

Baldragon Academy



Choosing Courses in S4

Course Choice

Information Booklet

2019-20

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An Introduction for Parents

The aim of this booklet is to help you support your child in making subject choices as they move from S3, the Broad General Education into the Senior Phase.

Pupils in Baldrigon Academy have already chosen a broad range of subjects in S3 from across the curriculum areas of Science, Social Studies, Technologies and Expressive Arts. From these they will now choose subjects for S4 and study for National Qualifications. These are in addition to the core subjects of Mathematics, English, Social Education (PSE), Physical Education (PE) and Religious Education (RME), which everyone must study.

The course choice for S4 pupils enables progression from the Broad General Education into a wide variety of different education and employment pathways. The choices are designed so that pupils can choose appropriate levels of courses across a wide variety of curriculum areas. Towards the end of S4, if pupils are remaining in school, they will make further choices from what they have studied in S4 to take into S5.

An Introduction for Pupils

As you are now coming to the end of your broad general education, you must make choices for qualifications in the senior phase of your education.

In S3 you studied a wide variety of subjects from across 8 curriculum areas (Languages & Literacy, Mathematics & Numeracy, Science, Social Studies, Technologies, Expressive Arts, Religious Education and Health & Wellbeing). In S4, you will continue to study core subjects of English, Mathematics, Social Education, Physical Education and Religious Education. You must also make another 4 subject choices. **These choices must be based on the ones that you made in S3**, eg if you wish to study History in S4, you must have studied it at S3.

During S4 you will, therefore study 6 subjects for National Qualifications at National 3-5 levels. These will be English and Mathematics plus **4 of your choices from the ones you studied in S3**. There is also the opportunity for one of your choices to be a college based course. These are Skills for Work courses and are not based on previous S3 experience. Entry is by interview. However, due to limited progression to S5 within these types of courses, pupils who opt for these should have a strong interest in that kind of work and consider leaving school at the end of S4.

Completing the Option Choice Form

You have been given a copy of the option choice form at Assembly. Forms for S4 pupils include a date and time for you to meet with guidance teachers so that you may choose your subjects and consider how you will progress through the senior phase. Parent/Carers are also invited to attend this meeting. This meeting is very important: getting your choices right is important for your progress and attainment through the senior school. **All of your choices, including reserves, must be based on your S3 subjects.**

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What happens next?

Once pupil choices have been made, they are collated and entered into a database. We hope to be able to give everybody their first choices, but this may not always be possible, for example if there are subject clashes or if classes are under or over-subscribed. If that is the case, we will go to the reserve choices on your option form. This process takes a long time. If your choices cannot be accommodated you will be re-interviewed to review your choices.

USEFUL WEB ADDRESSES

<https://blogs.glowscotland.org.uk/glowblogs/NPF/nationals-in-a-nutshell/>

<http://www.myworldofwork.co.uk/subjectchoices>

http://www.educationscotland.gov.uk/Images/CfE_Parents_Leaflet_tcm4-729868.pdf

<http://baldragon.ea.dundeecity.sch.uk>

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ADMINISTRATION & IT - NATIONAL 4/5



Purpose and Aims

The key purpose of this course is to develop the administrative and IT skills of pupils. The skills developed will enable them to contribute to the functioning of organisations in the ever changing business world of today.

A large part of the course will focus on the practical aspects of working in the administration areas of business today. Pupils will develop a range of generic and subject specific skills, including the ability to use a range of IT packages such as Word Processing, Spreadsheets, Databases, Desktop Publishing and PowerPoint together with the newer social media technologies such as Instant Messaging and Blogs.

Units

NATIONAL 4

- Administrative Practices
- IT Solutions for Administrators
- Communication in Administration
- In addition, pupils will complete an “Added Value” unit. This unit will involve pupils undertaking practical administration and IT based tasks to organise and support a small-scale event.

NATIONAL 5

- Theory
- IT Applications

Assessment

NATIONAL 4

- Assessment of the 3 main units
- Completion of the ‘added value’ unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- Component 1 – Question Paper (50 marks) undertaken during exam diet in May/June
- Component 2 – Assignment (70 marks) completed in class time and sent to SQA for marking
- Final award graded A to D

Homework

All pupils will be expected to complete homework on a regular basis in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading and research tasks.

Progression

Success in National 4 could lead to National 5 Administration & IT.

Success in National 5 could lead to Higher Administration & IT.

Career paths

Administration & IT can lead to a wide range of courses at college and university and a variety of careers in the business world in offices, banks, medical practices, accountants and solicitors offices

ART AND DESIGN - NATIONAL 4



Purpose and Aims

The purpose of this course is to develop pupils' skills, confidence, knowledge and understanding in a wide range of art and design areas. Through successful completion of this course, learners will develop a range of important and transferrable skills. In addition to developing their own skills using a wide range of media, they will develop their understanding and appreciation of other artists and designers' work. Pupils will be reflective of their own development through self-evaluation. They will also be supported in developing their research and communication skills.

Units

Pupils will study two main units. They can choose the areas of study within the two units:

- **Expressive** (*options include portraiture, still life and landscape*)
- **Design** (*options include graphics, jewellery, textiles, fashion and product design*)

In addition, they will complete an 'Added Value' unit. This involves producing a 'folio' of final pieces of expressive and design work that is inspired by the coursework developed throughout the two main units. Pupils will also study the work of other artists and designers.

Assessment

- Unit by unit assessment of 2 main units
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include researching and developing ideas through drawing and other media.

Progression

Success in National 4 could lead to National 5 Art and Design.

Career Paths

Art and Design can lead to a wide range of courses at college and university and a variety of careers such as:

Animation

Game design

Jewellery Design

Architecture

Graphic Design

Product Design

Costume and Theatre Design

Illustration

Sculpture

Fashion Design

Interior Design

Teaching

ART AND DESIGN - NATIONAL 5



Purpose and Aims

The purpose of this course is to develop pupils' skills, confidence, knowledge and understanding in a wide range of art and design areas. Through successful completion of this course, learners will develop a range of important and transferrable skills. In addition to developing their own skills using a wide range of media, they will develop their understanding and appreciation of other artists and designers' work. Pupils will be reflective of their own development through self-evaluation. They will also be supported in developing their research and communication skills.

Folios

Pupils will create two folios of work. The folios are worth 80 % of the overall National 5 Art and Design award. Pupils will select their areas of study for the two folios.

- **Expressive Folio** (*options include: portraiture, still life and landscape*)
- **Design Folio** (*options include: graphic design, jewellery, textiles, fashion and product design*)

Written Exam

The written exam requires pupils to study and analyse works by a range of artists and designers. The exam lasts 90 minutes and is worth 20% of the overall National 5 award.

Assessment

- Expressive and Design Folios sent to SQA in May for external assessment
- 90 minute SQA written exam analysing the work of studied artists and designers
- Final award graded A to D

Homework

All pupils will complete homework in order to reinforce and develop learning, understanding and skills. Homework will include researching and developing ideas through drawing and other media. Pupils will also receive written homework and revision tasks for practice exam questions.

Progression

Success in National 5 could lead to Higher Art and Design.

Career Paths

Art and Design can lead to a wide range of courses at college and university and a variety of careers such as:

Animation

Game design

Jewellery Design

Architecture

Graphic Design

Product Design

Costume and Theatre Design

Illustration

Sculpture

Fashion Design

Interior Design

Teaching

BIOLOGY - NATIONAL 4/5

Why study Biology?

Biology is a fascinating subject to study and can lead on to a variety of rewarding career paths. Biology is the 'science of life' and as such involves the study of areas such as animals, people and plant life.

Purpose and Aims



The aims of the course are to develop

- knowledge and understanding of biology
- an understanding of biology's role in scientific issues and relevant applications of biology in society and the environment
- scientific inquiry and investigative skills
- the use of technology, equipment and materials in practical scientific activities

Units

There are 3 main units

- Cell Biology
- Multicellular Organisms
- Life on Earth

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading, research and IT based tasks.

Assessment

National 4

National 5

Unit assessment

Investigation, written questions and problem solving

Assessment 20 %

Added Value Unit

Open book Investigation on a biological topic. No more than 2 hours to present information previously gathered.

Exam 80% of final mark.

SQA exam

No exam. Grade awarded - pass or fail

Grade awarded A-D

Progression

Success in National 4 could lead to National 5 Biology or National 4 in other science subjects.

Success in National 5 could lead to Higher Biology or National 5 in other science subjects.



Career paths



Biology can lead to a wide range of courses at college and university and a variety of careers such

Doctor
Vet

Nurse
Forensic Scientist

Teacher
Laboratory technician

Research scientist
Marine Biologist

Environmentalist
Dentist

BUSINESS - NATIONAL 4



Purpose and Aims

The purpose of this course is to develop pupils' understanding of the way in which businesses operate in the current dynamic, ever changing, competitive and economic environments of today. It is also designed to encourage enterprising ideas and attitudes. This is done through enabling pupils to gain an understanding of why and how individuals set up in business and how businesses are run. To this end the course is practical and experiential in nature and develops a wide range of skills for learning, life and work. The course also enables pupils to demonstrate simple business planning and decision making while encouraging enterprising and problem solving skills and attributes through practical activities and investigation of real-life business situations.

Units

The 2 main units which will be studied are:

- Business in Action
- Influences on Business

In addition pupils will complete an 'Added Value' unit. This involves pupils preparing a simple business proposal for an aspect of a new small business, making use of appropriate technology where applicable.

