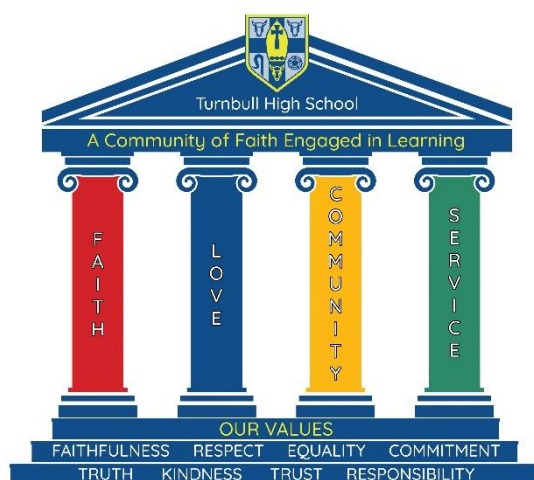




Turnbull High School
EAST DUNBARTONSHIRE

S3/S4 OPTIONS BOOKLET



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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. This course develops core IT skills and pupils will be confident in using Microsoft Word, Excel, Access and Publisher by the end of it.

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

NATIONAL 3

Entry to the Course

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

- Level 2 Business in Practice

Course Outline

You will learn how to use computer software such as databases, spreadsheets, desktop publishing, internet, email, word processing and presentation software. Much of the time will be 'hands-on' at your own computer.

The course has three **compulsory** units.

IT Solutions for Administrators

In this unit you will:

- complete simple administrative tasks
- use word processing, spreadsheets and databases to create and edit documents.

Communication in Administration

In this unit you will:

- use the internet to find information related to everyday administrative functions
- use desktop publishing, presentation software and email to communicate information.

Administration in Action

In this unit you will:

- perform administrative and IT tasks within a practical scenario.

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 - such as word processing documents and spreadsheets
- projects
- class tests.

You must pass all three units to get the qualification.

Progression

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

- National 4 Administration and IT

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.

You will learn about:

- administrative tasks needed to organise and support small-scale events
- key workplace legislation affecting employees
- good customer care
- use word processing applications to create and edit business documents
- use spreadsheets and databases applications to manage and manipulate information
- 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 Question Paper
- SQA Assignment
- Practical class tests.

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

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 3

Entry to the course

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

- Level 2 Creative Arts

Course Outline

This practical hands-on course is designed to develop your creativity and imagination, as well as your skills in drawing, painting and making things.

You will develop a better understanding of:

- how artists and designers work
- art and design materials and techniques - and how to use them
- how to record and present basic facts and ideas
- how to come up with ideas for art and design projects
- how to plan, produce and present them.

You will also develop confidence in expressing your ideas and using your creative skills to create art and design work.

The course has **two** compulsory units:

Art and Design: Expressive Activity

In this unit you will:

- consider some of the things that inspire artists, and how this affects their work
- develop a basic understanding of how artists use art materials, techniques and technology in their work
- use, and experiment with, art materials, techniques and technology
- develop and improve your practical skills by producing imaginative art work at a basic level.

Art and Design: Design Activity

In this unit you will:

- consider some of the things that inspire designers
- select, use and experiment with materials, techniques and/or technology at a basic level
- learn how to use design materials, techniques and/or technology in your work
- produce design work in response to a given brief
- develop your own ideas in 2D and/or 3D work.

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

You must pass both units to get the qualification.

Progression

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

- National 4 Art and Design

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 (160 marks)
2. an examination question paper (40 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

Further study, training or employment in:

- Art and Design
- Communications and Media
- Manufacturing Industries

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.

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 3

Entry to the course

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

- Level 2 Science in the Environment

Course Outline

Biology is a practical, hands-on subject that develops your critical thinking, and helps you to solve problems and make decisions. You will learn about plants, animals and people. You will find out how different organs and systems work, and how to classify and group things by similarities and differences. You will learn the skills involved in carrying out biological experiments in laboratories.

The course has **three** compulsory units.

Cell Biology

In this unit you will:

- carry out experiments to investigate the cell as the basic unit of life
- investigate the structure and variety of cells and their functions, including DNA, photosynthesis, different types of microorganisms.

Biology: Multicellular Organisms

In this unit you will:

- carry out practical investigations of plants and animals
- investigate key areas of the structure and function of organs and organ systems and their role in sustaining life
- learn about the role of technology in monitoring health and improving quality of life
- learn how the body defends itself against disease and the role of vaccine
- learn about fertilisation and how embryos develop.

