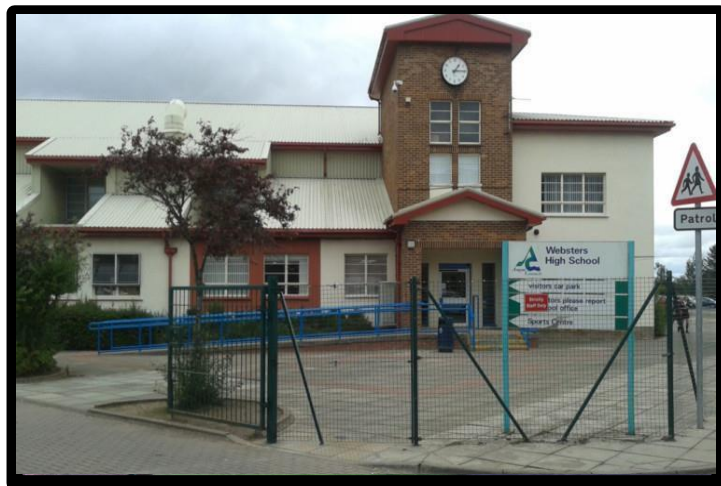




WEBSTER'S HIGH SCHOOL



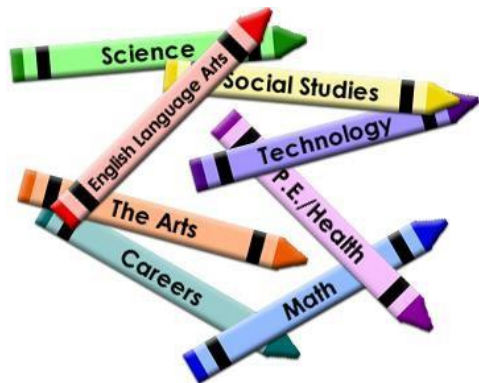
2026/27

S3 into S4 Subject Choice Information



Article 29: Education must develop every child's personality, talents and abilities to the full.





Course Choice Information

In S4, our young people will continue to build on the skills they developed in the BGE by working on SCQF level 4 and 5 qualifications.

Pupils will study 7 subjects in S4, including English and Maths.

Often the subjects picked for S3 should become some of the subjects studied in S4 at National level.

All pupils will also continue the core subjects PSE and PE.

Please note: While every attempt is made to meet pupil requests, sometimes this is not possible. For example, if uptake in a subject is very low this class will not run. If a class is over-subscribed, pupils may be asked to make a second choice. .

More information on subject choices, careers and future progression pathways can be found via Pupil Care and Support or at the following Links



My World Of Work – <https://www.myworldofwork.co.uk/>

My Kids Career - <https://mykidscareer.com/>



THE SCOTTISH CREDIT AND QUALIFICATIONS FRAMEWORK

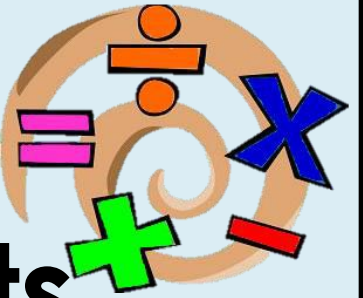
The Framework diagram shows mainstream Scottish qualifications credit rated by SQA and HEIs.

However, there are a diverse number of learning programmes on the Framework. To view the full interactive version of the Framework or search the database, please visit the SCQF website at www.scqf.org.uk



SCQF Levels	SQA Qualifications			Qualifications of Higher Education Institutions	Apprenticeships & SVQs
12			Professional Development Award	Doctoral Degree	Professional Apprenticeship
11				Masters Degree, Integrated Masters Degree, Post Graduate Diploma, Post Graduate Certificate	Graduate Apprenticeship Professional Apprenticeship SVQ
10				Honours Degree, Graduate Diploma, Graduate Certificate	Graduate Apprenticeship Professional Apprenticeship
9				Bachelors / Ordinary Degree, Graduate Diploma, Graduate Certificate	Graduate Apprenticeship Technical Apprenticeship SVQ
8		Higher National Diploma		Diploma Of Higher Education	Higher Apprenticeship Technical Apprenticeship SVQ
7	Advanced Higher, Awards, Scottish Baccalaureate	Higher National Certificate		Certificate Of Higher Education	Modern Apprenticeship SVQ
6	Higher, Awards, Skills for Work Higher	National Certificate	National Progression Award		Modern Apprenticeship Foundation Apprenticeship SVQ
5	National 5, Awards, Skills for Work National 5				Modern Apprenticeship SVQ
4	National 4, Awards, Skills for Work National 4				SVQ
3	National 3, Awards, Skills for Work National 3				
2	National 2, Awards				
1	National 1, Awards				

Core Subjects



English

Faculty Head: Mrs. M. McRae

Core Subject



Course Information – What is it about

The main purpose of this course is to provide candidates with the opportunity to develop the skills of reading, writing, talking and listening in order to understand and use detailed language. The course offers candidates opportunities to develop and extend a wide range of skills. The literacy and communication skills you learn through the study of English are key in practically all professions.

Course Content – What do you do

Pupils will be encouraged to reflect on, and to build an understanding of, their own experiences, environment, and culture, and the experiences, environments and cultures of others. Through the study of Scottish writers, candidates will develop an appreciation of Scotland's own literary heritage. Language and literature are key aspects of our culture, and the cultures of others, and through them can be fostered an awareness, and a celebration of cultural diversity

Assessment

National 4 is assessed internally. The units assessed are:

- ✓ Analysis and Evaluation
- ✓ Creation and Production
- ✓ Added Value

National 5 assessment is made up of four components:

- | | | |
|---|----------|------------------------|
| 1. Reading for Understanding, Analysis & Evaluation | 30 marks | |
| 2. Critical Reading | 40 marks | |
| 3. Writing - folio | 30 marks | |
| 4. Talk Performance | | Achieved/ Not Achieved |

Progression:

National 4- National 5
National 5- Higher
National 5 – L6
Communication

Careers this qualification can help

Actor
Administrative Assistant or Officer - Courts
Advertising Account
Executive Advertising
Copywriter Advocate
Advocates' Clerk
Archivist
Arts Administrator
Arts Exhibition Organiser
Bookseller
Broadcast Journalist
Call Centre Agent
Civil Service Administrative Assistant and Officer
Civil Service Administrator - Fast Stream
Clerical or Administrative Assistant
Commissioning Editor
Copy Editor
Court Reporter
Customer Service Administrator
Diplomatic Service Executive Assistant
Diplomatic Service Operational Officer
Genealogist
Health Records Staff
Health Service Manager
Housing Officer
Human Resources Officer or Manager
Immigration Officer
Interpreter
Journalist or Reporter
Judge or Sheriff
Lecturer - Further Education Lecturer - Higher Education Library or Information Assistant
Library or Information Professional
Literary Agent
Local Government Administrative Assistant and Officer
Local Government Officer
Market Research Executive
Market Research Interviewer
Marketing Manager
Medical Secretary
Member of Parliament
Office Manager
Paralegal
Personal Assistant or Executive Secretary
Political Researcher
Private Tutor
Procurator Fiscal
Producer - Radio Producer - TV or Film
Production Assistant

More information?

Speak to PCS

Visit My World of Work

<https://www.myworldofwork.co.uk/>

OR

My Kids Career

<https://mykidscareer.com/>

Maths

Faculty Head: Mr. J. Boath

Core Subject



Course Information – What is it about

The Course aims to:

- motivate and challenge learners by enabling them to select and apply mathematical techniques in a variety of mathematical and real- life situations.
- develop confidence in the subject and a positive attitude towards further study in mathematics.
- develop skills in problem solving and deep analytical thinking.
- allow learners to interpret, communicate and manage information in mathematical form; skills which are vital to scientific and technological research and development

Course Content – What do you do

Mathematics: Expressions and Formulae - The general aim of this Unit is to develop skills linked to mathematical expressions and formulae. These include the manipulation of abstract terms, the simplification of expressions and the evaluation of formulae. The Outcomes cover aspects of number, algebra, geometry and reasoning.

Mathematics: Relationships - The general aim of this Unit is to develop skills linked to mathematical relationships. These include solving and manipulating equations, working with graphs and carrying out calculations on the lengths and angles of shapes. The Outcomes cover aspects of algebra, geometry, trigonometry and reasoning.

Mathematics: Applications -The general aim of this Unit is to develop skills linked to applications of mathematics. These include using trigonometry, geometry, number processes and statistics within real-life contexts. The Outcomes cover aspects of these skills and also skills in reasoning.

Assessment

There will be a Prelim examination, set by the Mathematics department at a time to be agreed by the school.

In addition, the Added Value Unit at the end of the course is assessed externally and consists of two parts.