Assessment

NATIONAL 4

- Assessment of the 2 main units
- Completion of 'added value' unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading and research tasks.

Progression

Success in National 4 Business could lead to National 5 Business Management.

Success in National 5 Business Management could lead to Higher Business Management.

Career paths

Business Management can lead to a wide range of courses at university and college. It can also lead to a variety of careers in business, banking, accounting, management both at home and overseas.

BUSINESS MANAGEMENT - NATIONAL 5



Purpose and Aims

Business Management builds on the skill, knowledge and understanding gained in Business National 4 and acts as an introduction to the business world.

The main purpose of the course is to highlight the ways in which organisations operate and the steps they take to achieve their goals. This is done through the study of the different aspects which make up a business organisation. (See unit titles below)

The course aims to develop a wide range of skills for learning, life and work through active learning in real-life contexts. These skills include employability skills such as flexibility, adaptability, reliability and working with others as well as numeracy, literacy and ICT skills.

Units

The 3 main units which will be studied are:

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

Assessment

NATIONAL 5

- Completion of course assessment using 2 components
 - Component 1 – Question Paper (90 marks). The question paper will be set and marked by the SQA and sat during the May/June exam diet.
 - Component 2 – Assignment (30 marks). The assignment will be set by SQA, completed under supervision in school and then sent to SQA for marking.
- Final award graded A-D

Homework

All pupils will be expected to complete homework on a regular basis in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading and research exercises.

Progress

Success in National 5 Business Management could lead to Higher Business Management.

Career paths

Business Management can lead to a wide range of courses at university and college. It can also lead to a variety of careers in business, banking, accounting, management and industry both at home and overseas

CHEMISTRY - NATIONAL 4/5

Purpose and Aims

Chemistry is the study of the matter of which our universe is made. It is a discipline of science and sits well with the other sciences, biology and physics. The purpose of the course is to develop pupils' knowledge and understanding of



- Atomic theory and how atoms and molecules bind together,
 - How chemistry is an essential to our understanding of nature,
 - And how our society is dependent on chemistry and has been wonderfully enhanced by chemical discoveries and technology.
- To that end there are opportunities for practical work, and we develop scientific enquiry and investigative skills. Pupils also learn to evaluate, to analyse and to solve practical problems. Theories and results have to be communicated and this develops presentation and literacy skills. These skills are all transferable and will enhance a pupils' general education.

Units

Three main units are covered: Chemical changes and structure, Nature's Chemistry and Chemistry and Society. The "Added Value Unit" gives pupils the opportunity to demonstrate challenge and application in skills of scientific enquiry, investigation, analytical thinking and knowledge and understanding.



Assessment

<u>National 4</u>	<u>National 5</u>
<ul style="list-style-type: none">• End of unit assessment• The added value unit will be an open book assessment where pupils will present the outcome of their study – carried out under exam conditions• Award given is pass or fail.	<ul style="list-style-type: none">• Assignment – 20 marks. (Externally marked)• An SQA exam consists of 80% of the final mark.• Awards are given grade A-D.

Homework

All pupils will be expected to complete all homework assignments. These are designed to reinforce work carried out in class, to allow pupils to assess their own progress; and to allow staff to assess each pupils' learning. Pupils are expected to take a responsible attitude towards homework.

Progression

From National 4 chemistry pupils have the option to move on to National 5, and then to Higher Chemistry. National 5 pupils have the option to move onto Higher Chemistry and then Advanced Higher Chemistry

Career Path

A qualification in chemistry can lead to careers such as medicine; scientific research; manufacturing industry; engineering; dentistry; veterinary surgeon; environmentalist; ecologist; teacher etc. Many of the skills developed in chemistry are used in many other careers which are not "scientific", such as accountancy, law or management.

COMPUTER GAMES DESIGN: NPA Award Level 4/5



Purpose and aims

The purpose of the course is to meet the SQA criteria for the relevant National Progression Award. The course aims to deliver an experience of software development specifically geared toward games design. The course will develop pupil's skills in areas such as problem solving, ICT, collaboration and leadership along with key areas of numeracy and literacy. Pupils should complete the course with a wider understanding of the games industry as a whole and in particular the games industry in Scotland.

Units

Design – We will look at the games you play and what makes them so enjoyable. We will examine the technology we use to play and how it impacts our experience. We will take these aspects of game design and apply them to designing games of our own.

Media Assets – Graphics, sound effects, music and more. Media assets provide the shine and glamour we know and love from the AAA titles we play every day. The development of gaming technology has meant media assets are now more realistic than ever. We will examine the process of developing and creating these assets for ourselves.

Development – During this unit we will take the knowledge we have gained and use it to begin development of our own games. Using YoYo Game's Gamemaker software we will design and develop our own games following the software development process. Gamemaker is a powerful tool able to produce games for sale currently on the Steam workshop.

Assessment

Assessment is ongoing throughout the course and is entirely coursework based. Assessment tasks will be broad and varied aiming to demonstrate learning gained throughout the course. There is no formal examination.

Homework

Homework will be provided to consolidate learning or to facilitate differentiation and catch up on work missed.

Progression

The course is offered at level 4 and 5. Each level offers progression on to the level above. Progression in S5/6 to level 5 or 6. NPA awards are considered for progression on to relevant NQ/HNC/HND and degree level courses.

Career Paths

- Animator
- Applications developer
- Game designer
- Games developer
- Graphic designer
- Multimedia programmer
- Software engineer
- VFX artist

COMPUTING SCIENCE - NATIONAL 4/ 5



Why study Computing?

Our daily lives are driven by technology, whether at work, shopping, chatting, driving, dancing and practically every other activity we engage in relies to some extent on Computer Science.

Computing skills are therefore highly valued and drive innovation – in medicine, engineering, business, science, entertainment and education to name a few.

Computing jobs are among the best paid and have the highest job satisfaction. There is a huge shortage of good, qualified Computing professionals in many places; Scotland, the rest of the UK, Europe and beyond!

Use the knowledge and skills you gain to give you entry to a wide variety of specialist courses available at universities such as Computing Science, Software Engineering, Computer Games Design, Computer Security and Ethical Hacking, or to secure places on courses as diverse as Dentistry, Law, Languages, Mathematics, Marine Biology, Medicine and Engineering.

Units

National 4 and National 5

Software Design and Development

- Develop an understanding of programming and its importance in the modern world through the process of designing, writing and testing your own programs
- Expand your knowledge by learning a new programming language.
- Learn the different ways that a computer deals with the programs you write when it only ‘understands’ the binary number system.
- Discover how to catch errors and deal with them before they cause major problems.

Information System Design and Development

- Learn about different types of information systems including web pages
- Find out about scripting and html used within information systems
- Learn about different types of network
- Discover more about hardware and software
- Find out about different ways of storing data including ‘the cloud’

Assessment

To be awarded the **National 4** Computing Science qualification, learners must pass the two core Units and the Added Value Unit. There is no external exam and it is graded Pass or Fail.

At **National 5** there will be an external exam and course assessment produced by the SQA. The course assessment accounts for 31 % of the pupils overall mark and the exam 69 %. Grades from A to D are awarded to successful pupils.

GEOGRAPHY - NATIONAL 4/5



Purpose and Aims

The purpose of this course is to develop pupils' knowledge and understanding of our world; they will learn about the physical environment around them and how people live in and use that environment. To aid that understanding there will be opportunities for practical activities, including fieldwork.

Geography is studied at a range of scales from local to global. It draws upon both the natural and social sciences and therefore has links with many other disciplines.

Through successful completion of this course, learners will develop a range of important and transferrable skills: they will be able to use, interpret and explain geographical information, maps and data, as well as develop their research and communication skills.

Units

3 main units are studied: Physical Environments, Human Environments and Global Issues.

In addition pupils will complete an 'Added Value' unit. This involves researching a topic in the local area and gathering fieldwork data which will then be collated, analysed and written up.

Assessment

NATIONAL 4

- Unit by unit assessment of 3 main units
- Completion and write up of fieldwork 'added value' unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- 1 hour controlled assessment , writing up elements of the field work assignment
- SQA end of year exam
- Final award graded A to D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading, research and IT based tasks.

Progression

Success in National 4 could lead to National 5 Geography.

Success in National 5 could lead to Higher Geography.

Career paths

Geography can lead to a wide range of courses at college and university and a variety of careers such as:

Aid worker

Armed forces

Cartographer

Charity fundraiser

Conservation worker

Engineer

Forestry manager

GIS specialist

Holiday rep

Housing officer

Surveyor

Teacher

Tourist information

Town planner

Transport manager

Travel agent

Weather forecaster

HISTORY - NATIONAL 4/5

“A people without the knowledge of their past history, origin and culture is like a tree without roots”

Marcus Garvey



Why choose history?

The Study of History encourages pupils to develop an awareness and understanding of the society and world in which they live. The essential skills, (Knowledge, Understanding, Enquiry, Critical Thinking and Communication), should foster the ability to make balanced judgements and decisions on past and contemporary issues.

Purpose and Aims

In History, learners develop their understanding of the world by learning about other people and their values, in different times, places and circumstances.

The National History Course will encourage learners to develop important attitudes, including: an open mind and respect for the values, beliefs and cultures of others; openness to new thinking and ideas and a sense of responsibility and global citizenship.

History contributes to learners’ understanding of the society in which they live and work by helping them to develop a map of the past and an appreciation and understanding of the forces which have shaped the world today.