Biology: Life on Earth

In this unit you will:

- carry out practical investigations of ecosystems and biodiversity, including sampling and identifying living things from different habitats
- investigate different types of chemicals used in agriculture, and their impact on global food production.

Assessment

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

Progression

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

- National 4 Biology

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 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

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 your 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.

Business

Why Business?

We all rely on business and entrepreneurs to create wealth and employment. This course helps you to develop skills in numeracy, employability and enterprise. You will also learn how to communicate effectively by working with others, as well as how to work independently, and how to lead activities when appropriate. These skills are valuable in a wide range of careers, but are particularly useful if you are interested in a career in the small business sector.

NATIONAL 4

Course Outline

Business is a practical hands-on subject that relates the study of business to real-life situations. You will learn to use ICT to gather, analyse and communicate business information, and communicate effectively in a business context. This includes understanding money, interpreting data, and using tables, charts and other graphical displays.

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

Business in Action

In this unit you will:

- learn how and why businesses develop and operate
- understand how businesses satisfy customers' needs
- learn how marketing, finance, operations and human resources support business planning and decision-making.

Influences on Business

In this unit you will:

- investigate stakeholders' influence on businesses
- develop your understanding of the financial, economic, competitive and social environment in which businesses operate.

Added Value Unit: Business Assignment

In this unit you will:

- plan, research and produce a report that demonstrates the skills and knowledge you have gained from studying the other units.

Assessment

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

- SQA Unit Assessments
- SQA Added Value Unit

You must pass all units to get the qualification.

Progression

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

- National 5 Business Management

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.

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.

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 3

Entry to the course

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

- Level 2 Science in the Environment

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.

Chemical Changes and Structure

In this unit you will:

- develop scientific skills and knowledge of the chemicals in our world including the properties and reactions of common elements, and how these relate to their position in the periodic table
- focus on everyday elements, compounds and mixtures, you will work towards the concept of chemical reactions and word equations
- study everyday uses and reactions of acids and bases, and the impact they have on the environment, through practical experience.

Nature's Chemistry

In this unit you will:

- research the Earth's rich supply of natural resources
- investigate the formation of fossil fuels and how developments in sustainable energy sources is changing their use
- find out how chemists use plants in the development of everyday products
- explore plants as a source of oils, carbohydrates and nutrients.

Chemistry in Society

In this unit you will:

- investigate the environmental issues associated with the reactions, applications and corrosion of metal
- explore the use of metals in chemical cells
- compare and contrast the properties and applications of metals, plastics and new materials
- research the use of chemicals in industry, with an emphasis on the environmental issues.

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

You must pass all three units to get the qualification.

Progression

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

- National 4 Chemistry

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.

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.

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.

APPLIED SCIENCE (SCQF LEVEL 5)

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

This National Progression Award (NPA) provides an overview of the science, technology, engineering and mathematics (STEM) sector. You will develop your knowledge and understanding of biology, chemistry and physics. It will also develop science practical skills. This NPA provides bite-sized chunks of learning that are straightforward for you to study.

The course has four compulsory units which are described below.

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.

Cell Biology

In this unit you will:

- carry out experiments to investigate the cell as the basic unit of life
- investigate the structure and variety of cells and their functions, including DNA, photosynthesis, different types of microorganisms.

Physics: Waves and Radiation

In this unit you will:

- learn about the applications of waves and radiation, as well as the implications for society and the environment
- investigate the key areas of wave properties, light, colour, optical instruments, electromagnetic radiation and sound.

Forensic Science: Applications

In this unit you will:

- learn about the basic techniques of forensic science and develop your skills in biology, chemistry and physics in this DYW context.
- You will also develop basic research and information handling skills.

Assessment

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

- Closed-book class tests
- Open book assessments
- practical work - such as practical experiments
- written work - research assignments and reports

You must pass all outcomes from all the units to gain the course qualification.

Progression

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

- National 5 Biology
- National 5 Chemistry
- National 5 Physics

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. 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. You will also 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 3

Entry to the course

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

- Level 2 Information and Communications Technology

Course Outline

This course aims to help you learn practical skills to create simple digital solutions. You will also learn about today's world of technology. You will learn how to use development software to create simple computer games, animations or applications.

The course has **two** compulsory units.

Building Digital Solutions

In this unit you will:

- become familiar with the features of development software
- use software to build digital solutions such as computer games, animation and other applications.

Information Solutions

In this unit you will:

- become familiar with a range of applications, such as databases and web page creation software, or a range of web-based tools, such as blogs, wikis and online documents
- learn to use these applications to create, share and locate information.

