and improvising music, and learn about the social and cultural factors that influence music.

The course has **three** compulsory units. The units are similar to those for National 4, but you will be expected to produce a higher standard of work.

Music: Performing Skills

In this unit you will:

- develop your performing skills on two selected instruments, or on one selected instrument and voice
- learn how to perform music accurately while maintaining the musical flow
- develop your own technical and musical performing skills.

Music: Composing Skills

In this unit you will:

- experiment with and use compositional methods and music concepts in imaginative ways when creating your own music
- reflect on your own creative choices and decisions and develop a basic understanding of how composers develop their ideas and create their music.

Understanding Music

In this unit you will:

- develop your knowledge and understanding of a range of music concepts and music literacy
- learn how to identify the distinguishing features of specific music styles, and how to recognise music concepts in excerpts of music
- learn how to understand and recognise common music signs and symbols used in music notation.

Assessment

Units will be internally assessed by your teacher or lecturer as 'pass' or 'fail'. Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work
- written work
- projects.

Units do not contribute to your overall grade but to achieve the course qualification, you must pass all three units plus a course assessment.

The course assessment for this course consists of two components:

- performance (60 marks)
- examination question paper (40 marks).

The paper will be set and marked by the Scottish Qualification Authority (SQA).

For the performance component, you will perform a programme of music that is set by your school, either using two selected instruments or one selected instrument and voice. This will be assessed by a visiting SQA assessor.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Music

Homework

Daily practice is encouraged in addition to listening and appreciating music through attendance at musical performances, and involvement in the extra curricular work of the department.

Written musical literacy homework is issued as appropriate to support the listening element of the courses. Pupils are also expected as appropriate and where possible to work outside of class/at home on any aspect of the course that cannot be completed in class time in order to meet course deadlines.

In the listening element of the course pupils will regularly be asked to revise at home using prescribed websites to ensure they are secure in the knowledge/concepts encountered in class. Regular class test will be completed to measure the extent/effectiveness of this revision.

MUSIC PERFORMING- HIGHER

Why Music Performing?

This course allows you to develop and consolidate practical skills in performing and creating music, while developing a detailed understanding of a range of music styles and concepts.

You will get the opportunity to perform a variety of challenging music in solo and/or group settings, using your voice or your selected instrument(s). You will develop detailed knowledge and understanding of music concepts and musical literacy. You will recognise and distinguish between a wide range of music signs, symbols and music concepts as you perform, create and listen to music.

The skills you learn on this course not only makes a valuable contribution to your general education and personal development but also allows you to develop the skills and knowledge required to proceed to further study and/or follow a career in music.

Entry to the Course

Entry is at the discretion of the school but you would normally be expected to have achieved:

- National 5 Music or relevant units from the course.

Course Outline

On completing this course you will be able to: perform a programme of music with accuracy and maintaining musical flow; create your own original music; self-reflect on and evaluate your own work and that of others; listen to music with awareness, understanding and discrimination; and improve your musical creativity and performing skills by critically evaluate your own work and the work of others.

The course consists of three compulsory units and the course assessment unit.

Music: Performing Skills (6 SCQF credit points)

In this unit you will:

- develop performing skills on two selected instruments, or on one selected instrument and voice
- perform challenging level-specific music with sufficient accuracy and maintain the musical flow realising the composers' intentions
- through regular practice and critical reflection and evaluation, develop your technical and musical performing skills.

Music: Composing Skills (6 SCQF credit points)

In this unit you will:

- experiment with, and creatively use complex compositional methods and music concepts to realise your intentions when creating original music
- critically reflect on and evaluate the impact and effectiveness of their creative and musical choices and decisions

- analyse how musicians and composers create music in different ways and how music styles are shaped by social and cultural influences.

Understanding Music (6 SCQF credit points)

In this unit you will:

- through listening, develop detailed knowledge and understanding of a range of complex music concepts, and music literacy
- 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.

Course Assessment (6 SCQF credit points)

The course assessment has two components:

- a question paper (40 marks)
- a performance (60 marks).

The question paper will assess your understanding of music concepts and music literacy. You will demonstrate conceptual knowledge and understanding of music by responding to questions that relate to musical excerpts and music concepts and styles. The question paper will be set and marked by SQA.

The performance will assess your practical performing skills on either two selected instruments, or on a selected instrument and voice, in a prepared programme of music. The performance can be solo and/or in a group setting.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.
The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

Successful completion of this course may lead to:
- Advanced Higher Music

Further study, training or employment in: Performing Arts

MUSIC TECHNOLOGY- HIGHER

Why Music Technology?

Studying music technology allows you to express yourself through music while developing your knowledge of music and technology. You will develop a broad understanding of the music industry and the skills it requires, such as planning and organising, creative thinking, research, critical thinking and decision making, as well as working both collaboratively and independently.

This course is especially suitable if you have broad musical interests, and are particularly interested in music technology and 20th and 21st century music. This course also provides pathways to higher levels of study. The skills that you develop in Music Technology are useful in careers such as musician, DJ, sound technician, roadie and musical instrument technologist.

Entry to the Course

Pupils are expected to have some musical performing ability (eg guitar playing, singing at home etc).

Course Outline

This course enables you to develop and extend your knowledge and understanding of music technology and of musical concepts, particularly those relevant to 20th and 21st century music. You will take part in the development of in-depth technical and creative skills through practical learning. You will also have opportunities to develop your interest in music technology and the skills and knowledge relevant to the needs of the music industry.

The course consists of three compulsory units and the course assessment unit.

Compulsory Units

Music Technology Skills (6 SCQF credit points)

In this unit you will:

- develop a range of skills and techniques relating to the creative use of music technology hardware and software to capture and manipulate audio
- explore a range of uses of this technology through practical activities.

Understanding 20th and 21st Century Music (6 SCQF credit points)

In this unit you will develop:

- knowledge and understanding of 20th and 21st century musical styles and genres
- an understanding of how music technology has influenced and been influenced by 20th and 21st century musical developments
- a broad understanding of the music industry
- an awareness of the implications of intellectual property rights.

Music Technology in Context (6 SCQF credit points)

In this unit you will:

- use music technology skills in a range of contexts which may include: live performance, radio broadcast, composing and/or sound design for film, TV themes, adverts and computer gaming.

Course Assessment (6 SCQF credit points)

There are two components to the course assessment:

- a question paper (30 marks)
- an assignment (70 marks).

The question paper will assess breadth and depth of knowledge and understanding of music technology and 20th and 21st century music.

The assignment will demonstrate ability to apply knowledge and skills to plan, implement and evaluate a completed product. This will be underpinned by knowledge and understanding of music and music technology equipment and techniques. It will be sufficiently open and flexible to allow for personalisation of choice.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all three units and the course assessment to gain the course qualification.

The course assessment is graded A-D. The grade is determined on the basis of the total mark for the units in your course.

Progression

If you complete the course successfully, it may lead to:

- other qualifications in Music Technology, Music or related areas

Further study, employment or training in Performing Arts

MUSIC PERFORMING- ADVANCED HIGHER

Why Music Performing?