Units

6 main units are studied:

1. Changing Britain 1760-1914
2. The Era of “The Great War”
3. The Red Flag Lenin and the Russian Revolution
4. Modern Britain
5. The USA
6. Migration and Empire

This is dependant upon which class you’re allocated and which column you are placed in.

In addition pupils will complete an ‘Added Value’ unit.

Homework

All pupils are expected to revise and study at home on a regular basis. Homework will be varied: research, practice questions, completion of class work, producing presentations, using online materials.

Progression

Success in National 4 could lead to National 5 History, National 4 Courses in other social science subjects, Skills for Work Courses, Employment/Training, College courses.

Success in National 5 could lead to Higher History, National 5 Courses in other social science subjects, Skills for Work Courses, Employment/Training, College courses.

Assessment

NATIONAL 4

- Unit by unit assessment of 3 main units
- Completion and write up of research-based ‘added value’ unit
- All units internally assessed
- No end of year exam
- **Awarded on a pass/fail basis**

NATIONAL 5

- 1 hour controlled assessment , writing up elements of the research-based assignment
- SQA end of year exam – 2 hours 20 minutes
- **Final award graded A to D**

Career Paths

History can lead to a wide range of courses at college and university and a variety of careers such as:

Historian	Archaeologist	Museum Curator	Art Historian	Civil Servant	Librarian	Lawyer
Doctor	Armed Forces	Investment Banker	Marketing	Teacher	Police Officer	Politician
Town Planning	Aid Worker	Community Education	Social Worker	Sociologist	Trade Union Work	
NHS Administration		Social Researcher				

HOME ECONOMICS - HEALTH AND FOOD TECHNOLOGY - NATIONAL 4/5



Purpose and Aims

The Course allows learners to:-

- develop knowledge and understanding of the relationships between health, food and nutrition
- develop knowledge and understanding of the functional properties of food
- make informed food and consumer choices
- develop the skills to apply their knowledge in practical contexts
- develop organisational and technological skills to make food products
- develop and apply safe and hygienic practices in practical food preparation

The skills developed in this course will allow learners to work both independently and collaboratively.

Learners should be able to transfer these skills to learning, life and work.

Units

3 main units are studied:

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

Assessment

NATIONAL 4

- Unit by unit assessment of 3 main units
- 'Added value unit' Learners will produce a food product in response to a given brief.
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- Assignment Learners will plan and develop a food product (60 marks for course)
- SQA end of year exam (60marks for course)
- Final award graded A-D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills.

Progression

Success in National 4 could lead to National 5 Health and Food Technology.

Success in National 5 could lead to Higher Health and Food Technology.

Cost

As with all Home Economics courses there is an element of practical food work and therefore learners will be expected to contribute to the cost of food they make. The charge will be £1 for each dish made.

Career Paths

Home Economics can lead to a wide range of careers such as:-

<i>Advertising</i>	<i>Counselling</i>	<i>Customer Services</i>	<i>Catering and Hotel Management</i>
<i>Dietician</i>	<i>Energy Advisor</i>	<i>Food Scientist</i>	<i>Environmental Health Officer</i>
<i>Health Promotion</i>	<i>Media</i>	<i>Chef/Baker</i>	<i>Nutritionist</i>
<i>Play Worker</i>	<i>Social Services</i>	<i>Public Relations</i>	<i>Retail Management</i>

HOME ECONOMICS - HOSPITALITY PRACTICAL COOKERY COURSE - NATIONAL 4/5



Purpose and Aims

This course enables learners to develop cookery related knowledge, understanding and skills and to use them at home, in the wider community and ultimately, in the world of work.

The course has a significant amount of practical work which is supported by related theory. Practical work will allow learners to develop organisational and cookery skills. They will understand the uses of ingredients in the cookery process. They will extend their knowledge current dietary advice and safety and hygiene.

The course is designed for those who are interested in food and who enjoy being creative with food.

Units

3 main units are studied:

- Cookery Skills and Processes
- Understanding and Using Ingredients
- Organisational Skills for Cookery
- In addition pupils will complete an 'Added Value' unit. This involves the pupils in making a 2 course meal in a prescribed amount of time.
- At National 5 there is a 2½ hour practical examination to prepare a 3 course meal.

Assessment

NATIONAL 4 (S4)

- Unit by unit assessment of 3 main units
- Completion of 'Added Value' unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5 (S5-S6)

- Component 1 – Question Paper
- Component 2 – Assignment
- Component 3 – Practical Activity
- Course is graded A-D taking all 3 components

Homework

Learners will be expected to practice skills at home. They should also read and follow recipes to develop an understanding of subject specific terms.

Progression

Success in National 4 could lead to National 5 Hospitality Practical Cookery

Success in National 5 could lead to other qualifications in Hospitality or related areas or employment or training

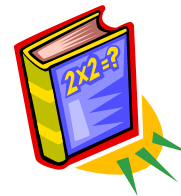
Cost

As with all Home Economics courses that involve practical cookery there will be a cost of £55.00 (S4) or £60.00 (S5/6) a year which can be paid all at once or in instalments. This is to partly cover the cost of ingredients used during the course.

Career Paths

How many times have Home Economics teachers heard "You only take practical cookery if you want to be a Chef". This is a misconception. The Practical Cookery course allows young people to develop transferable skills (time management, organisational, practical, communication, working with others, etc). The Hospitality industry is one of the fastest growing employers whether full time or part-time while you complete your further education.

MATHEMATICS - NATIONAL 4/5



Purpose and Aims

Mathematics is rich and stimulating. It engages and fascinates learners of all ages, interests and abilities. Learning mathematics develops logical reasoning, analysis, problem-solving skills, creativity, and the ability to think in abstract ways. It uses a universal language of numbers and symbols, which allows us to communicate ideas in a concise, unambiguous and rigorous way. Through successful completion of this course, learners will develop a range of important and transferrable skills: they will be able to use, interpret and explain geographical information, maps and data, as well as develop their research and communication skills.

Units

There are 3 main units studied: “Expressions and Formulae” and “Relationships” are covered by both National 4 and National 5. The third unit of National 4 is “Numeracy” and for National 5 the third unit is “Applications”.

In addition pupils will complete an ‘Added Value’ unit. Both Added Value units comprise two paper assessments, (one calculator and one non-calculator). For National 4 the Assessment is internally marked, whereas for National 5 there will be an external assessment provided by the SQA.

Assessment

NATIONAL 4

- Unit by unit assessment of 3 main units
- An Added Value unit internal assessment
- Awarded on a pass/fail basis

NATIONAL 5

- There are no Unit assessments at National 5
- SQA end of year exam
- Final award graded A to D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading, research and IT based tasks.

Progression

Success in National 4 could lead to National 5 Mathematics.

Success in National 5 could lead to Higher Mathematics.

Career Paths

Mathematics equips us with many of the skills required for life, learning and work. Understanding the part that mathematics plays in almost all aspects of life is crucial. This reinforces the need for mathematics to play an integral part in lifelong learning and be appreciated for the richness it brings. Mathematics can lead to a wide range of courses at college and university and a variety of careers such as:

Mechanic

Entrepreneur

Researcher

Engineering

Architect

Technician

Mathematician

Banker

Joiner

Statistician

Broker

Cashier

Accountant

Teacher

Book Keeper

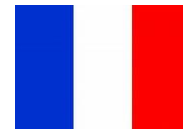
Computer Scientist

Astro-Physicist

Sciences

Programmer

Medical Science



Purpose and Aims

The main purpose of the Course is to develop the skills of reading, listening, talking and writing in order to understand and use a foreign language.

This Course offers learners opportunities to develop and extend a wide range of skills. In particular, the Course aims to enable learners to develop the ability to:

- Read, listen, talk and write in a modern language.
- Understand and use a modern language
- Apply knowledge and understanding of a modern language

The Course contributes towards the development of literacy skills by providing learners with opportunities to reflect on how a modern language relates to English.

Units

The Courses comprise mandatory units: National 4 has three units and National 5 has two.

NATIONAL 4

- Understanding Language
- Using Language
- Added Value Unit: Assignment

NATIONAL 5

- Understanding Language
- Using Language

Assessment

NATIONAL 4

- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- Assessed piece of writing (12.5 % of Final Grade)
- The Performance (speaking test) internally marked (25 % of Final Grade)
- SQA end of year exams (62.5 % of Final Grade)
- Final award graded A to D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning and understanding. Homework will vary and include learning vocabulary, written exercises, reading, research and IT based tasks.

Progression

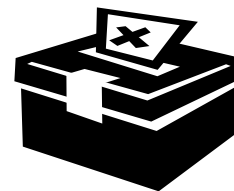
Success in National 4 could lead to National 5 in Modern Languages.

Success in National 5 could lead to Higher Modern Languages.

Career paths

Learning a modern language can lead to a wide range of courses at college and university, and a variety of careers such as: travel/tourism & hospitality, local and international media, law, journalism, marketing, scientific research, business, secretarial work, communications and sports writing to name just a few. Many popular University courses list a Higher in a Modern Language as one of their entry requirements, so you may wish to research this if you plan to attend University.

MODERN STUDIES - NATIONAL 4/5



Purpose and Aims

The purpose of this course is to develop pupils' knowledge and understanding of contemporary issues; they will learn about contemporary political and social issues at a local, Scottish, United Kingdom and International contexts. To aid that understanding there will be opportunities for practical activities, including research, both inside and outside of school.