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 for short answer, multiple choice or true/false scenarios.

You must pass both units to gain the course qualification.

Progression

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

- National 4 Computing Science

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. Also, 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.

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, Java Script 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

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.

LEVEL 5 - NATIONAL PROGRESSION AWARD (NPA) GAMES DESIGN AND DEVELOPMENT

Entry to the course

No entry requirements to this course

Course Outline

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 3

Entry to the course

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

- Level 2 English and Communication

Course Outline

This course will help you to develop skills in listening, talking, reading and writing. You will learn how to communicate well in different situations and for different audiences. You will study different types of literature including novels, plays, short stories, poetry and other written materials such as newspapers. You will develop confidence in talking about a range of topics in groups and through individual presentations. You will also learn how to write clearly and effectively for a wide range of purposes and audiences by, for example, writing stories, reports, letters and poems.

The course has **three** compulsory units.

English: Understanding Language

In this unit you will:

- develop reading and listening skills in the context of literature, language and media
- develop skills needed to understand, analyse and evaluate simple texts.

English: Producing Language

In this unit you will:

- develop talking and writing skills in familiar contexts
- develop the skills needed to produce simple texts in both written and oral forms.

English: Literacy

In this unit you will:

- develop reading, writing, listening and talking skills in a variety of forms relevant for learning, life and work
- develop the ability to talk and write about ideas and information with technical accuracy.

Assessment

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

- reading, speaking or listening to texts
- writing simple texts.

You must pass all units to gain the course qualification.

Progression

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

- National 4 English

NATIONAL 4

Entry to the course

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

- Level 3 English

Course Outline

This course helps you understand how language works, and how to use it to communicate ideas and information in English. You will get to use creative and critical thinking to produce ideas and arguments, and to develop critical literacy skills as well as personal, interpersonal and team working skills.

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

English: Analysis and Evaluation

In this unit you will:

- develop listening and reading skills in the contexts of literature, language and media
- develop the skills needed to create and produce straightforward texts in both written and spoken forms.

English: Creation and Production

In this unit you will:

- develop talking and writing skills in familiar contexts
- develop the skills needed to create and produce straightforward texts in both written and spoken forms.

Literacy

In this unit you will:

- develop reading, writing, listening and talking skills in a variety of forms relevant for learning, life and work
- develop the ability to understand straightforward ideas and information presented in speech and writing
- develop the ability to communicate written and spoken ideas and information with technical accuracy.

Added Value Unit: English Assignment

In this unit you will:

- investigate and report on a chosen topic, in speech or writing, and respond to questions on the topic.

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

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 English

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.

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

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*

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

Further education, training or employment in Fashion and Textiles:

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

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

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 3

Entry to the course

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

- Level 2 Social Subjects
- Level 2 Science in the Environment

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.

Geography: Physical Environments

In this unit you will:

- learn how to use maps
- learn about the types of landscape and weather in the United Kingdom.

Geography: Human Environments

In this unit you will:

- find out how to carry out research in geographical contexts
- learn about some key aspects of developed and developing countries.

Geography: Global Issues

In this unit you will:

- learn how to use sources of numerical and graphical information
- learn about key aspects of global geographical and environmental issues.

Assessment

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

Progression

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

- National 4 Geography

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 Add 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 Travel and Tourism
- National 5 Environmental Science

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 Travel and Tourism
- National 5 Environmental Science

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.

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 3

Entry to the Course

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

- National 2 Social Subjects

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 historical sources. You will learn how to talk about and present information on historical developments.

The course has **three** compulsory units.

Historical Study: Scottish

In this unit you will:

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

Historical Study: British

In this unit you will:

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

Historical Study: European and World

In this unit you will:

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

Assessment

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

Progression

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

- National 4 History

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 Medieval, Early Modern or 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 Medieval, Early Modern or 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 Medieval, Early Modern or 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

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/exams.

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

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 through 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

Applications of Mathematics

Why Applications of Mathematics?

Mathematics is important in everyday life, allowing us to make sense of the world and manage our lives. You will learn how to model real-life situations and make connections and informed predictions. You will develop the skills to interpret and analyse information, simplify and solve problems, assess risk, and make informed decisions. These skills will make you valuable to future employers.

NATIONAL 3

Entry to the course

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

- Level 2 Mathematics

Course Outline

As well as being an important subject in its own right, Mathematics is vital for many other subjects, particularly in science and engineering. This course will help you to acquire mathematical and numerical skills and apply them in a variety of real-life situations. You will develop thinking skills and gain experience in making informed decisions. The course includes the freestanding Unit in Numeracy at SCQF level 3.