Progression:

National 4- National 5
National 5- Higher

Careers this qualification can help

Accountant
Actuary
Aeronautical Engineer Air Traffic
Controller Architect
Architectural Technologist
Bank or Building Society Customer
Branch
Adviser
Bank or Building Society Manager
Bookmaker
Building Technician
Civil or Structural Engineer
Civil Service Administrative Assistant
and
Officer
Civil Service Administrator - Fast
Stream
Database Administrator
Diplomatic Service Executive
Assistant Diplomatic Service
Operational Officer Drilling Engineer
Economic Development Officer
Economist Electrical Engineer
Geologist Geophysicist
Insurance Risk Surveyor
Investment Banker
Lightning Conductor Engineer
Management Consultant Materials
Scientist Mathematician
Mechanical Engineer
Personal Assistant or Executive
Secretary
Production Controller or Manager
Project Manager Radiographer
Refrigeration Engineer
Rehabilitation or Medical Engineer
Roof Sheeter and Cladder
ROV Pilot Technician
Software Engineer or Developer
Statistician
Stockbroker
Subsea Pipeline Engineer Surveying
Technician Surveyor
Systems Analyst
Teacher - Primary or Nursery School
Teacher - Secondary School -
Mathematics Telecommunications
Engineer

More information?

Speak to PCS

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OR

My Kids Career

<https://mykidscareer.com/>



Communication Subjects

Language ភាសា Linguaggio Язык
 Γλώσσα Język ភាសា ٻولي لسان
 ភាសា ភាសា ភាសា ភាសា ភាសា
 Language ភាសា ភាសា ភាសា ភាសា
 भाषा భాష ភាសា ភាសា ភាសា
 Linguagem Wika ភាសា ភាសា ភាសា
 Sprache 语言 ភាសា ភាសា ភាសា
 Bahasa 언어



French

National 4/5

Faculty Head: Mrs. McRae



Course Information – What is it about

The main purpose of the course is to enable candidates to develop the skills of reading, listening, talking and writing in order to understand and use a modern language.

The course contributes towards the development of literacy skills by providing learners with opportunities to read, listen and talk and write in a modern language, and to reflect on how this relates to English.

Course Content – What do you do

The course provides candidates with the opportunity to develop reading and listening, talking and writing skills in the modern language, and to develop their knowledge and understanding of detailed language in the contexts of society, learning, employability, and culture.

Assessment

The course assessment is made up of five components:

1) Reading	30 marks
2) Writing - Job Application	20 marks
3) Listening	20 marks
4) Talk Performance	30 marks
5) Writing Assignment	20 marks

Progression:

National 4 – National 5
National 5 - Higher

Careers this qualification can help

Air Cabin Crew
Airline or Airport Passenger Service Assistant
Airline Pilot
Archivist
Broadcast Journalist
Civil Service Administrator - Fast Stream
Cook or Chef Copy Editor Courier
Cruise Ship Worker
Diplomatic Service Executive
Assistant Diplomatic Service
Operational Officer European Union Administrator
Export Sales Manager Hotel General Manager Hotel Receptionist
Immigration Officer Interpreter
Journalist or Reporter
Library or Information Assistant
Library or Information Professional
Literary Agent
Medical Secretary Researcher - Broadcasting Resort Representative
Restaurant Manager
Revenue and Customs Officer
Sub-editor — Journalism
Teacher - Secondary School - Modern Foreign
Languages Technical Writer Tour Guide
Tour Manager or Tour Leader
Tour Operator
Tourist Information Centre Assistant
Train Conductor
Translator
Travel Agency Manager
Travel Consultant Web Editor Wine Merchant Writer or Author
Literacy and Communication skills are basic requirements in practically every profession.

More information?

Speak to PCS

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OR

My Kids Career

<https://mykidscareer.com/>

Spanish

National 4/5

Faculty Head: Mrs. McRae



Course Information – What is it about

The main purpose of the course is to enable candidates to develop the skills of reading, listening, talking and writing in order to understand and use a modern language.

The course contributes towards the development of literacy skills by providing learners with opportunities to read, listen and talk and write in a modern language, and to reflect on how this relates to English.

Course Content – What do you do

The course provides candidates with the opportunity to develop reading and listening, talking and writing skills in the modern language, and to develop their knowledge and understanding of detailed language in the contexts of society, learning, employability, and culture.

Assessment

The course assessment is made up of five components:

1) Reading	30 marks
2) Writing - Job Application	20 marks
3) Listening	20 marks
4) Talk Performance	30 marks
5) Writing Assignment	20 marks

Progression:

National 4 – National 5
National 5 - Higher

Careers this qualification can help

Air Cabin Crew
Airline or Airport Passenger Service Assistant
Airline Pilot
Archivist
Broadcast Journalist
Civil Service Administrator - Fast Stream
Cook or Chef Copy Editor Courier
Cruise Ship Worker
Diplomatic Service Executive
Assistant Diplomatic Service
Operational Officer European Union Administrator
Export Sales Manager Hotel General Manager Hotel Receptionist
Immigration Officer Interpreter
Journalist or Reporter
Library or Information Assistant
Library or Information Professional
Literary Agent
Medical Secretary Researcher - Broadcasting Resort Representative
Restaurant Manager
Revenue and Customs Officer
Sub-editor — Journalism
Teacher - Secondary School - Modern Foreign
Languages Technical Writer Tour Guide
Tour Manager or Tour Leader
Tour Operator
Tourist Information Centre Assistant
Train Conductor
Translator
Travel Agency Manager
Travel Consultant Web Editor Wine Merchant Writer or Author
Literacy and Communication skills are basic requirements in practically every profession.

More information?

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Expressive Arts



Art & Design

National 4/5

Faculty Head: Ms. R. Cox



Course Information – What is it about

The aims of the Course are to enable learners to:

- communicate personal thoughts, feelings and ideas through the creative use of art and design materials, techniques and/or technology
- develop critical understanding of a range of art and design practice
- plan, develop, produce and present creative art and design work
- understand the impact of external factors on artists and designers and their work
- develop creativity, problem solving, critical thinking and reflective practice skills

Course Content – What do you do

Art and Design: Expressive Activity

This Unit helps learners to develop their personal thoughts and ideas in visual form. In the Unit, learners will develop critical understanding of artists' working practices and the social and cultural influences affecting their work. They will select stimuli and produce analytical drawings and studies. They will develop and refine their expressive ideas and artwork, experimenting with and using a range of materials, techniques and/or technology in 2D and/or 3D formats when responding to stimuli.

Art and Design: Design Activity

In this Unit learners will plan, research and develop creative design work in response to a design brief. They will develop their creativity, problem solving and critical thinking skills as they consider design opportunities, and work to resolve design issues and constraints. In the Unit, learners will develop critical understanding of designers' working practices and the main social and cultural influences affecting their work. They will experiment with, develop and refine their design ideas, using a range of materials, techniques and/or technology in 2D and/or 3D formats.

Assessment

- ✓ Expressive & Design folios are submitted to SQA for external marking in April.
- ✓ A written 'Art History' exam is held in the main diet of exams in May.

Progression:

National 4 – National 5
National 5 – Higher
Higher Photography

Careers this qualification can help

Animator
Architect
Art Therapist
Arts Administrator
Cartoonist
Clinical Photographer
Costume Designer
Craft Designer or worker
Digital Imaging Specialist
Fashion Designer
Fine artist
Furniture Designer
Games Designer
Graphic Designer
Illustrator
Landscape Architect
Multimedia Developer
Photographer
Product Designer
Scientific or Technical Illustrator
Sculptor (Art and Design – 3-Dimensional Design)
Special Effects Technician
Teacher - Secondary School - Art and Design
Textile Designer
TV or Film Director
Wardrobe Assistant - Film, TV or Theatre

More information?

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<https://www.myworldofwork.co.uk/>

OR

My Kids Career
<https://mykidscareer.com/>

Drama

National 4/5

Faculty Head: Ms. R. Cox



Course Information – What is it about

The aims of the course are to enable learners to:

- generate and communicate thoughts and ideas when creating drama
- develop a knowledge and understanding of a range of social and cultural influences on drama
- develop a range of skills in presenting drama
- develop knowledge, understanding and application of a range of production skills in a performance context
- explore form, structure, genre and style of theatre

Course Content – What do you do

The course consists of three elements:

1. Drama Skills - in this unit, learners will explore and experiment with a range of drama skills and ways of communicating their ideas to an audience. They will develop a range of skills as an actor. They will learn how to respond to a variety of stimuli. They will learn how to develop character in a range of ways and further expand their knowledge and understanding of form, structure, genre and style when creating and presenting. Learners will explore social and cultural influences from historical, religious and political viewpoints.