Modern Studies is studied at a range of scales from local to global. It draws upon aspects politics, sociology and economics as well as ideas from the other social sciences and therefore has links with many other disciplines.

Through successful completion of this course, learners will develop a range of important and transferrable skills: they will be able to use a range of research and information handling skills as well as developing their written, analytical and communication skills.

Units

3 main units are studied:

- Democracy in the UK
- Crime and the Law
- World Issue: International Terrorism.

In addition pupils will complete an 'Added Value' unit. This involves researching information relating to a Modern Studies topic or issue which will then be collated, analysed and written up.

Assessment

NATIONAL 4

- Unit by unit assessment of 3 main units
- Completion and write up of research-based 'added value' unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- 1 hour controlled assessment , writing up elements of the research-based assignment
- SQA end of year exam
- Final award graded A to D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading, research and IT based tasks.

Progression

Success in National 4 could lead to National 5 Modern Studies.

Success in National 5 could lead to Higher Modern Studies.

Career paths

Modern Studies can lead to a wide range of courses at college and university and a variety of careers such as:

Aid worker

Armed forces

Civil servant

Community education

Consumer protection

Local government

Marketing

NHS administration

Police officer

Politician

Social worker

Social researcher

Sociologist

Teacher

Town planning

The media and advertising

Trade union work

MUSIC - NATIONAL 4/5

What are the aims of the NAT 4/5 music course?



National 4/5 music courses are practical, experiential and fun and enable you to develop performing and creating skills. Through these integrated activities you will reinforce your listening skills as you develop your knowledge of music concepts and music literacy. There are opportunities for personalisation and choice and to develop your skills using music technology.

In addition to music skills you will learn and develop other ones including:

Communication
Problem Solving

Self Reflection
ICT

Organisational
Working with others

Research shows that by studying music you become more confident, a more independent learner and a creative thinker.

NATIONAL 4

What will I be studying in NAT 4?

NAT 4 consists of **three compulsory units** and **one added value unit**. **All units within NAT 4 are internally assessed.**

- **PERFORMING**
You will develop performing skills on two instruments or one instrument and voice.
- **COMPOSING**
You will use your understanding of music to create and develop your own musical ideas through composition, arranging and improvisation. Compositions may be recorded using a range of music technology and/or sound engineering equipment.
- **UNDERSTANDING**
You will develop your understanding of music concepts and literacy by listening, performing and composing music from a wide range of styles including Pop, Scottish, Jazz, World Music and Classical music.
- **ADDED VALUE UNIT**
You will prepare and perform an eight minute programme of music in a solo setting and/or as part of a group. **You will perform your programme to your teacher.**

What homework will I do?

You will develop your performing skills in class and will have the opportunity to borrow instruments to practise at home. You will revise your concepts using you tube activities, websites and revision DVDs. You will be able to access the music department during lunchtimes and after school to complete any given homework.

What can I do after NAT 4?

Pupils who successfully complete NAT 4 can progress on to NAT 5.



NATIONAL 5

What will I be studying in NAT 5?

NAT 5 consists of **three components**. The **final assessment** consists of **performing to an examiner** and sitting a **question paper** based on concepts covered in the course and a composition assignment.

- **PERFORMING**

You will develop performing skills on two instruments or one instrument and voice.

- **COMPOSING**

You will complete a composing assignment. You will use your understanding of music to create and develop your own musical ideas through composition, arranging and improvisation. Compositions may be recorded using a range of music technology and/or sound engineering equipment.

- **UNDERSTANDING**

You will develop your understanding of music concepts and literacy by listening, performing and composing music from a wide range of styles including Pop, Scottish, Jazz, World Music and Classical music.



Performance Exam – 50 %
Listening Exam – 35 %
Composing Assignment – 15 %

What homework will I do?

You will develop your performing skills opportunity to borrow instruments to revise your concepts using you tube DVDs. You will be able to access the lunchtimes and after school to complete



in class and will have the practise at home. You will activities, websites and revision music department during any given homework.

What can I do after NAT 5?

Pupils who successfully complete NAT 5 may progress on to Higher.

Career Paths

Composer
Instrumental Teacher
Multimedia Designer
Music Critic
Music Journalist
Music Teacher
Music Therapist
Performer
Sound Engineer



MUSIC TECHNOLOGY - NATIONAL 4/5

What are the aims of the NAT 4/5 Music Technology course?



National 4/5 Music Technology courses are practical, experiential, fun and enable you to develop your knowledge and understanding of music technology and concepts relating to 20th and 21st century music. You will be using music technology hardware and software to manipulate audio as well as developing a broad understanding of the music industry. There are opportunities for personalisation and choice and to develop your skills using music technology. There is **NO PERFORMANCE** element in the Technology course.

In addition to technology skills you will learn and develop other ones including:

- | | | |
|-----------------|-----------------|---------------------|
| Communication | ICT | Organisational |
| Problem Solving | Self Reflection | Working with others |

Research shows that by studying music you become more confident, a more independent learner and a creative thinker.

NATIONAL 4

What will I be studying in NAT 4?

NAT 4 consists of **three compulsory units** and **one added value unit**. **All units within NAT 4 are internally assessed.**

- **UNDERSTANDING 20th AND 21st CENTURY MUSIC**
You will explore and be able to identify a range of concepts related to modern music.
You will explore the influence of music technology on music.
You will develop an understanding of the music industry and explore copyright.
- **MUSIC TECHNOLOGY SKILLS**
Pupils will learn to record musicians, edit and mix recordings and create final tracks.
- **MUSIC TECHNOLOGY IN CONTEXT**
You will develop technological skills and demonstrate these skills through short activities including:

- | | | |
|---------------|------------|------------------|
| Radio jingles | TV Adverts | Film Soundtracks |
| Gaming music | Ringtones | TV programmes |



You will record **one stereo master assignment** of a piece of music consisting of a **minimum of four parts** which will involve the use of **microphones**. You will show evidence of planning, implementing and evaluating your recording.



What homework will I do?

You will develop your technology skills in class and will be able to access the music department during lunchtimes and after school to complete any given homework.

What can I do after NAT 4?

Pupils who successfully complete NAT 4 may progress on to NAT 5.

NATIONAL 5

What will I be studying in NAT 5?

NAT 5 consists of **two components**. The final assessment consists of a listening paper and two stereo master assignments. Each assignment will consist of a minimum of five parts, which will involve the use of microphones.

You will show evidence of planning, implementing and evaluating your recording. You will also sit a **question paper** based on music technology concepts and those relating to modern music.



Stereo master assignment – 70%
Listening paper – 30%



What homework will I do?

You will develop your technology skills in class and will be able to access the music department during lunchtimes and after school to complete any given homework.

What can I do after NAT 5?

Pupils who successfully complete NAT 5 may progress on to Higher.

Career Paths

Computer Games
Music Producer
Programmer
Radio, TV, Films and Commercials
Sound Designer
Sound Engineer
Studio Manager/Owner
Websites



PHYSICAL EDUCATION - NATIONAL 4/ 5



Purpose and Aims

The main purpose of the course is to develop and demonstrate movement and performance skills in physical activities. By engaging in practical activities, learners can demonstrate initiative, decision-making and problem-solving. This is a practical based course. Learners will participate in 5 activities throughout the year. The activities are likely to be handball, volleyball, swimming, table-tennis and fitness. These are subject to change. Pupils must be prepared to participate in **all** areas of the course in order to pass. The skills, knowledge and understanding that learners acquire by successfully completing this course are transferable to learning, to life and to the world of work.

Units

2 units are studied:

- Performance skills
- Portfolio

In addition pupils will complete an 'Added Value' unit (National 4 only). This involves a performance where pupils will demonstrate their ability to apply skills in a competitive or demanding situation.

The Portfolio will investigate the many factors that come together to create a skilled performance. Pupils will explore these factors in detail and implement what they have learned in their own training and their own performances. The Portfolio will be completed electronically and sent away for external marking from the SQA.

Assessment

The course assessment for National 5 will be split into 2 areas-practical performance and a portfolio. The performance element is worth 50% of the overall grade and the portfolio is worth 50%.

The purpose of the performance is to assess the learner's ability to plan, prepare for, effectively perform, and evaluate personal performance in one physical activity. The context for the performance must be challenging, competitive and/or demanding.

In the portfolio, learners will show evidence of how they have undertaken their own performance improvement programme. Through using various forms of feedback they will show how they identified strengths and weaknesses in their own performance, they will demonstrate some of the actions that they have taken to develop these weaknesses, and finally they will reflect on the process and suggest future improvements.

NATIONAL 4

- Completion of 'added value' unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- Practical Performance assessment (50%)
- Portfolio (50%)
- No end of year exam
- Graded A-D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills.

Progression

Success in National 4 will lead to entry to National 5 Physical Education

Success in National 5 will lead to entry to Higher Physical Education

Career paths

P.E. can lead to a wide range of courses at college and university and a variety of careers such as:

<i>PE Teacher</i>	<i>Sports Coach</i>	<i>Sports Nutrition</i>	<i>Sport, Health & Exercise</i>
<i>Physiotherapy</i>	<i>Sports Journalism</i>	<i>Dance</i>	<i>Personal Trainer</i>
<i>Exercise Physiology</i>	<i>Strength & Conditioning Coach</i>	<i>Sports Marketing</i>	<i>Outdoor Education</i>
<i>Sports Psychology</i>	<i>Active Schools Co-ordinator</i>	<i>Leisure Attendant</i>	<i>Sports Development</i>

PHYSICS - NATIONAL 4/5

"We are just an advanced breed of monkeys on a minor planet of a very average star. But we can understand the Universe. That makes us something very special."