The course has **three** compulsory units.

Applications of Mathematics: Manage Money and Data

In this unit you will:

- learn how to manage money and data in real-life situations
- build on your mathematical and numerical skills to learn about the kinds of things that affect income and expenditure, budgeting and saving
- learn how to organise, present and interpret data.

Applications of Mathematics: Shape, Space and Measures

In this unit you will:

- apply your skills, knowledge and understanding of shape, space and measures in real-life situations
- build on your mathematical and numerical skills by using measures and elementary geometry to tackle real-life situations.

Numeracy

In this unit you will:

- develop your numerical and information handling skills to solve simple, real-life problems involving number, money, time and measurement
- learn how to use your knowledge of number processes, information handling and probability to make informed decisions.

Assessment

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

- practical work - handling money
- written work - spreadsheets and worksheets
- projects
- class-based exams.

You must pass all the units to gain the qualification.

Progression

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

- National 4 Mathematics

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 3

Entry to the course

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

- Level 2 Social Subjects

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 locally, in Scotland, the UK and internationally. You will also find out some of the ways societies deal with conflict, and learn about basic human rights and responsibilities.

The course has **three** compulsory units.

Modern Studies: Democracy in Scotland the United Kingdom

In this unit you will:

- learn how to use sources of information to identify accuracy and bias
- develop a basic knowledge of aspects of democracy and the political system in Scotland and the UK
- choose to study aspects of either democracy and the political system in Scotland or democracy and the political system in the UK in more depth.

Modern Studies: Social Issues in the United Kingdom

In this unit you will:

- learn how to use sources of information to make basic decisions
- develop a basic knowledge of aspects of social issues in the UK
- choose to study aspects of either social inequality or crime and the law in the UK.

Modern Studies: International Issues

In this unit you will:

- learn how to use sources of information to draw basic conclusions
- develop a basic knowledge of aspects of international issues
- choose to study either socio-economic and political aspects of a significant world power or a recent world issue.

Assessment

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

Progression

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

- National 4 Modern Studies

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, with the 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 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

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 3

Entry to the course

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

- Level 2 Performance Arts

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 create and perform music, developing your performing skills on two instruments, or on one instrument and voice.

You will also develop your skills in composing music, and learn about the kinds of things that influence composers and their work.

The course has **three** compulsory units.

Music: Performing Skills

In this unit you will:

- develop performing skills on two selected instruments, or on one selected instrument and voice
- learn how to play music accurately while maintaining the musical flow
- reflect on your own performing skills.

Music: Composing Skills

In this unit you will:

- learn about music styles and concepts and use this knowledge when creating your own music
- experiment with and use compositional methods and simple music concepts in imaginative ways
- reflect on your own creative choices and decisions and those of others.

Understanding Music

In this unit you will:

- listen to a range of music and music styles in order to develop your understanding of music concepts
- learn how to distinguish between different music styles and sounds
- learn how to identify and recognise simple music signs and symbols used in music notation.

Assessment

Your work will be assessed by your teacher or tutor on an ongoing basis throughout the course. You must pass both units to get the qualification.

Progression

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

- National 4 Music

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.

Physical Education Studies

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 4/5

Entry to the course

Entry is at the discretion of the school but you would normally have experienced success during Core Physical Education in S3.

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 of 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 (NPA) NATIONAL PROGRESSION AWARD

1. NATIONAL PROGRESSION AWARD (NPA) TEAM/INDIVIDUAL SPORT

Team and Individual Sports

Aims

- Develop knowledge and understanding of current philosophies of sport and fitness and their implications.
- Develop knowledge and skills in planning, implementing and evaluating.
- Enhance the candidate's employment prospects

Unit 1 - Sport and fitness: Coaching development (2 credits).

Outcomes:

1. Assess the requirements of participants for participation in sports coaching sessions.
2. Produce plans for a sequence of sports coaching sessions.
3. Prepare resources to ensure safe and effective participation in sports coaching sessions.
4. Prepare participants of the sports coaching session.
5. Deliver a planned sequence of sports coaching sessions designed to improve performance.
6. Evaluate the sports coaching sessions and contribute to recommendations for personnel improvement.

Unit 2 - Officiating and organising (1 credit).

Outcomes:

1. Describe the fundamental controls and procedures in relation to the sporting activity.
2. Officiate in the sporting activity tournament at a recreational level with respect to fundamental controls and procedures.
3. Organise and run the sporting activity tournament at a recreational level.