2. Production Skills - in this unit, learners will develop a range of production skills such as lighting and sound operation, set, costume and prop design and hair and make-up application. They will use these production skills in practical work to enhance their presentations. Learners will use problem-solving in order to generate ideas for presenting drama. Pupils can be assessed on acting, lighting, costume, sound, props, set design and hair / make-up. Pupils will also attend a theatre production – in the past this has been at The Dundee Rep or Pitlochry Festival Theatre and has included a back-stage tour.

3. Performance Assessment - This component is externally assessed through a performance. A Visiting Assessor from the SQA will attend the performance and assess the class. This is worth 60% of the overall grade.

Assessment

There is also a written exam lasting an hour and a half. This is worth 40% of the overall grade.

Progression:

National 4 – National 5
National 5 – Higher

Careers this qualification can help

Actor
Advertising Account Executive
Advocate
Animator
Arts Administrator
Arts Exhibition Organiser
Author
Bookseller
Broadcaster
Cartoonist
Commissioning Editor
Community Arts Worker
Copy Editor
Costume / Props / Set Designer
Customer Service Manager
Dancer
Digital Imaging Specialist
Diplomatic Service
Director – Film / TV / Theatre
Drama therapist
Events Organiser
Fashion Designer
Fine Artist
Games Designer
Graphic Designer
Human Resources
Illustrator
Journalist / Reporter
Lecturer
Librarian / Library Assistant
Literary Agent
Market Research Executive/Interviewer
Marketing Manager
Multimedia Developer
Nursery Teacher
Personal Assistant / Executive Secretary
Photographer
Play Worker/Assistant
Private Tutor
Producer - Radio / TV / Film
Production Assistant
Psychotherapist
Radio Presenter
Researcher
Runner
Speech and Language Therapist
Special Effects Technician
Stage Manager
Stunt Performer
Teacher Primary / Secondary School
Wardrobe Assistant – Film / TV / Theatre

Music

National 4/5

Faculty Head: Ms. R. Cox



Course Information – What is it about

The National 5 Music Course is designed to help learners develop their knowledge of music concepts and music literacy, and to integrate and apply this understanding in practical learning activities.

The aims of the Course are to enable learners to:

- develop performing skills in solo and/or group settings on their two selected instruments, or on one instrument and voice
- create original music using compositional methods and music concepts creatively when composing, arranging or improvising
- broaden their knowledge and understanding of music and musical literacy by listening to music and identifying level-specific music signs, symbols and music concepts.

Course Content – What do you do

The course consists of three elements:

Music: Performing Skills - In this Unit, learners will develop performing skills on two selected instruments, or on one selected instrument and voice. They will perform level-specific music with sufficient accuracy and will maintain the musical flow. Learners will, through regular practice and self-reflection, develop technical and musical performing skills.

This component is externally assessed through a performance in Feb/March. A Visiting Examiner from SQA will attend school and assess pupils on both instruments/voices. This is worth 50% of the overall grade.

Music: Composing Skills - In this Unit, learners will explore how to create their own piece of music using different compositional methods and music concepts.

A final composition is submitted to SQA at the end of March. This must show development of original ideas, a review of the process and an evaluation. It is worth 15% of the overall grade.

Understanding Music - In this Unit, through listening, learners will develop knowledge and understanding of a variety of level-specific music concepts, and music literacy. They will identify and recognise specific music styles and concepts, and music signs and symbols used in music notation.

Assessment

Performance – 50% (Instrument 1- 25%, Instrument 2- 25%)

Listening – 35%

Composition – 15%

Progression:

National 4 -National 5
National 5- Higher

Careers this qualification can help

Arts Administrator
Community Arts Worker
Composer or Songwriter
Dancer
Disc Jockey - DJ
Floor Manager - Television
Music Promotions
Manager Music Therapist
Musical Instrument
Technologist
Musician - Classical
Musician - Popular
Piano Tuner
Play worker or Play
Assistant
Private Tutor
Producer - Radio
Producer - TV or Film
Production Assistant
Radio Broadcast Assistant
Retail Assistant
Retail Manager
Singer - Classical
Singer – Popular
Sound Technician
Stage Manager
Teacher - Primary or
Nursery School
Teacher - Secondary
School - Music

More information?

Speak to PCS
Visit My World of Work
<https://www.myworldofwork.co.uk/>

OR

My Kids Career
More information?
Speak to PCS

Music Technology

National 4/5

Faculty Head: Ms. R. Cox



Course Information – What is it about

This course is for pupils with a broad interest in music, specifically music technology and 20th and 21st century music. The course is very practical in nature and there are lots of opportunities for personalisation and choice.

Course Content – What do you do

Developing music technology skills

This is the first of two practical elements in which you explore how to record and capture audio using a variety of different techniques. Building from S3, you will develop skills which include using appropriate audio input devices, applying microphone placement techniques, constructing the signal path for multiple inputs, setting input gain and monitoring levels, overdubbing and editing tracks, equalisation, time domain and other effects, and mixing techniques.

Music technology contexts

Using the experience gained 'music technology skills' you will create two projects which must be edited and mixed down to an audio master in appropriate file format. Each project includes a write-up where you plan, implement and evaluate your work. **These are sent to the SQA and count as 70% of the final grade.** Example projects are listed below.

- Recording an **audiobook** narration of a story/poem and adding music and sounds
- Producing a short **radio broadcast** or **podcast**
- **Sound Design:** Creating a short soundtrack or foley project for
 - An animated clip
 - A computer game sequence
- Recording a **multi-track** of a live performance

Developing an understanding of 20th and 21st century music

You will study 20th and 21st century genres of music and learn how to identify different styles of music such as skiffle, rock, punk, synth pop, electronica and rap.

You will also develop an understanding of how music technology has influenced and been influenced by developments in 20th and 21st century music.

Finally, you will investigate aspects of the music industry, including a basic awareness of the implications of intellectual property rights.

There is a listening paper based on what you have learnt in this unit which counts as 30% of the final grade.

Assessment

Assessment: Coursework (sent to SQA) 70% / Listening Exam: 30%

Progression:

National 4 - National 5
National 5- Higher

Careers this qualification can help

Arts Administrator
Community Arts Worker
Composer or Songwriter
Dancer
Disc Jockey - DJ
Floor Manager - Television
Music Promotions
Manager Music Therapist
Musical Instrument
Technologist
Musician - Classical
Musician - Popular
Piano Tuner
Play worker or Play
Assistant
Private Tutor
Producer - Radio
Producer - TV or Film
Production Assistant
Radio Broadcast Assistant
Retail Assistant
Retail Manager
Singer - Classical
Singer – Popular
Sound Technician
Stage Manager
Teacher - Primary or
Nursery School
Teacher - Secondary
School - Music

More information?

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OR

My Kids Career
More information?
Speak to PCS

Photography

NPA

Faculty Head: Ms R. Cox



Course Information – What is it about

This course allows candidates to develop knowledge and understanding of photographic media and camera techniques and processes when developing their creative practice. Candidates learn how social, cultural, historical, and scientific influences impact on photographers' work and practice.

Candidates demonstrate technical photographic skills and show personal, creative responses when photographing a variety of subjects. They have opportunities to develop personal autonomy and critical-thinking skills, and learn to evaluate their own photographic work and practice.

Course Content – What do you do

Candidates learn how to plan and carry out practical photographic work. They investigate selected photographers' work and practice and explain how external influences impact on these. They use this understanding of photographers and their work when developing their own personal approaches to photography. They learn and apply a range of image-making techniques. Candidates develop their creative problem-solving skills as they resolve visual and technical problems. They also reflect on and evaluate the effectiveness of their practice and the qualities of their photographic work

**NPA Photography uses ongoing assessment throughout the course.
There is no final exam**

Progression:

Higher Photography

Careers this qualification can help

Arts Administrator
Community Arts Worker
Medical Illustrator
Photographer
Photographic stylist
Photographic technician

Private investigator

Scenes of crime officer

TV or film camera operator

Video editor

Teacher - Primary or

Nursery School

Teacher - Secondary

School - Music

More information?

Speak to PCS

Visit My World of Work

<https://www.myworldofwork.co.uk/>

OR

My Kids Career

More information?

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My Kids Career

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Health Subjects



Early Learning and Child Care

BGE Choice

Faculty Head: Mr. S. McBride



Course Information – What is it about

The National course introduces candidates to the factors which impact on the lives of children, their parents and carers and gives basic insight into working in early education and childcare. It also introduces candidates to the necessity of viewing all aspects of early education and childcare holistically and to draw upon the experiences gained in the Outcomes of the component Units to inform their understanding of what can be considered as effective early education and childcare provision.