Stephen Hawking



Why choose physics? Are you interested in the limits of space? How does the technology around you work? Whatever you do, the knowledge and skills you gain by studying physics will be useful. However you must be prepared to work hard, ask questions and practice calculations to ensure success in a physics course.

Purpose and Aims



The aims of the course are to develop

- knowledge and understanding of physics.
- an understanding of the role of physics in science, society and the environment and the impact it can have.
- a variety of skills – inquiry, investigative, thinking skills, analysis, planning, independent working, communicating ideas, making scientifically informed choices,
- the ability to use technology, equipment and materials, safely, in practical scientific activities

Units

3 units are studied:

- 1 Dynamics & Space
- 2 Electricity & Energy
- 3 Waves & Radiation.



In addition pupils will complete an assignment at National 5 level or an added value unit at National 4 level

Study

All pupils are expected to revise and study at home on a regular basis. Study materials will be varied: research, practice questions, completion of class work, producing presentations, using online materials.



Progression

Success in National 4 could lead to National 5 Physics, National 4 Courses in other science subjects, Skills for Work Courses, Employment/Training, College courses.

Success in National 5 could lead to Higher Physics, National 5 Courses in other science subjects, Skills for Work Courses, Employment/Training, College courses.

Assessment

NATIONAL 4

NATIONAL 5

Unit Assessment

- Test at the end of each unit
- Experimental write up

- There are no official internal SQA assessments. There will be departmental assessments as a check on progress

Assignment

Open book assessment: Present the results of investigating a topical issue in physics and its impact on society/the environment as the 'added value' unit.

Open book assessment: carry out an experiment, research the physics behind the topic and compare data to internet source. 20 % of overall mark.

SQA Exam

No Exam

External exam = 80% of final grade

Grading

Pass/Fail

A – D

Career Paths

Physics can lead to a wide range of apprenticeships, jobs, courses at college and university:

All types of engineering (Civil, Structural, Surveyor, Sound, Electronic, Mechanical), medical careers (Dentist, Optician, Pharmacist, Technicians) and a whole host of others from car mechanic to computer games designer!



RMPS - NATIONAL 4/5

Purpose and Aims

As we develop as people, it is important to know about the beliefs and values of others in order to understand and appreciate similarities and differences. It is also important to understand why we hold certain beliefs and attitudes. This course aims to teach pupils about the variety of different cultures, religions, philosophies and belief systems within society. Each unit also encourages critical thinking and further develops analysis and evaluation skills.

The course consists of 3 units

- | | |
|--|---|
| Morality and Belief | Pupils investigate moral questions such as: <ul style="list-style-type: none">- Should a society be allowed to use capital punishment? |
| Religious and Philosophical Questions | Pupils examine questions and looks at various responses, religious and non-religious, to these dilemmas. These include: <ul style="list-style-type: none">- Where did the universe originate from?- Does God exist? |
| World Religions | Further study is taken into ONE of the main world religions chosen from e.g. Buddhism OR Islam OR Judaism. Pupils look at what the religion teaches and why its followers behave as they do. Why do we agree or disagree with their ideas and opinions about the big questions in life? |

In addition pupils will use the skills and knowledge they have learned throughout the course to carry out an in-depth investigation into a topic or issue of their choice.

NATIONAL 4

- Unit by unit assessment of 3 main units
- Completion and write up of in-depth investigation 'added value' unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- Unit by unit assessment of 3 main units
- 1 hour controlled assessment 'added value' unit
- SQA end of year exam
- Final award graded A to D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include written exercises, reading, research and IT based tasks.

Progression

Success in National 4 could lead to National 5 RMPS, Philosophy or Psychology.
Success in National 5 could lead to Higher RMPS or Philosophy or Psychology.

Career paths

A good understanding of people, their beliefs, values and customs should be essential in any career choice but the skills and attitudes fostered in RMPS may be particularly applicable in the following career choices. Aid worker, Armed forces, Business Career, Charity fundraiser, Client care, Diversity, Human Resources, Healthcare, Hospitality, Journalism, Law and order, Lawyer, Politics, Psychology, Social Work, teaching, travel industry and many other careers or lead to a wide range of courses at college and university.

TECHNOLOGIES - GRAPHIC COMMUNICATION - NATIONAL 4/5



Purpose and Aims

The Course provides opportunities for learners to gain skills in reading, interpreting, and creating graphic communications. Learners will initiate, develop and communicate ideas graphically. They will develop spatial awareness and visual literacy through graphic experiences.

The Course is practical, exploratory and experiential in nature. It combines elements of recognised professional standards for graphic communication partnered with graphic design creativity and visual impact.

The Course allows learners to engage with technologies. It allows learners to consider the impact that graphic communication technologies have on our environment and society.

The aims of the Course are to enable learners to develop skills in graphic communication techniques, including the use of equipment, materials and software extend and apply knowledge and understanding of graphic communication standards, protocols and conventions, where these apply develop an understanding of the impact of graphic communication technologies on our environment and society.

Units

3 main units are studied: 2D Graphic Communication, 3D and Pictorial Graphic Communication

In addition pupils will complete an 'Added Value' unit. Learners will be able to extend and apply their knowledge and skills through the assignment They will draw on their range of graphic communication experiences from the Units in order to produce an effective overall response to the assignment

Assessment

NATIONAL 4

- Unit by unit assessment of 2 main units
- Completion of assignment 'added value' unit
- All units internally assessed
- No end of year exam
- Awarded on a pass/fail basis

NATIONAL 5

- Assignment
- SQA end of year exam
- Final award graded A to D

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include drawing and written exercises, reading and IT based tasks.

Progression

Success in National 4 could lead to National 5 Graphic Communication.

Success in National 5 could lead to Higher Graphic Communication.

Career paths

Graphic Communication can lead to a wide range of courses at college and university and a variety of careers such as:

Surveyor

Armed forces

Cartographer

Engineer

Town planner

Teacher

Architect

Civil Engineer

Draughtsman

Construction

TECHNOLOGIES – PRACTICAL METALWORKING – NATIONAL 4/5

Purpose and Aims

The Course is practical, exploratory and experiential in nature. It combines elements of technique and standard practice with elements of creativity.

The Course provides opportunities for learners to gain a range of practical skills and to use a variety of tools, equipment and materials. It allows them to plan activities through to the completion of a finished product in wood.

The Course also gives learners the opportunity to develop thinking, numeracy, and employability, enterprise and citizenship skills.

Units

The Course comprises four mandatory Units including the Added Value Unit.

- Bench Skills
- Machine Processes
- Fabrication and Thermal Joining
- Making a Finished Product from Metal (Added Value unit)

Assessment

NATIONAL 4

- Unit by unit assessment of 3 main units
- Completion of assignment 'added value' unit
- All units internally assessed
- No end of year exam

NATIONAL 5

- Completion of course assignment
- End of year exam

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills. Homework will vary and include drawing and written exercises, and reading.

Progression

Success in National 4 could lead to National 5 Practical Metalworking.

Other qualifications in practical technologies or related areas.

Further study, employment and/or training.

TECHNOLOGIES - PRACTICAL WOODWORKING - NATIONAL 4/5



Purpose and Aims

The Course is practical, exploratory and experiential in nature. It combines elements of technique and standard practice with elements of creativity.

The Course provides opportunities for learners to gain a range of practical woodworking skills and to use a variety of tools, equipment and materials. It allows them to plan activities through to the completion of a finished product in wood.

The Course also gives learners the opportunity to develop thinking, numeracy, and employability, enterprise and citizenship skills.

The aims of the Course are to enable learners to develop:

- skills in woodworking techniques
- skills in measuring and marking out timber sections and sheet materials
- safe working practices in workshop environments practical creativity and problem-solving
- skills knowledge of sustainability issues in a practical woodworking context.

Units

The Course comprises four mandatory Units including the Added Value Unit.

The three units are Flat Frame Construction, Carcase Construction and Machining & Finishing. The added value unit is Making a Finished Product from Wood.

Assessment

NATIONAL 4

- Unit by unit assessment of 3 main units
- Completion of assignment 'added value' unit
- All units internally assessed
- No end of year exam

NATIONAL 5

- Completion of course assignment
- End of year exam

Homework

All pupils will be expected to complete homework in order to reinforce and develop learning, understanding and skills.

Homework will vary and include drawing and written exercises, and reading.

Progression

Success in National 4 could lead to National 5 Practical Woodworking.

Success in National 5 could lead to National 5 Practical Metalwork.