Unit 3 - Sporting Activity, Participation and Performance (1 credit)

Outcomes:

1. Explain technical skills and the importance of appropriate behaviour and attire in enhancing sporting activity participation and performance.
2. Participate and perform in the sporting activity sessions.
3. Monitor and evaluate progress of personal performance in the sporting activity.

2. NATIONAL PROGRESSION AWARD (NPA) DANCE

This NPA in Dance aims to provide candidates with appropriate skills and knowledge with one mandatory Unit and a range of optional Units which can be tailored to the needs of the individual candidate. The main target group for this award is learners who are interested in dance and the performing arts and would like to progress to further study. The NPA also provides learners with experiences and skills that they can take into the workplace.

Nature and purpose of the award

Essential skills and knowledge appropriate to dance were identified and content and structure agreed. The following skills provide the basis for the new National Progression Award in Dance:

- Performing
- Rehearsing
- Preparing the body
- Development of technique
- Researching
- Planning
- Evaluating
- Working collaboratively

The NPA in Dance has the potential to improve progression to further study, providing learners with relevant experiences which develop skills of self-discipline, professionalism, commitment, collaboration and creative thinking. The award structure and Unit content provides a coherent and progressive curriculum which creates and promotes effective articulation and transition into further and higher education, whilst simultaneously recognising and supporting skills for future employment.

Group Award structure

The NPA in Dance is a 120 hour programme of study in total, which equates to 3 SQA Unit credits. There is one mandatory Unit and two other Units will be selected from an optional section. A minimum of 18 SCQF points (3 credits) is required to achieve the award. The table below shows the framework for the NPA in Dance. Candidates will complete the compulsory unit plus performances in two of the other four areas.

Unit title	Code	SCQF level	SCQF credit points	SQA credit value
Dance: Choreography	FH5T 11	5	6	1
Optional Units — choose two from four				
Dance: Alternative	FH5V 11	5	6	1
or Dance: Alternative (Scotland)	H6N5 11	5	6	1
or Dance: Scottish Step	HJ2W 45	5	6	1
Dance: Classical	FH5W 11	5	6	1
Dance: Contemporary	FH5X 11	5	6	1
Dance: Jazz	FH5Y 11	5	6	1

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, Ophthalmics.

NATIONAL 3

Entry to the course

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

- Level 2 Science in the Environment

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.

The course has **three** compulsory units.

Physics: Electricity and Energy

In this unit you will:

- learn about the different ways that we use electricity and energy, as well as the implications for society and the environment
- investigate the key areas of energy sources, electricity and energy transfer.

Physics: Waves and Radiation

In this unit you will:

- learn about the applications of waves and radiation, as well as the implications for society and the environment
- investigate the key areas of wave properties, light, colour, optical instruments, electromagnetic radiation and sound.

Physics: Dynamics and Space

In this unit you will:

- learn about the impact of dynamics and space, as well as the implications on society and the environment
- investigate the key areas of forces and the solar system.

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

You must pass all three units to get the qualification.

Progression

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

- National 4 Physics

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 Science

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:

- Level 4 Science

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.

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 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](#)
- 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

Practical Woodworking Skills

Why Practical Woodworking Skills?

This course will give you a broad introduction to practical woodworking 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 wood.

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 practical craft. You will learn about the correct use of a range of tools, equipment and materials. 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 environmental issues and good practice in recycling in a woodworking context.

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

Practical Woodworking: Flat-frame Construction

In this unit you will:

- learn how to use woodworking tools
- prepare and produce basic flat-frame woodworking joints and assemblies
- learn to read and follow simple woodworking drawings or diagrams.

Practical Woodworking: Carcase Construction

In this unit you will:

- learn to prepare and produce basic woodworking joints and assemblies suitable for use in carcase construction. This may include working with manufactured board or with frames and panels
- use simple working drawings or diagrams.

Practical Woodworking: Machining and Finishing

In this unit you will:

- learn how to use common machine and power tools
- learn a variety of simple woodworking surface preparations and finishing techniques.

Added Value Unit: Making a Finished Product from Wood

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 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 Practical Woodworking

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 Woodworking

Course Outline

This course will help you develop and enhance your practical, creative and problem solving skills. You will learn about the correct use of a range of tools, equipment and a range of woodworking materials. 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 environmental issues and good practice in recycling in a woodworking context.