The course provides you with the opportunity to develop musical versatility and particular areas of interest. You can gain understanding of music as a powerful medium of communication with a strong influence throughout the modern world. Flexibility within the overall structure allows you to select a stimulating course, well matched to your individual interests and needs. Emphasis is placed on the study of music through practical activities which will expose you to a variety of cultures.

Entry to the course

This is at the discretion of the school but you would normally be expected to have attained

- Higher Music
- or equivalent qualification.

Course Outline

The course consists of three 40 hour units- two compulsory units and one of the following optional units, and 40 hours flexible time.

Music: Performing Skills

In this unit you will:

- develop performing skills on two selected instruments, or on one selected instrument and voice
- perform challenging level-specific music with sufficient accuracy and maintain the musical flow realising the composers' intentions
- through regular practice and critical reflection and evaluation, develop your technical and musical performing skills.

Music: Composing

This unit will offer opportunities to:

- invent original music with evidence of originality, creativity, planning and good use of compositional techniques such as the deployment of selected concepts; arranging and improvising may be included where appropriate
- extend their creative skills through a more in-depth approach.
- You will compile an audio folio of composition(s) throughout the course.

Music Listening

This unit will offer opportunities to:

- listen to music which is relevant, related to practical experiences and based on a conceptual approach; to demonstrate enhanced ability to relate sound to printed music and to select two or more works for study in greater depth
- extend your listening skills through a more in-depth approach
- identify appropriate musical concepts and comment on their development with perception.

Assessment

Units are assessed internally by your teacher/lecturer in accordance with SQA guidelines.

The course is assessed by an external SQA examiner and by a variety of additional methods depending on the optional unit selected.

Progression

Successful completion of this course may lead to:

- Education (HNC/HND/Degree or
- Employment in Performing Arts

PERSONAL DEVELOPMENT

Personal Development Awards aim to help learners become employable, contributing and independent members of society through the development of transferable life skills. Available at SCQF Levels 2 – 6, the Awards encourage candidates to build arrange of personal, social and vocational skills such as evaluating, planning, reviewing, managing tasks and working with others. Candidates can target their own individual development needs and assessment is based around these individual needs.

Progression

Personal Development provides a clear progression route to:

- Further Awards or Units in Personal Development
- Training or employment
- Further and Higher education

Course Content

At SCQF Levels 4, 5 and 6 there are four 40 hour Units. Each Unit can be certificated separately.

Personal Development: Self Awareness

Candidates will aim to increase their knowledge of their own qualities and feelings while **undertaking a personal project.**

Personal Development: Self in Community

This Unit allows candidates to develop their interpersonal skills while planning and carrying out a group project.

Personal Development: Self and Work

Candidates will aim to develop their task management skills while undertaking a vocational project.

Personal Development: Practical Abilities

This Unit allows candidates to demonstrate their abilities in handling information, communicating effectively and delivering a product or a service while undertaking one or more specific projects.

PHOTOGRAPHY

Why Photography?

Photography is an important form of visual communication. Imagine a world without it and you'll realise just how widely photographic, and particularly digital, images are used in a range of sectors and industries, from advertising and printing to broadcasting and film making. Photographs are widely used in our everyday lives to capture important events, people, places and situations. We also use them to help us to understand the world around us and to express our ideas, thoughts and feelings in an artistic way.

Entry to the Course

Entry is at the discretion of the school, but you would normally be expected to have achieved:

- National 5 Art and Design or relevant units from the course
- Relevant Photography units (National 5 and above)

Course Outline

This course is designed to inspire and challenge you to visually represent your personal thoughts and ideas through photography. You will plan, develop and produce imaginative photographs using the technical and creative skills you will learn during the course. You will develop a knowledge and understanding of photographic practices, and a range of skills in problem solving, critical thinking and reflective practice. You will analyse the impact of social and cultural influences on photographers and their work.
The aims of the Course are for learners to:

- communicate personal thoughts, feelings and ideas using photography
- develop technical and creative skills in using photographic media, techniques and processes
- develop knowledge and understanding of a range of photography practice
- develop skills in problem solving, critical thinking and reflective practice
- analyse the impact of social and cultural influences on photographers and their work
- become critically self-reflective autonomous learners

The course consists of two compulsory units and the course assessment.

Photography: Image Making (9 SCQF credit points)

In this unit you will:

- develop your knowledge and understanding of camera techniques and controls
- investigate and analyse the factors that influence photographers and their work
- apply your knowledge of light and image formation when creating photographic images
- use exposure times, composition and framing in for photographic effect
- organise photographic files and outputting your photographic images.

Photography: Contextual Imagery (9 SCQF credit points)

In this unit you will:

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

Course assessment (6 SCQF credit points)

The course assessment has one component, an 'open' project that will have 100 marks. The project has three sections:

- Section 1: Research and Investigation (25 marks)
- Section 2: Development and Production (60 marks)
- Section 3: Evaluation (15 marks)

The project will be conducted under some supervision and control by your teacher or lecturer and evidence will be submitted to SQA for external marking.

Skills, knowledge and understanding

- applied knowledge and understanding of the properties of light and image formation
- applied use of camera controls and a range of photographic techniques and processes
- investigation and analysis of the major historical, scientific, social and cultural factors influencing photographers and their work
- 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 and presenting creative and technically proficient photographs
- effective management and storage of photographic images
- critically self-reflecting and evaluating their own work and practice and the photographic work of others

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass both units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:

- other qualifications in Photography, Art and Design or related areas

Further education, training and employment in:

- Photography
- Art and Design
- Communications and Media

PHYSICAL EDUCATION - SQA

Why Physical Education?

Physical Education gives you the opportunity to develop your movement and performance skills in physical activities and understand about factors which might affect your performance. It will help you to develop confidence, resilience, initiative, decision making and team working skills. It is particularly suitable for those who love physical activity and enjoy learning in practical ways.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 3 Physical Education

Course Outline

Physical Education is a practical subject that develops your physical movement and performance skills. You may experience a range of activities such as indoor and outdoor team games, racquet sports, fitness related activities, athletics and swimming. You will learn about the factors that affect performance and ways to develop your personal performance.

The course has **two** compulsory units, plus an added value unit that assesses your practical skills.

Physical Education: Performance Skills

In this unit you will:

- demonstrate a range of movement and performance skills in physical activities
- develop some consistency in your control, fluency of movement and body and spatial awareness
- learn how to respond to the physical demands of performance in a safe and effective way.

Physical Education: Factors Impacting on Performance

In this unit you will:

- demonstrate knowledge of factors that affect personal performance in physical activities
- develop personal performance
- record, monitor and review your own performance.

Added Value Unit: Physical Education Performance

In this unit you will:

- prepare for and carry out a performance in a physical activity
- adapt skills and techniques in performance situations
- follow rules and guidelines for that physical activity.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- practical work - performance of a physical activity
- research assignments and reports
- projects.