Career Paths

Practical woodworking can lead to a wide range of courses at college and university and a variety of careers such as

Joiner

Plumber

Welder

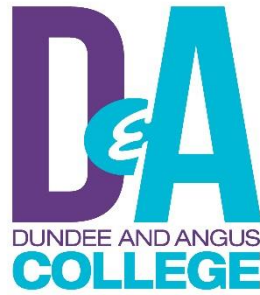
Engineer

Mechanic

Apprentice

Electrician

Construction



Baldrigon Academy
S4 College Partnership

Option Choices
2019-20

Skills for Work: Automotive Skills National 4

Course Title	Skills for Work: Automotive Skills
Level	National 4
Campus	Kingsway
Days	Monday and Wednesday 2-4 pm
Start Date	May 2019
End Date	April 2020

Units to be completed

Mandatory Units
The Garage
The Technician
The Car
The Vehicle Modification Project

Progression Pathways

- SVQs and Modern Apprenticeships in Motor Vehicle Engineering – Day release
- Motor Vehicle Engineering – Full time course - Kingsway
- Scottish Progression Award in Engineering (National 5)
- Full time SVQ programmes and Modern Apprenticeships in Engineering areas such as Welding Fabrication, Mechanical Fitting, Machining, Motor Vehicle.
- National Certificate programmes such as Engineering Practice, Engineering Systems.
- Suitable Training/Employment

Course Description

The National 4 Automotive Skills course has been designed to provide an introduction to the automotive industry and a progression route into further education or for moving directly into training or employment within the automotive industry. The overall purpose of the course is to ensure that pupils develop practical skills, knowledge and understanding and employability skills needed within the automotive industry as well as developing generic transferable employability skills.

Unit Contents

Unit	Description
The Garage	This unit introduces pupils to the structure and organisation of the retail automotive industry and the range of job roles and responsibilities within it. Pupils will use a range of research sources and activities to help develop their knowledge and understanding of the automotive industry, the businesses within it, and the diversity of job roles it offers. The Unit also provides a basic introduction to some of the health and safety legislation applicable to vehicle service and repair workshops.
The Technician	<p>This unit has a practical focus and introduces pupils to some of the tools and techniques used by technicians in the automotive industry.</p> <p>Pupils will use a range of common hand tools as well as more specialised tools and equipment such as the torque wrench and trolley jack. Pupils will also learn the names, functions and serviceability of automotive components while engaging in practical activities and gain basic knowledge of working safely in an automotive engineering environment.</p>
The Car	This unit introduces pupils to basic safety checks, wheel changing and valeting as carried out by technicians in the automotive industry. The pupil will use a range of common hand tools, as well as more specialised tools and equipment. To enrich the pupils understanding and range of associated skills they will carry out engineering processes such as removing and refitting vehicle service items.
The Vehicle Modification Project	This unit comprises a practical project and is designed to be completed after the Units <i>Automotive Skills: The Technician</i> and <i>Automotive Skills: The Car</i> , consolidating the previous practical skills developed. Pupils select a modification project to carry out on a vehicle enabling them to put into practice and further develop some of the basic hand skills and problem solving abilities that an Automotive Technician requires.

Assessment Method

Assessment is by producing a practical component or assembly to a given standard and testing and documenting functionality as described in the unit contents. As well as this, pupils will be required to complete documentation which will demonstrate their awareness of the underlying employability skills that they have gained on the module. In order for the documentation to be accepted pupils need to evaluate their own performance and identify the skills acquired. Tutor's will also contribute to this documentation and offer their own feedback on pupil work performance.

Skills for Work: Engineering Skills National 4

Course Title	Skills for Work: Engineering Skills	Units to be
Level	National 4	
Campus	Arbroath and Kingsway	
Days	Kingsway – Monday and Wednesday 2-4 pm Arbroath – Friday 9-1pm	
Start Date	May 2019	
End Date	April 2020	

completed

Mandatory Units
Mechanical
Electrical/Electronic
Fabrication
Manufacture and Assembly

Progression Pathways

- Scottish Progression Award in Engineering (National 5)
- Full time SVQ programmes and Modern Apprenticeships in Engineering areas such as Welding Fabrication, Mechanical Fitting, Machining, Motor Vehicle.
- National Certificate programmes such as Engineering Practice, Engineering Systems.
- Suitable Training/Employment

Course Description

The overall purpose of the course is to ensure that pupils start to develop the generic and practical skills, knowledge and understanding and employability skills needed within an engineering sector.

The course focuses on the four broad areas of Mechanical, Electrical/Electronic, Fabrication & Welding and Manufacture. This will allow the pupils to gain basic transferable skills which can be applied to any of the above engineering areas. The Manufacture and Assembly unit allows pupils the opportunity to apply the mechanical, electrical/electronic and fabrication skills they have learned in the manufacture and assemble of an artefact(s). The generic employability skills are integrated into each mandatory unit and should be developed in conjunction with the practical activities of each of these units. This will help pupils to understand that the generic skills such as time-keeping, following instructions and carrying out quality checks of your own work are just as important as the practical skills which they will learn.

Unit Contents

Unit	Description
Mechanical	This unit is designed to be the first attempted on the course. Pupils are required to select the correct tools and materials required to safely manufacture an artefact. During the manufacture, pupils will read simple engineering drawings, measure and mark, select appropriate materials and work to specified tolerances. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit, not all will be assessed.
Electrical/Electronic	In this unit pupils will select the correct tools and components required to construct a basic functional electrical circuit from a given diagram and specification. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit, not all will be assessed.
Fabrication	In this unit pupils will select the correct tools, materials and equipment required to manufacture an artefact using cutting, hot and cold forming and mechanical and thermal joining techniques. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit, not all will be assessed.
Manufacture and Assembly	This unit is designed to be attempted only after successful completion of the preceding skills units. Pupils will select and safely use the correct tools and materials to manufacture, assemble and complete functionality tests on an artefact. Pupils will evaluate and report their findings on the manufacture, assembly and functionality tests of the artefact. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit not all will be assessed.

Assessment Method

Assessment is by producing a practical component or assembly to a given standard as well as completing documentation which will demonstrate pupil awareness of the underlying employability skills that they have gained on the module. For the documentation to be accepted pupils need to evaluate their own performance and identify the skills acquired. Tutor's contribute to this documentation and offer feedback on pupil's work performance.

Skills for Work: Engineering Skills National 5

Course Title	Skills for Work: Engineering Skills
Level	National 5
Campus	Arbroath and Kingsway
Days	Kingsway - Monday and Wednesday 2-4 pm Arbroath – Friday 9-1pm
Start Date	May 2019
End Date	April 2020

Units to be completed

Mandatory Units
Mechanical and Fabrication
Electrical and Electronic
Maintenance
Design and Manufacture

Progression Pathways

- Full time SVQ programmes and Modern Apprenticeships in Engineering areas such as Welding Fabrication, Mechanical Fitting, Machining, Motor Vehicle
- National Certificate programmes such as Engineering Practice, Engineering Systems.
- HNC in Engineering Systems (dependent on core skills level)
- Suitable Training/Employment

Course Description

The National 5 Engineering Skills course has been designed to provide a basis for progression into further education or for moving directly into training or employment within an engineering sector. The overall purpose of the course is to ensure that pupils start to develop the generic and practical skills, knowledge and understanding and employability skills needed within an engineering sector. This course focuses on the broad areas of Mechanical, Fabrication, Electrical, Electronic, Maintenance and an element of Design and Manufacture. This will allow the pupils to gain basic transferable skills which can be applied to any of the above engineering area.

Unit Contents

Unit	Description
Mechanical and Fabrication	<p>In this unit pupils will learn to select and use the correct tools, equipment, and materials required to manufacture an artefact. During the manufacture, pupils will read simple engineering drawings, measure and mark, select appropriate materials, and work to specified tolerances.</p> <p>The pupil will also develop and use basic engineering skills of cutting, shaping, drilling, tapping, forming, and joining. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit not all will be assessed.</p>
Electrical and Electronic	<p>In this unit pupils will select the correct tools and components required to construct a basic functional electrical circuit and an electronic circuit from a given diagram and specification. The unit is suitable for pupils with no previous electrical, electronic, or employment experience. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit, not all will be assessed.</p>
Maintenance	<p>In this unit pupils will select the correct tools, materials and equipment required to test, disassemble, repair, and assemble an engineering part. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit, not all will be assessed.</p>
Design and Manufacture	<p>In this unit pupils will develop Computer Aided Draughting (CAD) skills and select and use the correct tools and materials required to design, manufacture/construct, test, evaluate, and report their findings on the manufacture/construction of a project.</p> <p>This unit is designed to be attempted only after successful completion of the other mandatory skills units. Pupils will select and safely use the correct tools and materials to design, manufacture/construct, assemble and complete functionality tests on one project.</p> <p>Pupils will evaluate and report their findings on the design, manufacture/construction, assembly, and functionality tests of the selected project. Embedded into the practical activities of this unit are the employability skills that employer's value. Although it is envisaged that all employability skills will be developed in this unit, not all will be assessed.</p>

Assessment Method

Assessment is by producing a practical component or assembly to a given standard and testing and documenting functionality as described in the unit contents. As well as this, pupils will be required to complete documentation which will demonstrate their awareness of the underlying employability skills gained on the module. In order for the documentation to be accepted, pupils will evaluate their own performance and identify skills acquired. Tutor's will also contribute to this documentation and offer feedback on pupil's work performance.

Skills for Work: Rural Skills National 4

Course Title	Skills for Work: Rural Skills	Units to be
Level	National 4	
Campus	Kingsway	
Days	Kingsway – Monday and Wednesday 2-4pm	
Start Date	May 2019	
End Date	April 2020	

completed

Mandatory Units	Optional Units
Land-based Industries: an Introduction	Crop Production: an Introduction
Estate Maintenance	Soft Landscaping: an Introduction
Employability Skills in the Land-based sector	

Progression Pathways

- National Progression Award in Rural Skills at National 5 Level
- SVQs/ NVQs in Appropriate Land-based sector vocational areas
- Programmes in Further Education Colleges
- Other suitable Training or Employment

Course Description

This Rural Skills Course allows pupils to begin to develop some of the basic practical skills necessary to work in most of the land-based disciplines. As the course progresses students begin to understand better, the roles of individuals who have made Land base a career choice. The 'Hands On' activities of Estate Skills and Crop Production all give the student an essential taste of what outdoor life can be like as it develops transferable skills that can be so useful in later life.