Course Content – What do you do

At National 5, the pupils study three mandatory units:-

1. Child Development
2. Play and Working in Early Education
3. Childcare

Plus one additional unit of; Care and Feeding of Children

Course Opportunities:

*Pupils will be given the opportunity to attend work experience at a local nursery/playgroup or primary to give them the opportunity to put their knowledge and experience into practice.

*Pupils will provide termly Playgroup Sessions for local children and families to get first-hand experience of the childcare sector.

Progression:

Foundation Apprenticeship in
Early Years & Childcare
NC Early Education and
Childcare

Careers this qualification can help

Childminder
Classroom assistant
Community education coordinator
Early years practitioner
Early years teacher
Learning support assistant
Nanny
Nurse - Child
Play therapist
Playworker
Teacher - Primary School

More information?

Speak to PCS
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<https://www.myworldofwork.co.uk/>
OR
My Kids Career
<https://mykidscareer.com>

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OR
My Kids Career
<https://mykidscareer.com>
/

Health and Food Technology

National 4/5

Faculty Head: Mr. S. McBride



Course Information – What is it about

The course allows pupils to develop knowledge and understanding of the relationship between food, health and nutrition. Pupils will also develop knowledge and understanding of dietary needs for individuals and groups at various stages of life and explain current dietary advice. Through practical activities, they will produce and reflect on food products which meet individual needs.

Pupils develop knowledge and understanding of the functional properties of ingredients in food and their use in developing new food products. Pupils will develop an understanding of the stages involved in developing food products and, through a problem-solving approach, produce a food product to meet specified needs. Pupils will also develop and apply knowledge and understanding of safe and hygienic food practices.

Pupils develop knowledge and understanding of consumer food choices. They will explore factors which may affect food choices and develop knowledge and understanding of contemporary food issues. They will consider technological developments in food and organisations which protect consumer interests. They will also develop knowledge and understanding of food labelling and how it helps consumers make informed food choices.

Course Content – What do you do

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

- explaining the relationship between health, food and nutrition and application of understanding in practical contexts
- explaining the functional properties of food
- understanding current consumer issues and how to make informed consumer decisions
- a range of technological skills related to food production
- organisational skills necessary to plan, prepare and evaluate products and processes
- solving problems related to a range of health, food, nutrition and consumer needs

There are also opportunities within the course for candidates to develop:

- a range of practical food preparation skills and techniques using appropriate tools and equipment
- an understanding of safe and hygienic practices

Assessment Two parts to the assessment (externally marked)

The question paper accounts for 50% of the final mark and is out of 60 marks. The assignment is also worth 50% of the mark and is also out of 60 marks.

Progression:

National 5 - Higher

Careers this qualification can help

Baker
Butcher
Cake decorator
Catering manager
Chef
Careers in Education: HFT
Teacher, PE Teacher, Science
Teacher, Primary Teacher
Careers in the Health Sector: as these are all linked to diet, nutrition and health
Food Product Development
Environmental
Health Officer
Health Care
Public Health Advisor
Food Technologist
Nutritionist
Food Scientist
Consumer Organizations e.g. Food Standards Agency
Kitchen manager
Residential support worker
Restaurant manager

More information?

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OR

My Kids Career

<https://mykidscareer.com>

Practical Cookery

Faculty Head: Mr. S. McBride



Course Information – What is it about

This Course aims to further develop learners' life skills and enhance their personal effectiveness in terms of cookery and to provide a set of skills for those who wish to progress to further study in the hospitality context. In preparing learners for life, the Course anticipates their future needs in that it enables them to learn how to plan, prepare and cook food for themselves and others. It also develops organisational skills, which have an application in a wide variety of contexts.

Course Content – What do you do

The broad structure of the Course meets its purpose and aims, which are addressed by the Units it comprises.

The Course contains a significant practical component, which involves experiential learning, and is supported by related theory. It uses real-life hospitality contexts, which makes it relevant to the world of work.

The Course makes an important contribution to general education through developing a range of essential skills. Its contribution to vocational education is important because it allows progression to a range of careers in the hospitality industry. The Course also supports the wider curriculum through developing learners' understanding of the importance of sustainable ingredients.

Assessment for National 4

Pupils have to prepare and cook a two course meal that is internal assessed. There is no written exam paper.

Assessment for National 5

There are three assessment components: an assignment (a time plan) and a practical activity (preparing and cooking a three-course meal) and a question paper. The assignment and practical activity make up 75% of the marks and the exam paper the remaining 25%. Both the assignment and the written paper are externally marked.

Progression:

National 4- National 5
National 5- College

Careers this qualification can help

Baker
Butcher
Cake decorator
Catering manager
Chef
Careers in Education: HFT
Teacher, PE Teacher, Science
Teacher, Primary Teacher
Careers in the Health Sector: as these are all linked to diet, nutrition and health
Food Product Development
Environmental
Health Officer
Health Care
Public Health Advisor
Food Technologist
Nutritionist
Food Scientist
Consumer Organizations e.g. Food Standards Agency
Kitchen manager
Residential support worker
Restaurant manager

More information?

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PE

Faculty Head: Mr. S. McBride

National 4/5 & Core



Course Information – What is it about

National 5 PE aims to develop pupil's ability to perform a range of movement skills in a variety of sports. Successful candidates are able to analyse their own performances and identify weaknesses in it. They will then be training to improve these skills in order to become a better sports person.

National 5 PE is structured as follows: 5 periods per week - 4 practical, 1 theory

Covers Table Tennis, Swimming, Basketball and Badminton plus 1 other

National 5 PE has a 50/50 split of marks so practical performance is added to theory performance to get a final mark. There is no final exam; instead we have a portfolio of written work completed in class.

Course Content – What do you do

Performance

This aims to develop a pupil's ability in a range of activities. We cover a wide variety of skills and help pupils to select and apply the appropriate ones to each situation in an activity. Candidates should be able to demonstrate a variety of skills, control and fluency, decision making and tactical awareness in order to achieve the highest marks.

Theory

This section aims to develop the pupil's knowledge and understanding on the different factors that can have an impact on them when taking part in sport. These include the mental, emotional and social factors that can have an effect on performance.

All activities in the course are mandatory and maximum effort is expected in the practical and theory setting.

Assessment

Throughout the course pupils will be internally assessed over two sports agreed on between teacher and pupil (60 marks) as well as completing an on-going written portfolio assessment in class (60 marks) that will be sent to SQA for marking. There is no exam for National 4 or 5 at present.

Progression:

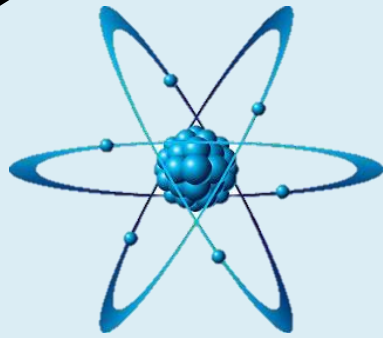
National 4 – National 5
National 5- Higher
Higher Sports Leadership

Careers this qualification can help

Ambulance service
Army officer
Army soldier
Bodyguard
Coastguard
Chiropractor
Dancer
Dance movement psychotherapist
Dance teacher
Diver
Firefighter
Fitness instructor
Fitness vlogger
Footballer
Golf Professional
Health and Fitness Instructor
Horse riding instructor
Jockey
Leisure center attendant
Leisure center manager
Lifeguard or Pool Attendant
Motorsports Person
Nutritionist
Nutrition vlogger
Occupational therapy support worker
Outdoor Pursuits Instructor or Leader
Personal Trainer
Physiotherapist
Physiotherapy Assistant
Psychologist - Sports and Exercise
Play therapist
Police officer
Royal Marines- Commando/Officer
Strength and conditioning coach
Sport and exercise Scientist
Sports Coach or Instructor
Sports Development Officer
Sports or Leisure Centre Assistant
Sports or Leisure Centre Manager
Sports Therapist
Sports analyst
Sports journalist
Sport massage
Sports psychologist
Stunt Performer
Teacher - Secondary School - Physical Education
Track and Field Athlete

More information?

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Sciences



Biology

Faculty Head: Dr. N. McIntyre



Course Information – What is it about

The purpose of the Course is to develop learners' interest and enthusiasm for biology in a range of contexts. The skills of scientific inquiry and investigation are developed, throughout the Course, by investigating the applications of biology. This will enable learners to become scientifically literate citizens, able to review the science-based claims they will meet.

The Course also serves to equip all learners with an understanding of the impact of biology on everyday life, and with the knowledge and skills to be able to evaluate media reports. This will also equip learners to make their own decisions on issues within a modern society where the body of scientific knowledge and its applications and implications are ever developing. By using the skills base and knowledge and understanding of biology, learners will become scientifically literate citizens.

Course Content – What do you do

The Course has three mandatory Units.

Cell Biology: In this Unit, learners will develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding in the context of cell biology. Learners will research issues and communicate information related to their findings, which will develop skills of scientific literacy.