You must pass all the units including the performance unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Physical Education
- Wellbeing Award (SCQF Level 5)

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved:

- Level 4 Physical Education

Course Outline

Physical Education is a practical subject that develops your physical movement and performance skills. You may experience a range of activities such as indoor and outdoor team games, racquet sports, fitness related activities, athletics and swimming. You will learn how to reflect on and develop your performance.

The course has **two** compulsory units. The units are similar to those for National 4 but you will be expected to work to a higher standard.

Physical Education: Performance Skills

In this unit you will:

- develop your range of movement and performance skills
- learn how to select, use, demonstrate and adapt these skills
- develop consistency in control and fluency during movement to enable you to perform safely and effectively.

Physical Education: Factors Impacting on Performance

In this unit you will:

- develop your understanding of the factors that affect physical performance
- consider the effects of mental, emotional, social and physical factors on performance
- learn how to plan for, monitor, record and evaluate the process of personal performance.

Assessment

Practical Work – Pupils will perform two 'one off' performances that will be graded out 30 marks each. These two performances combine to make up 50% of your overall grade at National 5.

Portfolio – Pupils will complete a Portfolio that will be graded out of 60 and this also makes up 50% of their overall grade.

The performance component is internally marked by your school. It will be externally verified by SQA.
The portfolio component will be set and externally marked by SQA.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Physical Education

PHYSICAL EDUCATION HIGHER

Why Physical Education?

Physical Education provides you with the opportunity to build physical skills, improve aspects of fitness, and maximise your enjoyment of taking part in physical activities. It also has the benefits of developing your confidence, resilience, responsibility and ability to work with others.

The skills you learn in this course are suitable for a wide range of careers. These include health care, sport and leisure, the armed services and education.

Entry to the course

Entry is at the discretion of the school or college but you would normally have achieved:

- National 5 Physical Education or relevant units from course
- National 5 English

Course Outline

This course gives you the opportunity to develop and enhance movement and performance skills and to apply knowledge and understanding to the analysis and evaluation of performance in physical activities. You will develop your thinking skills through planning, problem-solving and analysing performance.

The course consists of three compulsory units and the course assessment unit.

Physical Education: Performance Skills (9 SCQF credit points)

In this unit you will:

- develop a broad and comprehensive range of complex movement and performance skills in two physical activities
- select, demonstrate, apply and adapt these skills, and use them to make informed decisions
- develop knowledge and understanding of how these skills combine to produce effective outcomes
- develop consistency, precision, control and fluency of movement
- learn how to respond to and meet the demands of performance in a safe and effective way.

Physical Education: Factors Impacting on Performance (9 SCQF credit points)

In this unit you will:

- develop knowledge and understanding of the four factors that impact on personal performance in physical activities
- consider how mental, emotional, social, and physical factors can influence effectiveness in performance
- develop knowledge and understanding of a range of approaches for enhancing performance, and select and apply these to factors that impact on your personal performance
- create development plans, monitor these and justify decisions relating to future personal development needs.

Course Assessment (6 SCQF credit points)

The course assessment has two components:

Pupils will complete a 2.5-hour exam which is worth 50 marks (50%).

Pupils will also complete two 'One Off' performances in activities of their choice which will both be graded out of a score of 30 and is also worth 50% of their overall grade.

The question paper will sample from your breadth of knowledge, understanding and skills accumulated across the course. The question paper will be set and marked by SQA.

Assessment

The practical assessment of the course is graded by the P.E. Department and externally verified by the SQA. The written exam is both created and marked externally by the SQA.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher Physical Education
- Higher National Certificates or Higher Education degree courses.

Further study, training or employment in:

- Teaching
- Sports Development
- Sports Management
- Personal Fitness Trainer
- Sports Science
- Sports Medicine
- Physiotherapy
- Armed Services
- Sport and Leisure

COMMUNITY SPORTS LEADERSHIP AWARD – SCQF Level 5

The SCQF Level 5 Award in Community Sports Leadership is a nationally recognised qualification that enables successful learners to lead groups of people in sport/activity, under indirect supervision.

The qualification teaches generic leadership skills such as organisation, planning, communication and teamwork through the medium of sport. It is a fun and practical qualification with no entrance requirements or final examinations to sit.

- Age: 16 and over (please note, there is no upper age limit for this qualification)
- Guided learning hours: 42 hours (including 10 hours demonstration of leadership within the community)
- SCQF credit value: 8 credits

The SCQF Level 5 Award in Community Sports Leadership consists of seven units of work plus 10 hours demonstration of leadership:

Unit

1. Plan, lead and evaluate a sport/activity session
2. Developing leadership skills
3. Lead a session to improve fitness
4. Adapting sports activities
5. Establish and maintain a safe sport/activity session
6. Organise and deliver a sports event or competition
7. Pathways in sport and recreation

Demonstration of Leadership

In order for learners to complete their SCQF Level 5 Award in Community Sports Leadership they must complete 10 hours demonstration of leadership within the community. This demonstration of leadership makes up part of Unit 1 Plan, lead and evaluate a sport/activity session.

SQA REFEREE DEVELOPMENT AWARD

The Award

In association with the Scottish Football Association we are offering this Award to our S5 and S6 pupils. If you have a passion for the game or perhaps have a dream to one day take charge of a Champions League or World Cup Final then this is where the hard work begins. Also if you just want to enhance your knowledge of the game whilst developing many key skills that are desired by employers then this is also a course for you.

Course Information

The course consists of two units. Each unit is worth 8 SCQF credit points at level 7 (an Advanced Higher requires 32 credits).

- Level 1 - The 17 Laws of the Game.
- Level 2 – Practical Refereeing and requires the pupils to apply theoretical knowledge to interpret situations.
- This also includes a fitness test, report writing and the opportunity to referee several school matches.

Pupils must pass both Units to gain the overall Award. There will be both a practical and written assessment.

Pupils will enhance their Life Skills in Several Areas:

- Oral communication
- Written communication
- Problem Solving
- Working with Others
- Numeracy
- Organisation Skills
- Developing close working partnerships with local Primary schools.

Continued Professional Development

On completion of Unit 2 pupils will receive a one year membership to their local refereeing association which will give them the opportunity to attend training and mix with the elite referees in Scotland. This will then give pupils the opportunity to advance up the refereeing ladder and to be assigned games at the weekends for which they will be paid.

PHYSICS

Why Physics?

Physics is the study of the universe, from the largest galaxies to the smallest subatomic particles. Physics leads to discoveries, like computers and lasers, that change our lives. Physics is at the root of technologies that help solve problems – from curing disease to developing sustainable energy solutions.

You will learn important skills such as analytical thinking and problem solving. These skills are a great asset in many career areas, including all branches of engineering, telecommunications, computer science, medicine, astronomy and renewable energy, flight, medical Physics Radiology, Sound Engineering, Lighting Engineering, Armed Forces-Defence, Particle Physics, Nuclear Physics, Opthalmics.

NATIONAL 4

Entry to the course

Entry is at the discretion of the school but you would normally have achieved one of the following:

- Level 3 Physics
- Level 3 Biology
- Level 3 Chemistry

Course Outline

From the sources of the energy we use to the exploration of space, advances in Physics mean that our view of what is possible is continually progressing. You will have the opportunity to design and carry out experiments and investigations to help you understand the role of Physics in scientific issues and in our lives.