Unit Contents

Unit	Description
Land-based Industries: An Introduction	<p>This unit is designed to allow pupils to explore the very diverse nature of industries that exist in the land-based sector. It also allows them to explore some of the many job opportunities that exist within the sector, identify the qualities that are required to work in some of these industries as well as to find out what skills are required for these jobs. Pupils will have the opportunity to examine land-based industries with a view to helping them to decide if this is a suitable career path for them and to explore the potential progression routes available related to specific industries.</p>
Estate Maintenance	<p>This unit will be suitable for pupils who have limited or no knowledge of the craft practices in estate maintenance. The outcomes require pupils to identify and describe the use of a range of tools and equipment and then use these to undertake a range of estate maintenance tasks. Pupils will have the opportunity to develop manual dexterity that will be useful for progression to higher levels of manual and machinery skills required in specific land-based industries.</p>
Employability Skills in the Landbased Sector	<p>This unit is designed to be integrated into practical tasks undertaken as part of this course. It is suitable for pupils with no previous land-based or employment experience. Pupils will have the opportunity to develop some of the employability skills that are valued by the land-based sector including good timekeeping, attendance, safe working and team working. They will have the opportunity to review and evaluate their progress in developing these skills. The third outcome allows pupils to consider the examination of risk in a specific task allowing them to develop a greater understanding of the need to consider safety in all land-based industries.</p>
Crop Production: An Introduction	<p>This unit allows pupils to develop some of the basic skills and knowledge required to contribute towards the production of plants in a work setting. Pupils will have the opportunity to develop some of the basic skills relating to preparing the growing medium, establishing and maintaining the plant. Plants may be agricultural, forestry, horticultural, edible or non-edible.</p>
Soft Landscaping: An Introduction	<p>This unit allows pupils to develop some of the basic knowledge and skills required for soft landscaping. Pupils will develop the basic skills and knowledge required to establish and maintain soft landscaping. The unit is appropriate for a range of contexts including agriculture, countryside management, and landscape horticulture. This unit has been designed for delivery within the context of a landscape project.</p>

Assessment Method

There are some written assessments in the form of short answer questions and worksheets. There is also a lot of practical assessment throughout the year.

Unit Contents

Skills for Work: Construction Crafts National 4

Course Title	Skills for Work: Construction Crafts
Level	National 4
Campus	Arbroath and Kingsway and Off Campus
Days	Kingsway – Monday and Wednesday 2-4 pm Arbroath – Friday 9-1pm Off Campus - Days TBC
Start Date	May 2019
End Date	April 2020

Units to be completed

Mandatory Units	Optional Units
Employability Skills	Brickwork Techniques
Half Brick Walling	Carpentry and Joinery Techniques
Decorative Painting	Decorative Finishing Using Water-borne Paints
Site Carpentry and Bench Joinery	
Plumbing	

Progression Pathways

- Skills for Work National 5 - Construction Crafts (Arbroath and Kingsway Campus)
- National Progression Award in Painting and Decorating (Arbroath and Kingsway Campus)
- National Progression Award in Carpentry and Joinery (Arbroath and Kingsway Campus)
- National Progression Award in Brickwork (Arbroath Campus)
- National Progression Award Multi-Trade (Kingsway Campus)
- Modern Apprenticeship in the Construction Industry

Course Description

The course contains practical Construction Crafts Units in five important construction trades. It is especially suitable for pupils with an aptitude for and an interest in practical crafts work. Pupils will learn a variety of skills in the trades-specific units. In addition, they will develop skills and attitudes that enhance employability, not just in the construction industry, but in employment generally.

In the mandatory section, the Employability Skills Unit addresses a number of practical and employability skills which can be practised and developed across all the units in the course. The four other units in the mandatory section cover specific construction crafts. These crafts-specific units are in trades with high levels of identified skill shortages. Furthermore, they represent skills areas which are readily resourced in centres offering construction courses.

The optional section offers the opportunity to learn skills in three trades. They represent skills areas which are readily resourced in most centres offering construction courses. In the optional section, pupils can take units in the same trades as the mandatory section, further developing their skills in these specific trades.

Alternatively, they can take units in different trades, granting them the opportunity to experience a wider variety of construction crafts.

Unit Contents

Unit	Description
Employability Skills	Pupils are required to develop work practices and attitudes that enhance their employability. They will have opportunities to review the skills they have developed. They will also develop skills in measurement and interpretation of drawings.
Half Brick Walling	Pupils are required to set out and build short sections of half-brick thick wall in accordance with given drawings and to prescribed tolerances.
Decorative Painting	Pupils will carry out work with decorative finishes involving the use of brushes and rollers as well as stencilling.
Site Carpentry and Bench Joinery	Pupils are required to carry out small-scale tasks in both first-fix and second-fix joinery. They will learn skills in measurement, cutting and fixing of timbers and sheet materials.
Plumbing	Pupils are required to cut, assemble and join plastic pipework in accordance with given drawings using proprietary bends and tee-pieces.
Brickwork Techniques	Pupils are required to set out and build extended sections of half -brick thick wall. This extended work will require the use of builders' line. Once again, the work will be carried out in accordance with given drawings and to prescribed tolerances.
Carpentry and Joinery Techniques	Pupils are required to erect a small-scale framed and panelled assembly and to fabricate and replace one panel to carefully match existing.
Decorative Finishing Using Water-borne Paints	Pupils are required to carry out additional paintwork tasks with purely water-borne paints. This will include a proprietary two-coat system.

Assessment Method

Assessment in this course is continuous within each subject and the pupils build up a personal portfolio as they move from craft area to craft area. The assessment of pupils' work is a combination of self-review, peer review and assessor review which are recorded by observation checklists and review sheets. The review sheets are completed at the end of each craft subject.

Skills for Work: Construction Crafts National 5

Course Title	Skills for Work: Construction Crafts
Level	National 5
Campus	Arbroath, Kingsway and Off Campus
Days	Kingsway – Monday and Wednesday 2-4 pm Arbroath – Friday 9 -1pm Off Campus - Days TBC
Start Date	May 2019
End Date	April 2020

Units to be completed

Mandatory Units
Employability Skills
One Brick Walling
Bench Joinery
Decorative Painting Techniques

Progression Pathways

- National Progression Award in Painting and Decorating (Arbroath and Kingsway Campus)
- National Progression Award in Carpentry and Joinery (Arbroath and Kingsway Campus)
- National Progression Award in Brickwork (Arbroath Campus)
- National Progression Award Multi-Trade (Kingsway Campus)
- Modern Apprenticeship in the Construction Industry

Course Description

The course includes practical construction crafts units in three of the main construction trades. Pupils will learn a variety of skills in the trades' specific units. In addition, they will develop skills and attitudes that enhance employability, not just in the construction industry, but in employment generally.

In the mandatory section, the Employability Skills unit addresses a number of practical and employability skills which can be practised and developed across all the units in the course. The three other units in the mandatory section cover specific construction crafts in trades with high levels of identified skill shortages. Furthermore, they represent skills areas which are readily resourced in centres offering construction courses.

Unit Contents

Unit	Description
Employability Skills	<p>Pupils are required to develop work practices and attitudes that enhance employability. They will review the skills they have developed and adapt their performance in subsequent activities.</p> <p>Pupils will carry out basic risk assessments and record their findings. They will also develop Skills in interpretation of drawings and in preparing basic materials schedules from drawing and specification information.</p>
One Brick Walling	<p>Pupils are required to set out and build short sections of one-brick wall in accordance with given drawings and to prescribed tolerances. This will give them experience of brick bonding techniques significantly beyond simple half-brick walls.</p>
Bench Joinery	<p>Pupils will learn a number of joinery jointing techniques. They will learn skills in measurement as well as how to cut, assemble and fix timbers into a frame from a given drawing.</p>
Decorative Painting Techniques	<p>Pupils will carry out work in forming decorative bands and lines. They will work with moulded panels and gain skills in replicating given designs in freehand brushwork. Finally, pupils will learn how to mix different colours to match given paint samples.</p>

Assessment Method

Assessment in this course will be based on a range of practical workshop activities, supported by assessor observation checklists and pupil self-checking of quality. In the Employability Skills unit, pupils will carry out self-evaluation on a range of skills, review their progress and identify action points. They will also demonstrate that they can put action points into practice.

There is no external assessment for this course. Pupils must successfully complete each unit to achieve the course.