The key areas covered are: cell structure; transport across cell membranes; DNA and the production of proteins; proteins; genetic engineering and respiration.

Multicellular Organisms: In this Unit, learners will develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding in the context of multicellular organisms. Learners will research issues and communicate information related to their findings, which will develop skills of scientific literacy.

The key areas covered are: producing new cells; control and communication; reproduction, variation and inheritance; transport systems – plants; transport systems – animals and absorption of materials.

Life on Earth: In this Unit, learners will develop skills of scientific inquiry, investigation and analytical thinking, along with knowledge and understanding in the context of life on Earth. Learners will research issues and communicate information related to their findings, which will develop scientific literacy.

The key areas covered are: ecosystems; distribution of organisms; photosynthesis; energy in ecosystems; food production; evolution of species.

Assessment

Assignment involving an investigation experiment (20%).

Written paper (80%). The written paper tests the skills, knowledge and understanding developed throughout the course.

Progression:

National 4- National 5

National 5 – Higher

National 5 – Higher Human

Careers this qualification can help

Anatomical Pathology Technologist
 Biochemist Biologist
 Dental Nurse
 Dental Technician
 Dentist Dietitian Doctor
 Fish Farm Worker
 Food Scientist or Technologist
 Food Technician
 Forensic Scientist
 Gardener Geneticist
 Health and Safety Inspector
 Health Care Assistant or Nursing Auxiliary
 Herbalist Homeopath
 Laboratory Technician
 Landscape Designer
 Medical Representative
 Meteorologist
 Microbiologist
 Midwife
 Naturopath
 Nurse
 Occupational Therapist
 Oceanographer
 Optometrist Orthodontist
 Osteopath
 Paramedic
 Pharmacist
 Pharmacologist
 Pharmacy Technician
 Physiotherapist
 Physiotherapy Assistant
 Podiatrist or Chiropodist
 Psychologist
 Public Health Nurse or Health Visitor
 Radiographer
 Speech and Language Therapist Sport and Exercise Scientist Sports Therapist
 Teacher - Secondary School - Biology with Science Veterinary Nurse Veterinary Surgeon

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Chemistry

Faculty Head: Dr. N. McIntyre

National 4/5



Course Information – What is it about

The purpose of the Course is to develop learners' curiosity, interest and enthusiasm for chemistry in a range of contexts. The Course gives the opportunities for learners to develop the ability to think analytically, creatively and independently, and to make reasoned evaluations. The Course covers a variety of contexts relevant to chemistry's impact on the environment and society through the chemistry of the Earth's resources, the chemistry of everyday products and environmental analysis. It offers a broad, versatile and adaptable skills set which is valued in the workplace, and forms the basis for progress onto study of chemistry at a higher level, while also providing a knowledge base useful in the study of all of the sciences.

Course Content – What do you do

The Course has three mandatory Units, as listed below, which are designed to provide progression to the corresponding Units at Higher.

Chemical Changes and Structure: In this Unit, learners will develop scientific skills and knowledge of the chemical reactions in our world. Through practical experience, learners will investigate average rates of reaction and the chemistry of neutralisation reactions. Focusing on these reactions, learners will work towards the concept of balanced chemical equations. Learners will explore the mole concept, formulae and reaction quantities. The connection between bonding and chemical properties of materials is investigated.

Nature's Chemistry: The Earth has a rich supply of natural resources which are used by all of us. In this Unit, learners will investigate the physical and chemical properties of hydrocarbons, branched chain alkanes and alkenes, and straight chain alcohols and carboxylic acids. They will explore their chemical reactions and their uses in everyday consumer products. Learners will investigate the comparison of energy from different fuels.

Chemistry in Society: In this Unit, learners will develop skills and carry out practical investigations related to the chemistry of materials. Learners will focus on the chemistry of metals and their bonding, reactions and uses. The connection between bonding in plastics, their physical properties and their uses is investigated. Learners will investigate the chemical reactions and processes used to manufacture fertilisers. They will research the use and effect of different types of nuclear radiation. Learners will investigate chemical analysis techniques used for monitoring the environment.

Assessment:

The National 5 course is assessed:

- Assignment involving an investigation experiment (20%).
- Written paper (80%). The written paper tests the skills, knowledge and understanding developed throughout the course.

Progression:

National 4 – National 5
National 5 - Higher

Careers this qualification can help

Acupuncturist
Air Quality Consultant
Biochemist
Biologist
Biomedical Scientist
Biotechnologist
Cardiac Physiologist
Chemical Engineer
Chemist
Clinical or Biomedical Engineer
Dentist
Dietitian
Doctor
Farm Manager
Food Technician
Forensic Scientist
Geneticist
Geologist
Health and Safety Inspector
Herbalist
Homeopath
Laboratory Technician
Marine Biologist
Medical Pathologist
Medical Representative
Microbiologist
Midwife
Mining Engineer
Nature Conservationist
Occupational Therapist
Offshore Service Technician
Operating Department Practitioner
Paramedic
Perfusionist
Pest Control Technician
Pharmacist
Pharmacy Technician
Physiotherapist
Practice Nurse or Nurse Practitioner
Psychologist
Radiographer
Recycling Officer
Renewable Energy Consultant
ROV Pilot Technician
Scenes of Crime Officer or Scene Examiner
Scottish SPCA Inspector
Sterile Services Technician
Teacher - Secondary School - Chemistry with Science
Technical Brewer
Veterinary Nurse
Veterinary Surgeon
Zoo Keeper

More information?

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Physics

Faculty Head: Dr. N. McIntyre



Course Information – What is it about

The purpose of the Course is to develop learners' interest and enthusiasm for physics in a range of contexts. The skills of scientific inquiry and investigation are developed, throughout the Course, by investigating the applications of physics. This will enable learners to become scientifically literate citizens, able to review the science-based claims they will meet.

Physics gives learners an insight into the underlying nature of our world and its place in the universe. From the sources of the power we use, to the exploration of space, it covers a range of applications of the relationships that have been discovered through experiment and calculation, including those used in modern technology. An experimental and investigative approach is used to develop knowledge and understanding of physics concepts.

Course Content – What do you do

The Course develops skills in a physics context. Learners will gain an understanding of physics, and develop this through a variety of approaches, including practical activities.

The Course has six mandatory Units, as listed below.

Dynamics - In this area, the topics covered are: vectors and scalars; velocity–time graphs; acceleration; Newton's laws; energy; projectile motion.

Space - In this area, the topics covered are: space exploration; cosmology.

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

Properties of matter - In this area, the topics covered are: specific heat capacity; specific latent heat; gas laws and the kinetic model.

Waves - In this area, the topics covered are: wave parameters and behaviours; electromagnetic spectrum; refraction of light.

Radiation - In this area, the topic covered is nuclear radiation.

Assessment:

The National 5 course is assessed:

- Assignment involving an investigation experiment (20%).
- Written paper (80%). The written paper tests the skills, knowledge and understanding developed throughout the course.

Progression:

National 4 – National 5
National 5 - Higher

Careers this qualification can help

Airline Pilot
Astronomer
Broadcasting Engineer
Building Control Officer
Building Services Engineer
Chemical Engineer
Chemical Engineering Technician
Civil Engineering Technician Civil or Structural Engineer
Construction Manager or Site Manager
Construction Plant Mechanic
Control and Instrument Engineer
Dispensing Optician
Doctor – General Practitioner
Electrical Engineer
Electrical or Electronic Engineering Technician
Electrician
Electronic Engineer
Geologist Geophysicist
Health and Safety Inspector
Helicopter Pilot
Manufacturing Systems Engineer
Marine Engineer
Mechanical Engineer
Mechanical Engineering Technician
Microbiologist
Mining Engineer
Motor Vehicle Technician
Network Manager Nuclear Engineer
Physicist
Physiotherapist
Physiotherapy Assistant
Radiographer
Scenes of Crime Officer or Scene Examiner
Special Effects Technician
Surveyor - General Practice
Surveyor - Rural Practice
Teacher - Secondary School - Physics with Science
Toolmaker
Tool pusher
Train Maintenance Technician

More information?

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Lab Skills

Faculty Head: Dr. N. McIntyre



Course Information – What is it about

National 5 Skills for Work: Laboratory Science is an introductory qualification. The course provides a broad experiential introduction to laboratory science. Learners will explore a variety of industries and services, and career opportunities, in science laboratories locally, nationally, and globally.

They will develop the basic practical skills and knowledge needed for working in a laboratory: measuring, weighing and preparing compounds and solutions; and health and safety requirements. Practical skills in microbiology, measuring radioactivity, chemical handling and laboratory instrumentation will be developed.