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 Woodworking: Flat-frame Construction

In this unit you will:

- learn how to use woodworking tools
- make woodworking joints and assemblies commonly used in flat-frame joinery. Some tasks will involve complex features
- be able to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

Practical Woodworking: Carcase Construction

In this unit you will:

- make woodworking joints and assemblies commonly used in carcase construction. This will involve some complex features and may include working with manufactured board or with frames and panels
- use working drawings or diagrams, including unfamiliar contexts that require some interpretation on the part of the learner.

Practical Woodworking: Machining and Finishing

In this unit you will:

- learn how to use common machine and power tools
- learn a variety of woodworking surface preparations and finishing techniques.

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 – using tools or demonstrating health and safety working practices
- 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

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

APPENDIX: CORE SUBJECT - Physical Education

Purpose and Aims of the Course

Pupils in S4 will follow a programme of work which is varied and essentially practical in nature. Some of the activities will allow for further development of skills already introduced during S1-3. Health and Wellbeing is a theme which extends throughout the programme particularly in the block of work which addresses approaches to self-care and increased understanding of not only physical but mental, emotional, and social wellbeing.

From August until June all pupils will follow a common course as detailed below:

11 different four week blocks covering a vast array of activities from invasion, central net, striking and fielding individual and team games as well as creative and aesthetic activities. Where S4 Physical Education differs from S1-3 is that the pupils will have the opportunity to choose as a class their activity for every block throughout the year.

Pupils will develop their interpersonal and problem-solving skills through individual and team activities. Some activities, by their very nature, will involve pupils working outside. Pupils should be aware of this and be prepared for different weather conditions. Pupils should bring their kit at all times, whether they are injured, ill or otherwise unable to participate. A range of Turnbull PE kit is available for use if needed.

SQA WELLBEING AWARD (LEVEL 3-5)

This Award draws on health and wellbeing experiences and outcomes from the broad curriculum. The focus on wellbeing in this Award helps learners to explore factors that influence personal wellbeing and to make decisions that contribute to improving personal wellbeing. Diversity and respect for difference within health and wellbeing will be explored in the Award. A number of departments within a centre may be able to contribute to the achievement of this Award. The main purpose of the Award is to encourage learners to take a holistic view of wellbeing, looking at connections between mental, emotional, social and physical health. Learners will also have the opportunity to look at different ideas of health and wellbeing at a personal, community, societal or global level. The Award aims to enable learners to:

- develop an understanding of wellbeing
- explore factors that influence wellbeing
- find and use sources of information to understand wellbeing
- present findings from an investigation
- identify choices and make decisions about improving wellbeing
- set targets and make a plan for an activity to improve wellbeing
- undertake an activity to improve wellbeing

This Award offers opportunities for promoting confidence, independent thinking and positive attitudes, and aims to motivate learners to be successful and participate responsibly in the wider community. Wellbeing is central to effective learning and preparation for life and work. The following skills may be developed through the Wellbeing Award, depending on the contexts chosen within the Units:

- investigation, managing information
- presenting and communicating
- decision making
- planning, target setting, reviewing and (at SCQF levels 4 and 5) evaluating
- interpersonal skills and working with others
- task management

Overview of Exploring Wellbeing Unit (6 credit points)

Learners will explore what it means to have a sense of personal wellbeing. Differing views of mental, emotional, social and physical health and wellbeing will be considered. Learners will develop an understanding of personal wellbeing as a holistic concept, influenced by individual, social, global and environmental factors. By looking at different sources of information, learners will find out about factors that influence wellbeing. Learners will also develop the ability to assess the usefulness of the information to help them make informed choices about wellbeing. Learners will undertake an investigation into wellbeing and present their findings in a suitable way.

Overview of Improving Wellbeing Unit (6 credit points)

Learners will undertake an activity aimed at improving the wellbeing of themselves and/or others. They will set targets and carry out a plan for improving wellbeing and will evaluate and review the planned activity. This will include a review of how the task has impacted on their personal wellbeing.

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.

Through this curriculum young people develop the four capacities of and attributes of Curriculum for Excellence. They 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.

Central to Catholic Christian faith is the person of Jesus Christ whose invitation to all people to live life in all its fullness presents the challenge which lies at the heart of religious education. This department seeks to ensure pupils are appropriately equipped with the skills of critical thinking and analysis in searching for meaning in life.

The broad themes examined in S4 will include:

- Informed Conscience
- The Dignity of the Human Person
- The Life of Jesus
- Life Matters / Abortion
- Issues of War and Peace
- Scripture and Church Teaching
- Called to Love
- Sacraments
- Salvation