VTCT Level 1 Extended Award in Hair and Beauty Skills (VRQ)

Units to be completed

Course Title	Level 1 Extended Award in Hair and Beauty Skills
Level	National 4 (Level 1)
Campus	Kingsway and Arbroath
Days	Kingsway – Monday and Wednesday 2-4pm Arbroath – Friday 9-1pm
Start Date	May 2019
End Date	April 2020

Mandatory Units
Create a hair and beauty image using colour
Hand and Nail Care
Make-up application
Blow dry hair
Winding skills
Shampoo and condition hair

Progression Pathways

- VTCT Level 2 Extended Certificate in Hair and Beauty skills – School Link Programme
- Introduction to Hairdressing Session 1 – Shorter Full Time Course
- Introduction to Hairdressing Session 2 - Shorter Full Time Course
- VTCT Level 2 Diploma in Beauty Therapy Studies – Full Time Course
- VTCT Level 2 Diploma in Barbering – Full Time Course
- Employment in the industry, as a Salon Assistant or Modern Apprenticeship in Hairdressing

Course Description

The main purpose of the VTCT Level 1 Extended Award in Hair and Beauty Skills (VRQ) is to prepare you to progress to the next level of vocational learning. All the units in this qualification directly prepare you for further study in the hair and beauty sector. This qualification includes all the required elements to develop your practical hair and beauty skills including a mandatory unit in create a hair and beauty image using colour. You will also have the opportunity to develop your understanding and skills further including: Hand and Nail Care, Make-up Application, Blow-drying Hair, Winding Skills and Shampooing and Conditioning Hair. You will also have the opportunity to develop your knowledge and understanding of the importance of health and safety within a salon environment.

Unit Contents

Unit	Description
Create a Hair and Beauty image using colour	Through this unit pupils will create an image using colour. To achieve this, pupils will be using makeup, nail polish, temporary hair colour and accessories. Pupil's will design an image using a mood board to collect ideas. They will state the skills and techniques that are used to create the image and present their finished design.
Hand and Nail Care	Through this unit pupils will learn how to carry out a nail and hand treatment on a model whom they know. They will learn how to prepare themselves, the model and their work area for the hand and nail care treatment. They will learn about the basic structure of the nail and will learn how to identify the reasons why the application may be stopped or changed. They will learn about the different products and skills used to apply nail and skin products to provide a professional finish.
Make-up Application	Through this unit pupils will learn how to apply make-up on a mask or model. They will learn how to prepare themselves, their area and mask or model for the treatment. They will learn about the different products used during the make-up application and how to apply them. Pupil's will learn how to identify their model's skin type and face shape, which will help them to decide which products to use. Pupils will learn how to apply the products to provide a professional finish.
Blow Dry Hair	Through this unit pupil's will learn how to blow-dry one length hair sections, creating a smooth finish. They will identify the condition and the thickness of the hair you are working on to be able to choose a product that will support the blow-dry. Pupil's will know what hair problems may occur and how to deal with them.
Winding Skills	Through this unit pupil's will learn how to wind hair in a channel setting pattern using rollers and pins to secure. They will know how to select the correct tools and equipment to wind the hair, and how to achieve sections for the size of the roller. They will learn how to achieve a smooth and even curl result from root to tip and how to avoid buckled ends.
Shampoo and Condition Hair	Through this unit pupils will learn how to shampoo and apply a surface conditioner to hair. They will know what shampoo and conditioner to choose for the hair type they are working on and how to deal with any problems that may arise during or after the process. They will be able to provide aftercare advice for shampoo and conditioning hair.

Assessment Method

The qualification will be delivered holistically. The pupil will be taught practical skills and given underpinning knowledge for all the above units. Assessment opportunities will be given in a realistic working environment giving the pupil the opportunity to practice skills required for progression.

Skills for Work: Early Learning and Childcare National 4

Units to be completed

Course Title	Skills for Work: Early Learning and Childcare
Level	National 4
Campus	Arbroath and Gardyne
Days	Gardyne – Monday & Wednesday 2-4pm Arbroath – Friday 9-1pm
Start Date	May 2019
End Date	April 2020
Mandatory Units	Optional Unit
Child Development	Care of Children
Play in Early Learning and Childcare:	
Working in Early Learning and Childcare:	

Progression Pathways

- Early Learning and Childcare Course at National 5
- Further Education
- Training/Employment

Course Description

The primary target group for this course is school pupils in S4 and above.

The emphasis of this course is to help pupils begin to prepare for working in the early education and childcare sector and to develop employability skills. They will develop the knowledge and skills required in this vocational area. The course is designed as an introduction to early education and childcare at National 4 level and helps pupils begin to understand some of the demands and responsibilities of working in this sector.

Since the National 4 course is designed with progression to National 5 in mind, the majority of the units at the two levels have common titles and address similar content areas. At National 4 pupils will cover issues in each area and begin to develop relevant skills such as team working skills, helping to plan play experiences and self-evaluation skills.

The National 4 Course in Early Learning and Childcare affords a broad link to the care, learning and development of children aged 0–12 years.

Unit Contents

Unit	Description
Child Development	This unit is designed to introduce pupils to aspects of child development and the key milestones of development from pre-birth to 12 years. An investigation will build upon this knowledge through research of one particular aspect of child development. Presentation of these findings will be supported by an evaluation which will develop this skill as well as the skill of reflection.
Play in Early Learning and Childcare	This unit allows pupils to develop a basic understanding of a variety of types of play and how play contributes to the development of the child. It allows pupils to explore a variety of play types and describe a range of play experiences within different types of play. Pupils will demonstrate an understanding of the appropriateness and value of play opportunities for the learning and development of children. Pupils have the opportunity to plan practical play experiences.
Working in Early Learning and Childcare	This unit allows pupils to develop a basic understanding of different types of provision in the Early Learning and Childcare sector and to describe how the sector supports children and families. Pupils will discuss some of the main skills and qualities required to work with children aged 0–12 years.
Care of Children	This unit is designed to allow pupils to gain a basic understanding of how the needs of children can be met. Pupils are required to plan, demonstrate and review caring skills that meet these needs.

Assessment Method

Pupils are expected to engage in written work to investigate resources and to work in teams to produce presentations. Pupils will also be involved in self-evaluation of these skills, seeking feedback from others, identifying areas of improvement, taking account of the feedback received and reviewing their progress throughout the course. Some practical elements are demonstrated later on in the course in order for the pupils to improve technical and employability skills. There is a mixture of open and closed book assessments.

Skills for Work: Health Sector National 4

Course Title	Skills for Work: Health Sector
Level	National 4
Campus	Arbroath and Gardyne
Days	Gardyne – Monday & Wednesday 2-4 pm Arbroath – Friday 9-1pm
Start Date	May 2019
End Date	April 2020

Units to be completed

Mandatory Units
Health Sector: An Introduction
Health Sector: Roles and Responsibilities
Health Sector: Health Awareness
Health Sector: Working Safely
Health Sector: Life Sciences Industry

Progression Pathways

- SVQs in Health and Social Care, National Courses or Units
- Training/Employment
- National 5 Child, Health and Social Care

Course Description

The primary target group for this course is school pupils in S4 and above.

The course introduces pupils to the health sector. It includes investigating the different types of provision, the range of services provided and the roles and responsibilities of those working in this area. Pupils will also investigate the career opportunities in the health sector. Care values are important when working in the health sector. Therefore, pupils will explore care values and participate in practical activities that allow pupils to demonstrate care values, including the importance of maintaining confidentiality and an awareness of equality and diversity. Pupils will also assess risks in relation to infection and participate in practical activities to demonstrate infection control measures.

Pupils will be given the opportunity to work as a member of a team to produce health promotion advice, encouraging co-operative working. They will learn about the main body systems as underpinning knowledge to inform the health promotion advice. Pupils will participate in a practical activity to take a physiological measurement.

Effective team working is an essential element of working in the health sector. Pupils will investigate a multidisciplinary team and explore the benefits of a multidisciplinary approach to users of the health sector. The course introduces pupils to the range of product types made by the Life Sciences Industry. Pupils will participate in a practical activity to demonstrate the use of a biomedical device.

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 pupils with the opportunity to practice and develop these skills throughout the course.

Unit	Description
An Introduction	<p>The unit introduces pupils to the health sector and explores its diversity. Pupils will learn about the range of provision and the extensive services provided by the health sector. Pupils will participate in practical activities which will help to develop knowledge and understanding of health sector environments.</p> <p>The unit also focuses on the employability skills and attitudes identified as being those most valued by employers. Pupils will be given the opportunity to reflect on and evaluate their own employability skills and record their progress throughout the unit.</p>
Roles and Responsibilities	<p>The unit introduces pupils to the range and diversity of careers in the health sector. The unit will also introduce pupils to the nature and importance of working in a multidisciplinary team. Pupils will learn about the importance of care values within the health sector and will participate in a practical activity which will enable them to demonstrate these in a health sector context.</p>
Health Awareness	<p>This unit will provide pupils with a basic introduction to the structures and functions of the main body systems. Through team working, pupils will produce advice in relation to the promotion of health.</p> <p>Pupils will participate in a practical activity which will help to develop knowledge and skills in taking a physiological measurement.</p>
Working Safely	<p>In this unit pupils will carry out a risk assessment. Pupils will identify possible hazards and risks, including risks relating to infection, in a setting within the health sector. Pupils will identify measures to minimise or eliminate these. This unit will allow pupils to develop an awareness of their own responsibilities in maintaining a safe working environment. Pupils will participate in a practical activity which will help develop knowledge and understanding of infection control measures.</p>
Life Sciences Industry	<p>The unit introduces pupils to the range of product types made by the life sciences industry and their application in the health sector. Pupils will participate in a practical activity which will help to develop knowledge and skills in the correct use of a biomedical device.</p>

Assessment Method

Pupils are expected to engage in written work to investigate resources and to work in teams to produce presentations. Pupils will also be involved in self-evaluation of these skills, seeking feedback from others, identifying areas of improvement, taking account of the feedback received and reviewing their progress throughout the course. Some practical elements are demonstrated later on in the course in order for pupils to improve technical and employability skills. There is a mixture of open and closed book assessments.