The course has **three** compulsory units, plus an **added value** unit that assesses your practical skills.

Physics: Electricity and Energy

In this unit you will:

- explore the applications of electricity and energy, and the effects of these applications on society and the environment
- learn about the key areas of generation of electricity, electrical power, electromagnetism, practical electrical and electronic circuits, gas laws and the kinetic model.

Physics: Waves and Radiation

In this unit you will:

- explore the applications of waves and radiation and the implications for society and the environment
- investigate the key areas of wave characteristics, sound, electromagnetic spectrum and nuclear radiation.

Physics: Dynamics and Space

In this unit you will:

- consider the applications of dynamics and space and the implications on society and the environment
- investigate the key areas of speed and acceleration, relationships between forces, motion and energy, satellites and cosmology.

Added Value Unit: Physics Assignment

In this unit you will:

- carry out an investigation using the skills and knowledge you developed in the other three units
- investigate a topical issue in physics from a selection
- produce a written summary of the research and development ideas that inspired your work.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. Items of work might include:

- practical work - such as practical experiments
- written work - research assignments and reports
- projects
- class-based exams.

You must pass all the units including the practical unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Physics

NATIONAL 5

Entry to the course

Entry is at the discretion of the school but you would normally have achieved one of the following:

- National 4 Physics

Course Outline

From the sources of the energy we use, to the exploration of space, Physics covers a range of applications that affect our lives. Studying Physics allows you to gain an insight into the underlying nature of our world and its place in the universe. It will help you to develop your logical and critical thinking, solve problems and make decisions.

The course has **six** compulsory units.

Dynamics

In this area, the topics covered are: vectors and scalars; velocity-time graphs; acceleration; Newton's laws; energy; projectile motion.

Space

In this area, the topics covered are: space exploration; cosmology.

Electricity

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

Properties of matter

In this area, the topics covered are: specific heat capacity; specific latent heat; gas laws and the kinetic model.

Waves

In this area, the topics covered are: wave parameters and behaviours; electromagnetic spectrum; refraction of light.

Radiation

In this area, the topic covered is nuclear radiation.

Assessment

The course assessment for this course consists of **two** components and is externally marked:

- question paper (135 marks)
- assignment (20 marks).

For the assignment component, you will be asked to choose a topical issue in physics to investigate and produce a written summary of your research. The assignment component will be externally marked by the Scottish Qualifications Authority (SQA).

The question paper will be set and marked externally by the SQA.

The Course assessment is graded A–D.

Progression

If you complete the course successfully, it may lead to:

- Higher Physics

Homework

The Physics department will set regular homework tasks. Homework is an essential tool in consolidating knowledge and improving thinking skills. It can take the form of calculations, report writing, problem solving exercises and occasionally researching topics/planning presentations for class. Regular independent study at home is also expected of the pupils.

Equipment

Pupils will be issued with a variety of materials. They will be expected to take care of resources and equipment in the department and arrive for each lesson fully prepared for work.

PHYSICS - HIGHER

Why Physics?
This course is designed to increase your knowledge and understanding of the concepts of Physics and its many applications in modern society. It provides the opportunity to develop skills necessary to find solutions to scientific problems, such as experimenting, investigating and analysing, and gives a deeper insight into the structure of the subject. The course makes a valuable contribution to your general education and provides a sound basis for further study.

You will learn important skills such as analytical thinking and problem solving. These skills are a great asset in many career areas, including all branches of engineering, telecommunications, computer science, medicine, astronomy and renewable energy, flight, medical Physics Radiology, Sound Engineering, Lighting Engineering, Armed Forces-Defence, Particle Physics, Nuclear Physics, Opthalmics.

Entry to the Course

Entry is at the discretion of the school, but you would normally be expected to have achieved:

- A pass at National 5 Physics.

Course Outline

This course aims to develop your curiosity, interest and enthusiasm for physics in a range of contexts. The skills of scientific inquiry and investigation are developed throughout the course. You will study the relevance of physics through the applications of physics in everyday contexts.

The course consists of four compulsory units and the course assessment unit.

Physics: Our Dynamic Universe (6 SCQF credit points)

In this unit you will:

- develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding of our dynamic universe
- apply these skills when considering the applications of our dynamic universe on our lives, as well as the implications on society/the environment
- achieve the above using a variety of approaches, including investigation and problem solving
- cover the key areas of kinematics, dynamics and space-time
- research issues, apply scientific skills and communicate information related to your findings, which will develop skills of scientific literacy.

Physics: Particles and Waves (6 SCQF credit points)

In this unit you will:

- develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding of particles and waves
- apply these skills when considering the applications of particles and waves on our lives, as well as the implications on society/the environment
- achieve the above by using a variety of approaches, including investigation and problem solving
- cover the key areas of particles and waves
- research issues, apply scientific skills and communicate information related to your findings, which will develop skills of scientific literacy.

Physics: Electricity (3 SCQF credit points)

In this unit you will:

- develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding of electricity
- apply these skills when considering the applications of electricity on our lives, as well as the implications on society/the environment
- achieve the above by using a variety of approaches, including investigation and problem solving
- cover the key areas of electricity, and electrical storage and transfer
- research issues, apply scientific skills and communicate information related to your findings, which will develop skills of scientific literacy.

Course Assessment (6 SCQF credit points)

The course assessment has two components:

- a question paper (130 marks)
- an assignment (25 marks).

The question paper will assess scientific inquiry skills, analytical thinking skills and the impact of applications on society and the environment. The question paper will be set and marked by SQA.

The assignment will assess the application of skills of scientific inquiry and related physics knowledge and understanding. You will be asked to investigate a relevant topic in physics, communicate your findings and draw valid conclusions.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass all four units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher Physics

Further study, training or employment in:

- Flight
- Medical Physics
- Engineering
- Radiology
- Sound Engineering
- Lighting Engineering
- Armed Services – Defence
- Alternative Energy Development
- Astronomy
- Particle Physics
- Nuclear Physics
- Opthalmics

PHYSICS - ADVANCED HIGHER

Why Physics?

The Advanced Higher Physics Course enables learners to build on the knowledge and skills developed in the Higher Physics Course and to use their mathematical knowledge and skills to analyse and solve problems in real-life contexts. Through a deeper insight into the structure of the subject, the Course reinforces and extends knowledge and understanding of the concepts of physics and develops skills in investigative practical work. This Course or its Units may provide progression to:

- University degree/HND programmes in a physics-based course or a related area, such as engineering, electronics, computing, design, architecture or medicine
- Careers in a physics-based discipline or related area, or in a wide range of other areas, such as oil and gas

Entry to the Course

This is at the discretion of the school but would normally be expected to have attained the following:

- Higher Physics at B or above
- Higher Mathematics

Course Outline

Rotational Motion and Astrophysics

This Unit develops knowledge and understanding and skills in physics related to rotational motion and astrophysics. It provides opportunities to develop and apply concepts and principles in a wide variety of situations involving angular motion. An astronomical perspective is developed through a study of gravitation, leading to work on general relativity and stellar physics.