Course Content – What do you do

Careers using Laboratory Science: This unit introduces learners to the wide range of industries and services that use scientific knowledge and laboratory skills. They learn about the variety of ways in which science and laboratory skills are used in different industries and services and about the job roles that use these skills. Learners investigate a range of career opportunities in industries and services that use laboratory science. They investigate the skills, qualifications and experience required for a job role of personal interest in the field of laboratory science. Learners prepare for employment, further education or training through producing their own curriculum vitae (CV) for a specific job role in a laboratory science setting. Learners reflect on and evaluate their own employability skills and attributes throughout the unit.

Working in a Laboratory: This unit provides learners with the opportunity to learn basic laboratory skills such as handling chemicals and preparing solutions, and calculate and present results of their practical work. To maintain health and safety while working in a laboratory environment, learners follow safety and security procedures, and carry out a risk assessment. There are opportunities for learners to develop numeracy and communication skills when they record and report on their practical work.

Practical Skills: This unit provides learners with the opportunity to develop the skills most commonly used in laboratories. Health and safety is integral to the unit. Learners learn how to: • work safely with potentially hazardous materials, such as microorganisms • measure radioactivity • develop competence using laboratory equipment • perform a titration, chromatography and distillation Laboratory

Practical Investigation: In this unit, learners work to produce a plan, including practical procedures, to investigate a scientific topic. They devise methods that include a practical procedure to test the aim. Learners are assessed on their ability to carry out the practical procedure competently and safely. Learners produce a scientific report with their individual analysis and evaluation.

Progression:

National 4- National 5
National 5 – Higher
National 5 – Higher Human

Careers this qualification can help

Anatomical Pathology
Technologist
Biochemist Biologist
Dental Nurse
Dental Technician
Dentist Dietitian Doctor
Fish Farm Worker
Food Scientist or
Technologist
Food Technician
Forensic Scientist
Gardener Geneticist
Health and Safety
Inspector
Health Care Assistant or
Nursing Auxiliary
Herbalist Homeopath
Laboratory Technician
Landscape Designer
Medical Representative
Meteorologist
Microbiologist
Midwife
Naturopath
Nurse
Occupational Therapist
Oceanographer
Optometrist Orthodontist
Osteopath
Paramedic
Pharmacist
Pharmacologist
Pharmacy Technician
Physiotherapist
Physiotherapy Assistant
Podiatrist or Chiropodist
Psychologist
Public Health Nurse or
Health Visitor
Radiographer
Speech and Language
Therapist Sport and
Exercise Scientist Sports
Therapist
Teacher - Secondary
School - Biology with
Science Veterinary
Nurse Veterinary
Surgeon

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Social Subjects



Geography

National 4/5

Faculty Head: Mrs. N. Adam/ Dr. F. Milne



Course Information – What is it about

The purpose of Geography is to develop the learner's understanding of our changing world and its human and physical processes. In the 21st century, with growing awareness of the impact of human activity upon the environment and scarce resources, the study of Geography fosters positive life-long attitudes of environmental stewardship, sustainability and global citizenship. This qualification will provide learners with the knowledge and skills to enable them to contribute effectively to their local communities and wider society.

Course Content – What do you do

The topics studied include:

Physical Environments – pupils will study the topics of glaciated environments, coastal environments and weather. A focus on UK based case studies will broaden the pupil's appreciation for the geography close to home.

Human Environments – pupils will explore processes and interactions at work within urban and rural environments in developed and developing countries. Pupils will study the topics of population, rural environments and urban change and management.

Global Issues – pupils will study health with a focus on malaria, heart disease and AIDS. They will also study climate change.

Assessment

National 4

Internal assessments will be on-going throughout the course and take various forms. Pupils will then undertake an Added Value project.

National 5

There are two components of the external course assessment:

- Component 1 – Question paper 80 marks
- Component 2 – Assignment 20 marks

Progression:

National 4 – National 5
National 5- Higher

Careers this qualification can help

Archaeologist
Cartographer
Civil Engineering
Technician Civil or
Structural Engineer
Countryside Ranger or
Warden Environmental
Consultant Environmental
Engineer
Forest Manager
Forest Ranger
Forest Worker
Gamekeeper
Geologist
Geophysicist
Landscape Architect
Meteorologist
Mining Engineer
Nature Conservationist
Oceanographer
Outdoor Pursuits
Instructor or Leader
Surveying Technician
Surveyor - Building
Surveyor - General
Practice Surveyor -
Hydrographic
Surveyor - Land or
Geomatics
Surveyor - Minerals or
Waste Management
Surveyor - Planning and
Development Surveyor -
Quantity
Surveyor - Rural Practice
Teacher - Secondary
School - Geography
Tour Manager or Tour
Leader Town and Country
Planner Town Planning
Technician Travel Agency
Manager
Travel Consultant

More information?

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History

National 4/5

Faculty Head: Mrs. N. Adam/ Dr. F. Milne



Course Information – What is it about

This Course develops a breadth and depth of knowledge and understanding of the past, and provides opportunities to consider how political, social, economic and cultural history relates to the world of today.

Course Content – What do you do

There are three compulsory Units which study issues of Scottish, British, European and world History ranging from the 18th to the 20th century.

The Trade of Enslaved People - In this Unit, find out about Britain's involvement of the Slave trade and its eventual abolition. This will also give learners the opportunity to look into the experiences of the Slaves themselves, the dreaded middle passage and the many attempts to stop the accursed trade of human life.

The Era of the Great War - Learn about the First World War, life in the trenches and the impact of the war back home in Scotland up to its end in 1918.

The Cold War – Learn about the Cold war from the reasons it started including the tension and relationships between East and West, to the development of Nuclear weapons. Look at Conflict in the period in places like Cuba and Vietnam and ultimately how the cold war never turned hot!

Assessment

National 4 – (Internally Marked) - on-going throughout the course and take various forms. Pupils will undertake an Added Value project.

National 5- (Marked by SQA) There are two components of the external course assessment:

- ✓ Assignment (**Worth 20 marks or 20% of final grade**)
- ✓ Final Exam of 14 questions (**Worth 80 Marks or 80% of final grade**).

Progression:

National 4 – National 5
National 5 - Higher

Careers this qualification can help

Archaeologist
Archivist
Art Gallery Curator
Broadcast Journalist
Civil service
Administrative officer
Civil Service Executive officer
Conservator
Diplomatic service officer
European Union Official
Further education lecturer
Higher Education lecturer
Law
Librarian
Library assistant
Magazine Journalist
Media Researcher
Museum assistant
Museum curator
Newspaper Journalist
Newspaper/Magazine editor
Politician
Primary School Teacher
Secondary School Teacher
Solicitor
Sub Editor
Tourist guide
Town planner
Trade Union official
Writer

More information?

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Modern Studies

National 4/5

Faculty Head: Mrs. N. Adam/ Dr. F. Milne



Course Information – What is it about

The purpose of Modern Studies is to encourage pupils to develop a greater understanding of the contemporary world and their place in it. They will have the opportunity to develop important attitudes such as respect of the values, beliefs and cultures of others; openness to new thinking and ideas; and a sense of responsibility and global citizenship.

Course Content – What do you do

The topics studied include:

Democracy in Scotland – Pupils will learn about the main features of a democratic political society using Scotland as an example. They will study topics including: devolved and reserved powers, participation in elections, influence of the media, voting systems and the role of MSP's.

Crime and Law – Pupils will learn about the nature of crime in Scotland, causes of crime and consequences of crime. They will study the criminal justice system in Scotland and different responses to crime from the government, police and prisons.

World Power – Pupils will study the USA. They will learn about the political system in the USA. They will also study social and economic issues in the USA and how these have been tackled.

Assessment

National 4- Internal assessments will be on-going throughout the course and take various forms. Pupils will undertake an Added Value project.

National 5- There are two components of the external course assessment:

- ✓ Component 1 – Question paper 80 marks
- ✓ Component 2 – Assignment 20 marks

Progression:

National 4 – National 5
National 5 - Higher

Careers this qualification can help

Advocate
Archivist
Broadcast journalist
Careers adviser
Civil service executive officer
Criminal intelligence analyst
Diplomatic service officer
Economic development officer
European Union official
Forensic computer analyst
Further education lecturer
Higher Education lecturer
Journalist or Reporter
Law
Librarian
Library assistant
Local government officer
Local government revenues officer
Magazine journalist
Member of Parliament (MP)
Media Researcher
Newspaper journalist
Newspaper or magazine editor
Parliamentary Assistant
Police officer
Politician
Primary School Teacher
Researcher – Broadcasting
Social worker
Solicitor
Sub-editor
Teacher - Secondary School - Modern Studies
Tourist guide
Trade union official
TV production runner
Welfare rights officer
Writer

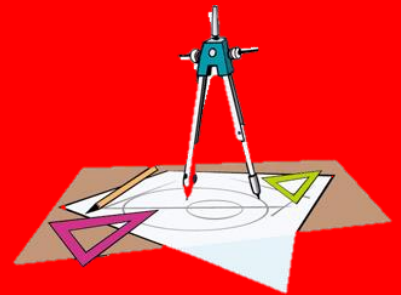
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Technological Subjects



Business Management

Faculty Head: Mrs. S. Hunter

National 4/5



Course Information – What is it about

Business plays an important role in society, as it creates wealth, prosperity, jobs and choices. It is therefore essential to have effective businesses and business managers to sustain this role.