Quanta and Waves

This Unit develops knowledge and understanding and skills in physics related to quanta and waves. It provides opportunities to develop and apply concepts and principles in a wide variety of situations involving quantum theory and waves. The Unit introduces non-classical physics and considers the origin and composition of cosmic radiation. Simple harmonic motion is introduced and work on wave theory is developed.

Electromagnetism

This Unit develops knowledge and understanding and skills in physics related to electromagnetism. It provides opportunities to develop and apply concepts and principles in a wide variety of situations involving electromagnetism. The Unit develops knowledge and understanding of electric and magnetic fields and capacitors and inductors used in d.c. and a.c. circuits.

Investigating Physics

In this Unit, learners will develop key investigative skills. The Unit offers opportunities for independent learning set within the context of experimental physics. Learners will identify, research, plan and carry out a physics investigation of their choice.

Assessment

Throughout the course, pupils will be assessed on a Unit-by-Unit basis (or by combined assessment) on a pass/fail basis.

Course assessment includes a final, externally assessed, question paper requiring demonstration of the knowledge, skills and understanding acquired from across the Units and how they can be applied in unfamiliar contexts and/or integrated ways. Additionally, an individual project is undertaken and a report submitted for external assessment. The project is an investigation/research into a relevant topic in physics.

Further study, training or employment in:

- Flight
- Medical Physics
- Engineering
- Radiology
- Sound Engineering
- Lighting Engineering
- Defence
- Alternative Energy Development
- Astronomy
- Particle Physics
- Nuclear Physics
- Opthalmics

PRACTICAL METALWORKING

Why Practical Metalworking?

This course will give you a broad introduction to practical metalworking skills. You will learn the correct use of tools and equipment, and a range of materials, processes and techniques. And, you will be able to read simple diagrams, and work safely in a workshop-based setting. You will get to use some creative skills, and plan your activities through to completing a finished product in metal.

The skills you learn in this course will help you move into career areas such as craft, design, engineering and graphics.

NATIONAL 4

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- National 3 Practical Craft Skills
- National 3 Design and Technology

Course Outline

In this course you will develop manual dexterity and control skills in a specialist craft. You will learn about the correct use of a range of tools, equipment and materials. The skills you learn in this course are also useful to other areas such as woodworking. And, you will learn how to work effectively alongside others in a workshop environment.

In all three units you will develop an appreciation of safe working practices in a workshop setting. And, you will look at how metals are made and recycled and how this impacts the environment.

The course has **three** compulsory units, plus an added value unit that assesses your practical skills.

Practical Metalworking: Bench Skills

In this unit you will:

- learn a range of metalworking hand tool skills including simple bench-fitting work, basic sheet-metal work and simple measuring and marking out work
- develop the ability to read and interpret simple drawings and diagrams.

Practical Metalworking: Machine Processes

In this unit you will:

- build measuring and marking out skills
- develop skills in using common metalwork machines, equipment and related processes
- work with an appropriate range of metals.

Practical Metalworking: Fabrication and Thermal Joining

In this unit you will:

- develop skills in fabrication, forming and joining of simple metalwork components
- develop skills in thermal joining techniques
- build skills in measuring and marking out.

Added Value Unit: Making a Finished Product from Metal

In this unit you will:

- produce and apply a finish to a product in metal.

Assessment

Your teacher will assess your work on a regular basis throughout the course. Items of work might include:

- practical work – operating machinery or checking tools
- written or oral work – identifying tools in short tests.

You must pass both units plus the added value unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Practical Metalworking

NATIONAL 5

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- National 4 Practical Metalworking

Course Outline

In this course you will develop manual dexterity and control skills in a specialist practical craft. You will learn about the correct use of a range of tools, equipment and materials. The skills you learn in this course are also useful to other areas such as woodworking. And, you will learn how to work effectively alongside others in a workshop environment.

In all three units you will develop an appreciation of safe working practices in a workshop setting. And, you will look at how metals are produced and recycled and how this impacts the environment.

The course has **three** compulsory units. The units are similar to those for National 4 but you will be expected to produce a higher standard of work.

Practical Metalworking: Bench Skills

In this unit you will:

- learn a range of metalworking hand tool skills including bench-fitting work, routine sheet-metal work and measuring and marking out. Some tasks will involve complex features
- be able to read and interpret drawings and diagrams showing both familiar and unfamiliar metalworking tasks.

Practical Metalworking: Machine Processes

In this unit you will:

- build your measuring and marking out skills
- develop skills in using common metalwork machines, equipment and related processes
- work with an appropriate range of metals in both familiar and unfamiliar contexts.

Practical Metalworking: Fabrication and Thermal Joining

In this unit you will:

- develop skills in fabrication, forming and joining of metalwork components with some complex features
- develop skills in thermal joining techniques
- build your skills in measuring and marking out.

Assessment

Units will be assessed internally by your teacher or lecturer as 'pass' or 'fail'. Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work – operating machinery or checking tools
- written or oral work – identifying materials in short tests.

Units do not contribute to your overall grade but to achieve the course qualification, you must pass all units plus a course assessment.

The course assessment has two components:

Component 1 : Question paper – 60 marks, 1 hour

Component 2 : Practical accuracy – 70 marks

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- other qualifications in practical technologies or related areas at SCQF Levels 5 or 6

Religious, Moral and Philosophical Studies (RMPS)

Course Outline

Religious, Moral and Philosophical Studies encourages active learning in the process of investigating religious, moral and philosophical topics or issues.

Candidates develop and apply a range of cognitive skills over a range of religious, moral and philosophical contexts.

World Religion: Candidates develop in-depth knowledge and understanding of the impact and significance of religion today. They study key beliefs and practices of one of the world's six major religions and the contribution these make to the lives of followers.

In Turnbull High School we capitalise on the excellent learning that takes place in Core RE by studying **Christianity**. This includes beliefs and practices from Catholicism and other Christian traditions.

Morality and belief: Candidates develop skills to evaluate and express detailed, reasoned and well-structured views about contemporary moral questions and responses. They develop in-depth knowledge and understanding of contemporary moral questions, and religious and nonreligious responses to these.

In Turnbull High School we study **Morality and Justice** which explores reasons for crime and types of punishment. Early foundations are laid for this section during the Morality and Justice (Death Penalty) unit in the S4 core RE curriculum.

Religious and philosophical questions: Candidates develop skills to critically analyse religious and philosophical questions and responses.

In Turnbull High School we study the question of the **Existence of God**. Early foundations are laid for this section during the study of arguments for the existence of God in the S3 core RE curriculum.

Throughout all element of the course, candidates become proficient in the skills of Analysis and Evaluation of a range of sources and learn how to construct and compare sound arguments on a range of issues.

Entry Requirements

Pupils who wish to study Higher RMPS in S6 should have passed Higher English, History or Modern Studies.

Assessment

Component 1 & 2 (73% of the overall grade)

Component 1: Question paper 1 — World Religion and Morality and Belief - (60 marks - 2 hours 15 minutes)

Component 2: Question Paper 2 — Religious and Philosophical Questions - (20 marks 45 minutes)

Component 3: Assignment (27% of the overall grade).

The assignment is worth 30 marks and involves writing an essay under exam conditions within school. The topic of the essay is chosen by the candidate and is internally assessed. The process begins with selecting an appropriate essay question, undertaking research and then completing the assignment. A limited amount of notes are permitted when completing the assignment under exam conditions. The assignment is sent to SQA for external marking.

RMPS and Your Future

Glasgow University, Strathclyde University and the Russell Group (who represent the top 24 universities in the UK) have RMPS as part of their entry requirements for:

- **Glasgow MA Courses**- Art, Archaeology, English Literature, Film and Television, History, Philosophy, Psychology, Theatre Studies, Theology and Religious Studies
- **Glasgow MA Social Sciences courses**- Social Sciences, Business and Management, Education, Health and Social Policy, Politics, Public Policy, Sociology.
- **Strathclyde BA Courses-** Education, English, History, Journalism, Law, Politics, Psychology.
- **Strathclyde Law LLB (Hons)**

All of the above reiterated by the Russell Group for the top 24 universities in the UK.

In addition to the academic skills and qualifications gained through RMPS, many employers view successful candidates as:

- Having excellent analytical and debating skills which are applicable to law, politics and many other fields
- Having excellent research and writing skills which are transferrable to all pathways
- Being systematic thinkers who can get to the root of an issue and critically evaluate a range of issues
- Having a high degree of religious literacy- understanding the religious, non-religious and moral beliefs of a range of cultures and backgrounds which give insight to any career in which a candidate may work with people
- Having a grounding in ethics, which applies to so many professional fields- politics, medical ethics, how ethics informs the law and public policy.

Scientific Technologies: SCQF Level 6

Why Scientific Technologies?

The group award title reflects the scientific nature of the award and is linked to the skills required to become competent to work in science-based industries. This award can be achieved at the same time as Advanced Higher Chemistry or as a stand alone course.

The general aims of the NPA Scientific Technologies group award are to develop:

- knowledge and understanding of scientific technologies to SCQF level 6.
- the ability to define and solve problems.
- transferable skills.
- the ability to be flexible and work co-operatively with others.
- responsibility for own learning.
- planning, organisation and review/evaluation skills.
- oral and written scientific communication skills.
- numerical and ICT skills.
- employability skills.
- flexibility, knowledge, skills and motivation as a basis for progression to further study.

Course Outline

This course will give you practical experience in the basic practical skills for working in a laboratory, for example: measuring, weighing and preparing compounds and solutions and will help you to understand and apply the health and safety requirements for a safe working environment. You will develop specific practical skills related to biology and chemistry

The course is made up of four compulsory units. The compulsory units are:

- Laboratory Safety
- Mathematics for Science 2
- Fundamental Chemistry: An Introduction
- Experimental Procedures: Science

You will learn about

- health and safety issues of working in a laboratory
- using various types of instrumentation found in laboratories
- calculating and presenting results of practical work
- employability skills such as timekeeping, taking instructions and measuring .

You will also produce a plan to investigate a scientific topic using practical procedures. You will be assessed on your ability to carry out an allocated task in a competent and safe manner. You will present your findings and produce a scientific report.

Where will I take the course?

- You will usually train at school but there may be opportunities to visit local scientific industries.
- You will have to wear appropriate Personal Protective Equipment (PPE) on this course, for example: safety glasses and a lab coat.

Work experience/placements

Due to health and safety requirements it is not normally possible to arrange a science laboratory work experience placement for young people. However, where possible, you may be able to visit employers or training providers.

Assessment

Assessment will be based on closed-book assessments, laboratory work check lists, laboratory work lab books and a project report

Progression

The NPA Scientific Technologies group award is designed to articulate with the HNC Applied Sciences group award and the Modern Apprenticeship in Life Science and Related Science Industries.

The NPA Scientific Technologies group award forms an integral part of the Foundation Apprenticeship in Scientific Technologies at SCQF level 6, providing the knowledge and understanding and basic skills required to allow the development of vocational skills in the work place.

Scottish Studies Level 6

Purpose and Aims of the Award

The purpose of this Award is to allow learners to broaden and add depth to their knowledge of Scotland whilst developing and applying skills, knowledge and understanding relevant to different subject areas. There is a choice of Units, from a range of subject areas, which they can study in a Scottish context.

The main aims of the Award are to give learners the opportunity to:

- develop and apply skills, knowledge and understanding in chosen subject areas
- make interdisciplinary connections by studying these subject areas in a Scottish context
- develop an in-depth understanding of the contribution that Scotland and its people, past and/or present, have made and continue to make in these areas
- reflect on the place of Scotland within the wider context of the United Kingdom, Europe and/or the rest of the world
- research an aspect of Scottish Studies that is of particular interest to them
- develop the skills of planning, researching, selecting and analysing information, and skills of evaluation
- demonstrate, under non-directive supervision, their ability to work independently

Progression

This Award or its Units may provide progression to:

- a variety of Courses, Awards or Units at SCQF level 6, depending on the specific subject areas studied as part of the Award. Such as Higher History or Higher Modern studies
- the National Certificate in Celtic Studies at SCQF level 6
- other Awards, Courses or Units at SCQF level 6

It may also provide a good foundation for progression to training or employment in a variety of sectors including financial services, law, care, tourism, hospitality and the creative, cultural and heritage industries.

Course structure

All Units in the Award are at SCQF level 6 and learners must complete a total of four Units. All learners must complete the mandatory Scottish Studies: Scotland in Focus (SCQF level 6) Unit.

- Scotland in Focus
- English: Analysis and Evaluation with a Scottish Context
- Historical Study: Scottish
- Modern Studies: Social Issues in the United Kingdom with a Scottish Context

Course Assessment

The nature of assessment will depend on the combination of Units which are selected from the Award framework. Assessment should provide learners with the opportunity to generate evidence of achievement for the Outcomes and Assessment Standards of all selected Units.

All learners must be provided with the opportunity to generate evidence for the Outcomes and Assessment Standards for the mandatory Unit Scottish Studies: Scotland in Focus (SCQF level 6).

Evidence can be presented in any form appropriate to the Units chosen and for the learner. This evidence may be paper-based or recorded (oral, visual or electronic). Performance or product evidence should be supported by assessor observation checklists and/or oral questions and assessor records of learners' answers. Learners may also provide evidence through audio recordings, video diaries, blogs or other electronic means.

The specific Evidence Requirements for all contributing Units can be found in the relevant Unit Specifications.

The assessment for this course is folio based. There is no final exam.

Skills for Learning, Life and Work

It is expected that learners will develop broad, generic skills through this Award. The skills that learners will be expected to enhance and develop through the Award are based on SQA's Skills Framework: Skills for Learning, Skills for Life and Skills for Work and are drawn from the main skills areas listed below. These can be built into the Award where there are appropriate opportunities.