The National 5 Business Management course helps you develop an understanding of the economic and financial environment in which businesses operate. This enables you to make an effective contribution to society as consumers, employees, employers or self-employed people.

The course highlights ways in which organisations operate and the steps they take to achieve their goals. It enables you to understand and make use of business information to interpret and report on overall business performance, in a range of contexts.

Course Content – What do you do

The Topics covered in S4 Include:

1. Understanding Business (Roles of business in society, customer satisfaction, types of business organisations, objectives, external and internal factors and stakeholders)
2. Management of Marketing (Customers, market research, marketing mix and technology)
3. Management of Operations (Suppliers, Inventory management, methods of production, quality management, ethical and environmental and technology)
4. Management of People (Recruitment and selection, training, motivating and retaining employees, legislation and technology)
5. Management of Finance (Sources of finance, break-even, cash budgeting, income statement and technology)

Assessment

Question Paper - 2 hours - 90 marks

Assignment - 5 hours - 30 marks

Progression:

Higher Business Management
Level 5 Customer Service

Careers this qualification can help

Bank or Building Society Adviser
Bank or Building Society Manager
Car Hire Agent
Cinema or Theatre Manager
Civil Service Administrative Assistant and Officer
Civil Service Administrator - Fast Stream Clerical or Administrative
Assistant Company Secretary
Council Tax Officer Credit Manager
Customer Service Administrator
Diplomatic Service Executive
Assistant Diplomatic Service
Operational Officer Economic Development Officer Economist
European Union Administrator
Financial Adviser
Health Service Manager Hotel
General Manager Hotel Receptionist
Housing Officer
Human Resources Officer or Manager Insurance Account
Manager Insurance Broker
Insurance Claims Handler Insurance Loss Adjuster Insurance Risk
Surveyor Insurance Underwriter
Investment Analyst Investment Banker
Investment Operations
Administrator Local Government
Administrative Assistant Local Government Administrator
Management Consultant
Manager
Market Research Executive
Marketing Manager
Office Manager
Operational Research Officer
Personal Assistant or Executive
Secretary Post Office Customer Service Consultant Project Manager
Quality Control Technician
Receptionist
Restaurant Manager Retail Manager
Sports or Leisure Centre Manager
Stockbroker
Tax Inspector
Teacher - Secondary School - Business Education

More information?

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Computing Science

Faculty Head: Mrs. S. Hunter

National 4/5



Course Information – What is it about

Computing science is vital to everyday life — socially, technologically and economically; it shapes the world in which we live and its future. Computing is embedded in the world around us, from systems and devices in our homes and places of work, to how we access education, entertainment, transportation and communication. Understanding computational processes and thinking is also vital to many other fields including science, economics, business and industry.

Course Content – What do you do

Software Design and Development - practical problem solving, Computational thinking skills to design, build and evaluate software using Python.

Computer Systems - learn about how a processor works and how data and instructions are represented on a computer system.

Database Design and Development - computational thinking skills to implement practical solutions using development tools such as SQL and to develop an understanding of the technical, legal issues related to Database systems.

Web Design and Development - computational thinking skills to implement practical solutions using a range of development tools such as HTML and CSS.

Assessment

To gain a National 5 qualification, learners must sit a practical coursework (50 Marks) and exam paper (110 marks).

Progression:

National 4 – National 5
National 5 - Higher

Careers this qualification can help

Air Traffic Controller
Airline Pilot
Architectural Technologist
Astronomer
CAD Technician
Database Administrator
Forensic Scientist
Games Designer
Games Tester
Geologist
Geophysicist
Graphic Designer
Helicopter Pilot
IT Helpdesk Analyst
IT Support Engineer
IT Support Worker
IT Trainer
Management Consultant
Manufacturing Systems Engineer
Mathematician
Medical Physicist
Meteorologist
Mining Engineer
Multimedia Developer
Network Manager
Nuclear Engineer
Oceanographer
Operational Research Officer
Patent Agent
Patent Examiner
Physicist
Software Engineer or Developer
Systems Analyst
Teacher - Secondary School - Computing
Web Developer

More information?

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Engineering Science

Faculty Head: Mrs. S. Hunter

National 4/5



Course Information – What is it about

The course helps pupils to develop an understanding of the far-reaching impact of engineering on our society. They learn about the central role of engineers as designers and problem-solvers, able to conceive, design, implement and operate complex systems.

Pupils develop the ability to:

- apply knowledge and understanding of key engineering facts and ideas
- understand the relationships between engineering, mathematics and science
- apply skills in analysis, design, construction and evaluation to a range of engineering problems
- communicate engineering concepts clearly and concisely, using appropriate terminology
- develop an understanding of the role and impact of engineering in changing and influencing our environment and society

Course Content – What do you do

The course develops skills in three main areas. Pupils are able to apply these skills through a range of contexts, within the broad discipline of engineering.

Engineering contexts and challenges - Pupils develop an understanding of engineering concepts by exploring a range of engineered objects, engineering problems and solutions. This allows them to explore some existing and emerging technologies and challenges and to consider the implications relating to the environment, sustainable development and economic and social issues.

Electronics and control - Pupils explore a range of key concepts and devices used in electronic control systems, including analogue, digital and programmable systems. They develop skills in problem-solving and evaluating through simulation, practical projects and investigative tasks in a range of contexts.

Mechanisms and structures - Pupils develop an understanding of mechanisms and structures. They develop skills in problem-solving and evaluating through simulation, practical projects and investigative tasks in a range of contexts.

Assessment

National 4 - Pupils are required to complete unit assessments and an Added Value (AV) Unit. All Units are internally assessed.

National 5 - Question paper 110 marks, Assignment 50 marks

Progression:

National 4- National 5
National 5- Higher

Careers this qualification can help

Aerial and Satellite Engineer
Aerospace Engineer
Agricultural or Horticultural Scientist
Air Conditioning Engineer
Aircraft Mechanic or Engineer
Airline Pilot
Architectural Technologist
Assembler - Electronics
Automotive Engineer
Biotechnologist
Blacksmith
Broadcasting Engineer
Building Control Officer
Building Services Engineer
Building Technician
Cabinet Maker
CAD Technician
Camera Operator
Cardiac Physiologist
Chemical Engineer
Chemical Engineering Technician
Chemical Plant Process Operative
Civil Engineering Technician
Civil or Structural Engineer
Clerk of Works
Clinical or Biomedical Engineer
Construction Manager or Site Manager
Control and Instrument Engineer
Dental Technician
Derrickhand
Digital Imaging Specialist
Driller
Drilling Engineer
Dynamic Positioning Operator
Electrical Engineer
Electrical or Electronic Engineering Technician
Electrician
Electricity Distribution Worker
Electronic Engineer
Engineering Assembler
Engineering Craft Machinist
Environmental Engineer
Fabricator or Plater
Facilities Manager
Field Service Mechanic or Engineer
Film Media Technician
Film or Video Editor
Gas Installation Engineer
Lighting Technician
Lightning Conductor Engineer
Locksmith
Manufacturing Systems Engineer
Marine Engineer

More information?

Practical Woodworking

National 4/5

Faculty Head: Mrs. S. Hunter



Course Information – What is it about

The National 5 Practical Woodworking course provides opportunities for pupils to gain a range of theoretical and practical woodworking skills relating to tools, equipment, processes and materials. They also develop skills in reading and interpreting working drawings and related documents as well as an understanding of health and safety. The course is practical, exploratory and experiential in nature. It engages pupils with technologies, allowing them to consider the impact that practical technologies have on our environment and society.

Through this, they develop skills, knowledge and understanding of:

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

Course Content – What do you do

This course develops skills in three main areas. Each area provides opportunities for pupils to understand safe working practices, sustainability issues, and good practice in recycling within a workshop environment. Each area of study covers a different set of woodworking skills. All areas include skills and associated knowledge in measuring, marking out, cutting and jointing techniques.

The areas of study are:

Flat-frame construction - develop skills, knowledge and understanding in the use of woodworking tools and in making woodworking joints and assemblies commonly used in flat-frame joinery, involving complex features. Pupils develop their ability to read and use drawings and diagrams depicting both familiar and unfamiliar woodwork tasks.