- Health and Wellbeing
- Personal Learning
- Employability, enterprise and citizenship
- Enterprise
- Citizenship
- Thinking Skills
- Remembering
- Understanding
- Applying
- Analysing and Evaluating
- Creating

SPANISH

Why Spanish?

Learning a new language lets you connect with different people and their cultures. You think, talk about and create ideas through language.

Spanish is useful for both work and travel. Around 400 million people worldwide speak Spanish, especially in South America. Spain is a beautiful country rich in history and culture which makes it a popular holiday destination for British people. And, Spain is one of the UK's main trading partners. Lots of companies need workers who can speak more than one European language.

Furthermore, through the Scottish Government's policy "Language Learning in Scotland: A 1 + 2 Approach", every child will now have the opportunity to learn a modern language from Primary 1 onward and the right to a second modern language from Primary 5 onwards by 2020.

Learning Spanish gives you lots of choices in your future work.
The skills you develop in Spanish are useful in many different job areas such as travel and tourism, languages, teaching and in business and commerce.

NATIONAL 4

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- Appropriate level of S3 Spanish

Course Outline

This course gives you the chance to improve your skills in reading, listening, talking and writing in Spanish, important for learning, work and life. You will also learn to understand how language works and how to get across information and ideas.

You will study a wide range of different types of texts in different media. You will also learn to think critically and creatively and develop cultural awareness.

The course has **two** compulsory units and an Added Value Unit:

Spanish: Understanding Language

In this unit you will:

- develop reading and listening skills in Spanish
- develop your knowledge of straightforward Spanish in the contexts of society, learning, employability and culture.

Spanish: Using Language

In this unit you will:

- develop talking and writing skills in Spanish
- develop your knowledge of straightforward Spanish in the contexts of society, learning, employability and culture.

Added Value Unit: Spanish: Assignment

In this unit you will:

- select relevant information from at least two written texts
- give a verbal presentation in Spanish, and respond appropriately to questions in Spanish.

Assessment

Your teacher or tutor will assess your work on a regular basis throughout the course. Items of work might include:

- practical work – reading, speaking or listening to texts
- written work – producing simple texts
- class-based exams.

You must pass both units plus the added value unit to gain the course qualification.

Progression

If you complete the course successfully, it may lead to:

- National 5 Spanish

NATIONAL 5

Entry to the course

The school will decide on the entry requirements for the course. You would normally have achieved:

- Appropriate level in S3 Spanish

Course Outline

This course offers you the opportunity to develop your skills in reading, listening, talking and writing in Spanish, which are essential for learning, work and life. You will also learn to understand how language works and how to communicate information and ideas.

You will study a wide range of various types of texts in a variety media. You will also learn to think critically, creatively and develop cultural awareness.

The course has **two** compulsory units. The units are similar to those for National 4 but you will be expected to produce a higher standard of work.

Spanish: Understanding Language

In this unit you will:

- develop reading and listening skills in Spanish
- develop your knowledge of detailed Spanish in the contexts of society, learning, employability and culture.

Spanish: Using Language

In this unit you will:

- develop talking and writing skills in Spanish
- develop your knowledge of detailed Spanish in the contexts of society, learning, employability and culture.

Assessment

Units will be assessed internally by your teacher or lecturer as 'pass' or 'fail'. Your work will be assessed on an ongoing basis throughout the course. Items of work might include:

- practical work - such as reading, speaking or listening to texts
- written work - such as producing detailed texts or reports
- question papers/tests.

Units do not contribute to your overall grade but to achieve the course qualification, you must pass all units plus a course assessment.

The course assessment for this course consists of two components:

- question papers: reading and writing (50 marks) and listening (20 marks)
- performance: talking (30 marks).

For the performance component, you will be asked to deliver a spoken presentation and take part in a conversation in Spanish in one of the following contexts: society, learning, employability or culture. Your performance will be set by the Scottish Qualifications Authority (SQA) and marked internally by a visiting SQA assessor.

The course assessment is graded A-D.

Progression

If you complete the course successfully, it may lead to:

- Higher Spanish

Homework

Homework is an essential part of teaching and helps to establish a routine of high expectations and achievement. In Modern Languages, homework is issued after every lesson. Its purpose is to promote the learning of the relevant material and to consolidate previous learning. Homework will challenge all pupils and provide them with opportunities for personal achievement. Pupils will have an element of personalisation and choice where appropriate. The amount of homework set and the level of the task will be in-line with the level of the pupils' ability. Homework tasks are explained in detail by the teacher and pupils should always note the task carefully in their homework diary. The bulk of homework issued in Modern Languages in S3 and S4 will take the form of learning vocabulary or preparing for specific Reading, Speaking and Writing tasks, and written homework will also be given at times. In addition, we encourage pupils to use the internet to enrich their learning and develop their skills. We recommend the following websites in particular:

www.linguascope.com
www.languagesonline.com
www.bbc.co.uk/languages/spanish
www.zut.org.uk
www.bbc.co.uk/scotland/education/spanish
www.euroclubschools.co.uk

SPANISH - HIGHER

Why Spanish?

The purpose of this course is to enable you to develop your ability to use the Spanish language in useful and relevant contexts. The four skill areas are listening, speaking, reading and writing. In addition, the course also provides you with knowledge of Spain and the customs and way of life of the Spanish people.

Since the establishment of the Single European Market in 1992, many companies require employees who are fluent in one or more European language. Higher Spanish is therefore an extremely useful course for a variety of career paths and makes a valuable contribution to your general education and personal development. Furthermore, through the Scottish Government's policy "Language Learning in Scotland: A 1 + 2 Approach", every child will now have the opportunity to learn a modern language from Primary 1 onward and the right to a second modern language from Primary 5 onwards by 2020.

Entry to the course

Entry is at the discretion of the school or college, but you would normally be expected to have:

- National 5 Spanish or relevant units from the course.

Course Outline

This course aims to help you develop your reading, listening, talking and writing skills in Spanish, in a variety of contexts. You will encounter a wide range of different types of texts in different media. In addition, the course also provides you with knowledge of Spain and the customs and way of life of the Spanish people.

The course consists of two compulsory units and the course assessment unit.

Understanding Spanish (9 SCQF credit points)

In this unit you will:

- develop and extend reading and listening skills in Spanish
- develop your knowledge and understanding of detailed and complex Spanish in the contexts of society, learning, employability, and culture.

Using Spanish (9 SCQF credit points)

In this unit you will:

- develop and extend talking and writing skills in Spanish
- develop your knowledge and understanding of detailed and complex Spanish in the contexts of society, learning, employability, and culture.

Course assessment (6 SCQF credit points)

The course assessment consists of two components:

- two question papers: reading and writing (40 marks) and listening and writing (30 marks)
- a performance (30 marks).

The question papers will assess your listening, reading, and writing skills in Spanish. The question papers will be set and marked by SQA.

The performance has two sections; delivering a presentation in Spanish, and taking part in a natural, spontaneous conversation with the teacher or lecturer in Spanish. The conversation will be from one of the following contexts: society, learning, employability, or culture.

Assessment

Your work will be assessed by your teacher on an ongoing basis throughout the course. You must pass both units and the course assessment to gain the course qualification.

The course assessment is graded A-D. Your grade will depend on the total mark for all the units in your course.

Progression

If you complete the course successfully, it may lead to:

- Advanced Higher Spanish

Further study, training or employment in:

- Administration & Management
- Arts, Social Science & Religion
- Hospitality, Catering & Tourism
- Languages
- Law
- Business
- Marketing
- Publishing
- Civil Services
- Medicine
- Engineering
- Journalism
- Broadcasting
- International opportunities
- International Banking
- Secondary Teaching
- Primary Teaching

SPANISH - ADVANCED HIGHER

Why Spanish?

The aim of this course is to allow you develop your existing ability in the four language skill areas of listening, speaking reading and writing. You will have the opportunity to acquire greater fluency, flexibility and accuracy in the language and widen your knowledge of Spanish literature and culture.

Since the establishment of the Single European Market in 1992, many companies are seeking employees with fluency in one or more European languages.

Furthermore, through the Scottish Government's policy "Language Learning in Scotland: A 1 + 2 Approach", every child will now have the opportunity to learn a modern language from Primary 1 onward and the right to a second modern language from Primary 5 onwards by 2020.

Advanced Higher Spanish is extremely valuable for many career paths, for entry to higher or further education and for your general education and personal development.

Entry to the Course

This is at the discretion of the school/college, but you would normally be expected to have attained one of the following:

- Higher Spanish units or course
- an equivalent qualification.

Course Outline

The Course offers learners opportunities to deepen their knowledge of Spain and the customs and way of life of the Spanish people as well as to develop and extend a wide range of skills. These include :

- advanced listening and talking, reading, and writing skills in the modern language, as appropriate to purpose and audience, in the contexts of society, learning, employability, and culture
- advanced knowledge and understanding required to understand and use the modern language, as appropriate to purpose and audience, in the contexts of society, learning, employability, and culture
- understanding an advanced range of grammatical knowledge when using the modern language
- advanced knowledge and understanding required to apply the language skills of translation and either:
- advanced knowledge and appreciation of literary and/or media texts in the modern language or:
- advanced knowledge and appreciation of a thematic aspect

The course consists of the following units :

Understanding Language (8 SCQF credit points)

- develop and extend reading and listening skills in Spanish
- develop a knowledge and understanding of complex and sophisticated language in the contexts of society, learning, employability and culture.

Using Language (8 SCQF credit points)

- develop and extend talking and writing skills in Spanish
- develop a knowledge and understanding of complex and sophisticated language in the contexts of society, learning, employability and culture.

Specialist Study (8 SCQF credit points)

- develop and extend planning, research and analytical skills in order to undertake an independent specialist study based on literature or media or language in work.

Course assessment
All Units are internally assessed on a Unit-by-Unit basis or by combined assessment. Students' work will be assessed by the class teacher on an ongoing basis throughout the course. Unit assessments must be passed to gain the course qualification.

External Assessment
The course assessment consist of four components — two question papers, a performance, and a portfolio.

- Two question papers : Reading and Translation (50 marks) and Listening and Discursive writing (70 marks)
- A performance: learners will demonstrate their talking skills in the modern language (50 marks) – 25% of total mark
- A portfolio. The purpose of the portfolio is to allow learners to demonstrate the following skills; knowledge and understanding, analysing literature or media or language in work within the context of the Modern Language. Learners will produce one piece of writing in English of 1200-1500 words (30 marks). – 15% of total mark

Notes: The question papers will be set and marked by SQA. The performance will be prepared in class and marked by a visiting examiner. The portfolio will be marked by SQA.

The course assessment is graded A-D.

Progression

- Advanced Higher Courses provide good preparation for learners progressing to further and higher education as learners doing Advanced Higher Courses must be able to work with more independence and less supervision. This eases their transition to further/higher education.
- Advanced Higher Courses may also allow 'advanced standing' or partial credit towards the first year of study of a degree programme.
- Advanced Higher Courses are challenging and testing qualifications: learners who have achieved multiple Advanced Higher Courses are regarded as having a proven level of ability which attests to their readiness for higher education in HEIs in other parts of the UK as well as in Scotland.

Successful completion of this course may also lead to:

- Employment opportunities and training programmes in teaching, interpreting, business, marketing, publishing, finance, broadcasting, journalism, civil service, engineering, medicine, international opportunities.

Young Applicants in Schools Scheme (YASS)

What is YASS?

YASS is a unique opportunity for S6 students in Scottish schools to bridge the gap between school and full-time university through online independent distance learning. Run by The Open University in Scotland, YASS offers motivated and able students a chance to study a range of university level modules in school alongside their other studies.

Modules are offered in a wide range of subject areas including science, engineering, business studies, health and social care, IT and computing, arts, mathematics and sport and fitness. Each module offered through YASS is the equivalent to SCQF Level 7 and the first year at a traditional university.

Modules can last from 10 weeks to 40 weeks and are clearly structured with timetables and deadlines. Shorter modules normally require up to 10 hours of study a week, while a longer one can require up to 16 hours a week.

YASS was first developed in Scotland in partnership with Highland Council in 2007/08 and has grown substantially since then. In 2012/13 over 570 students in S6 from over 100 schools in Scotland took part.

What's in it for students?

YASS:

- *is a unique opportunity for students to experience learning at university level and develop important skills such as independent study, time management and accessing electronic resources.*
- *students have access to the entire OU library which they can use not only for their YASS module but for the other subjects they are studying as well.*
- *students are treated just the same as all other OU students and can obtain specialised student and IT support if required. They also have access to guidance about course choice and careers options through the OU website.*

Taking a YASS module can help students' applications to university or college stand out from other students' and contribute valuable content to their personal statements.

Who pays for YASS?

The Open University has secured funding from the Scottish Funding Council (SFC) to fully fund students from local authority schools taking 10, 15 and 30 credit modules.

APPENDIX : CORE SUBJECT - RELIGIOUS EDUCATION

The curriculum for RCRE in Turnbull High School is based on the Principles and Practice for Religious Education in Catholic schools and is being developed in the light of This is Our Faith for the Senior Phase.

Pupils have opportunities to advance skills for learning, life and work through personal achievement and through links with partner agencies. There are also opportunities to contribute positively to the life and ethos of the school and wider community.

In this phase the school promotes the further development of belief, values and practices which facilitate the making of sound moral decisions and commitments in life. Ample opportunities are provided to discuss, reflect and consider a range of relevant topics. Strong encouragement is provided towards participation in acts of charity and service for communities locally and globally. The broad themes examined in S5 and S6 will include:

- Jesus Our Saviour
- The Eucharist
- The Holy Trinity
- The Mission of Christ
- Respect for Life
- Catholic Social Teaching
- Christian Anthropology
- Moral Decision Making
- Theology of the Body
- The Life and Teachings of the Church
- Called to Love
- Faith in Action
- The Life of Blessed John Paul 11
- Redemption in Christ