Carcase construction - develop skills, knowledge and understanding in the use of woodworking tools and in making woodworking joints and assemblies commonly used in carcase construction, involving complex features. This may include working with manufactured board or with frames and panels. Pupils use working drawings or diagrams in both familiar and unfamiliar contexts that require some interpretation on their part.

Machining and finishing - develop skills, knowledge and understanding in using machine and power tools. Pupils also develop skills in a variety of woodworking surface preparations and finishing techniques.

Assessment

National 4 - Pupils are required to complete unit assessments and an Added Value (AV) Unit. All Units are internally assessed.

National 5 - Question paper 60 marks, Assignment 70 marks

Progression:

National 4- National 5
National 5- HNC/HND
Courses

Careers this qualification can help

Aeronautical Engineer
Architect
Architectural Technologist
Automotive Engineer Building
Services Engineer Building
Technician Cabinet Maker
Carpenter or Joiner
Civil Engineering Technician Civil
or Structural Engineer Clerk of
Works
Construction Manager or Site
Manager
Construction Plant Mechanic
Driller
Drilling Engineer
Electrical Engineer
Electrical or Electronic
Engineering Technician
Electronic Engineer Engineering
Craft Machinist Engineering
Machine Operator Facilities
Manager
Farrier
Field Service Mechanic or
Engineer
Furniture Designer IT Support
Engineer Land-based Engineer
Land-based Mechanic
Landscape Architect
Lightning Conductor Engineer
Locksmith
Manufacturing Systems
Engineer
Marine Engineer
Mechanical Engineering
Technician Merchant Navy
Engineering Officer Mining
Engineer
Model Maker
Musical Instrument Technologist
Naval Architect
Nuclear Engineer
Offshore Service Technician
Railway Maintenance
Engineering Technician
- Electrification and Plant
Railway Maintenance
Engineering Technician
- Signaling
Railway Maintenance
Engineering Technician
- Telecoms Refrigeration
Engineer Renewable Energy
Engineer Roughneck Roustabout
Sculptor (Art and Design - 3
Dimensional
Design)
Set Designer

More information?

Speak to PCS

Visit My World of Work

<https://www.myworldofwork>



Wider Achievement Subjects



Health Sector

National 4/5



Course Information – What is it about

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

You will investigate a range of job roles and career opportunities as well as participating in a job interview.

You will also develop a wide range of skills, including research and self-evaluation skills.

Emphasis throughout all Units is on the employability skills and attitudes which will help prepare candidates for the workplace.

Course Content – What do you do

There are 5 units to work on across the year

1. Working in Health Sector Settings
2. Employability Skills in the Health Sector
3. Medical Devices and Pharmaceuticals
4. Improving Health and Well-being
5. Physiology of the Cardiovascular System

Assessment

Unit Assessments for each topic as you go.

No final exam for this course.

Progression:

National 4- National 5

National 5 – Higher

National 5 – Higher Human

Careers this qualification can help

Anatomical Pathology Technologist
Biochemist Biologist
Dental Nurse
Dental Technician
Dentist Dietitian Doctor
Fish Farm Worker
Food Scientist or Technologist
Food Technician
Forensic Scientist
Gardener Geneticist
Health and Safety Inspector
Health Care Assistant or Nursing Auxiliary
Herbalist Homeopath
Laboratory Technician
Landscape Designer
Medical Representative
Meteorologist
Microbiologist
Midwife
Naturopath
Nurse
Occupational Therapist
Oceanographer
Optometrist Orthodontist
Osteopath
Paramedic
Pharmacist
Pharmacologist
Pharmacy Technician
Physiotherapist
Physiotherapy Assistant
Podiatrist or Chiropodist
Psychologist
Public Health Nurse or Health Visitor
Radiographer
Speech and Language Therapist Sport and Exercise Scientist Sports Therapist
Teacher - Secondary School - Biology with Science Veterinary Nurse Veterinary Surgeon

More information?

Speak to PCS

Visit My World of Work

<https://www.myworldofwork.co.uk/>

OR

My Kids Career

<https://mykidscareer.com>



Course Information – What is it about

National 4 Skills for Work: Rural Skills is an introductory qualification. It develops the skills, knowledge and attitudes, needed for work in the land-based industries.

This course is for pupils who enjoy practical work. It is also good for those who like to get out and about and may be interested in working in rural industries - areas such as agriculture livestock, equine industries, horticulture, landscaping, crop production, forestry, and animal care. The course also allows the opportunity to explore the diverse employment prospects that exist in the land-based industries

Course Content – What do you do

- ✓ The full course consists of five units. They are taken in school and sometimes with the help of other partners such as local farms and gardens.
- ✓ Land Based Industries: The emphasis in this unit is on plant establishment and care. Pupils will have to carry out research for a presentation.
- ✓ Employability Skills: This unit supports pupils in their study skills, behaviour, punctuality, courtesy and awareness of Health and Safety matters.
- ✓ Estate Maintenance: This unit introduces pupils to a variety of skills including Dry Stone Dyke repair, Fencing, Painting and Cement Mixing.
- ✓ Crop Production: Pupils will be involved in preparing a site for crop production and ensuring that the crop selected does well. They will develop an understanding of the factors which can contribute to successful crop production.
- ✓ Soft Landscaping: Pupils assist in the preparation of a site for a project which could involve hedge planting, tree planting or bedding plant displays. They will learn about the importance of appropriate spacing and the selection of fertilisers.

Progression:

National 4- National 5
National 5- Higher

Careers this qualification can help

This Qualification can help with multiple career progressions.

*If you have any questions regarding careers please speak to your PCS teacher
The careers advisor*

Or Online

Visit My World of Work
<https://www.myworldofwork.co.uk/>

OR

My Kids Career
<https://mykidscareer.com/>

Skills for work and foundation apprenticeship courses can be taken instead of any one column.

Ask your PCS teacher for a college course choice sheet if interested



Choosing to Study at Dundee and Angus College

A number of young people in the Senior phase chose to study courses offered by Dundee and Angus College. These courses may be delivered at the Arbroath Campus, Gardyne Campus or Kingsway Campus. This is dependent upon the chosen course. There are also a small number of courses delivered within some schools by Dundee and Angus College staff.

When Choosing to study a course delivered at Dundee and Angus college it is important to understand the commitment to travel to the location. All transport will be funded by Angus Council. Transport is either via public bus service, Scotrail train service or a combination of both. It may be necessary to leave home earlier than usual due to the times of the transport. It may also be necessary to be able to make your own way to the closest bus/train station.

It is important to note that on a number of occasions this session the train service from Arbroath to Carnoustie and Monifieth was cancelled, causing young people to wait up to 50 mins for the next train.

There are risks associated with all modes of transport. If you choose to travel to college by train please ensure you watch the safety videos provided by network Rail.

<https://www.networkrail.co.uk/communities/safety-in-community/safety-education/secondary-school-resources>

Webster's High School: Course Choice Form 2025/26

Name:	Form class:	
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In S4 all pupils will study English, Maths and the core subjects of PSE and PE. For the remaining five choices, pupils should pick subjects they are currently studying in S3 with the exception of Admin and IT and Lab Skills or Health Sector. If there are no subjects in a column that the pupil is currently studying this can be discussed with the pupils PCS teacher. While every effort will be made to meet pupil requests a very low uptake may result in a course not running.

S4	Column A		Column B		Column C		Column D		Column E	
	All pupils will continue with English and Mathematics									
	In addition select one subject from each column below									
National 5 (SCQF Level 5)	Biology		Art & Design		Admin and IT		Biology		Art & Design	
	Childcare Level 5 SFW		Chemistry		Biology		Business Management		Biology	
	Computing Science		Geography		Computing Science		French		Chemistry	
	Drama		History		Engineering Science		Geography		Design and Manufacture	
	Geography		Lab Skills or Health sector		History		Music		Modern Studies	
	Modern Studies		Music		Practical Cookery		Physical Education		Physical Education	
	Music Technology		NPA Photography		Spanish		Physics		Physics	
	Practical Cookery						Practical Woodworking		Rural Skills	
	Practical Woodworking									
College based Skills for Work courses (levels 4 & 5) can be taken instead of any one column. Taught in college every Friday. <i>You can only pick a College course if you are 16 before 30th September 2027 and plan to leave at the end of S4.</i>										

S4 Senior phase	S5 Senior phase	S6 Senior phase	Future career Goals (16+):
Subject 1- English	Subject 1	Subject 1	Career goal/aim:
Subject 2- Maths	Subject 2	Subject 2	
Subject 3	Subject 3	Subject 3	Qualifications required:
Subject 4	Subject 4	Subject 4	
Subject 5	Subject 5	Subject 5	Intended leaving date:
Subject 6			
Subject 7			Preferred Route: