



**GREENWOOD
ACADEMY**

S4

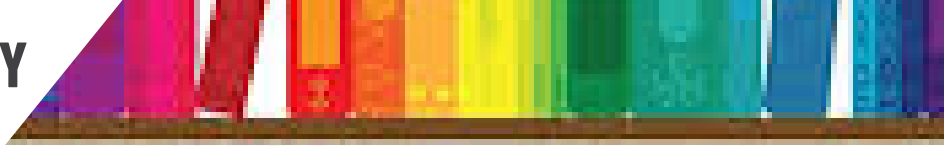
LEARNING CHOICES

SENIOR PHASE

INFORMATION

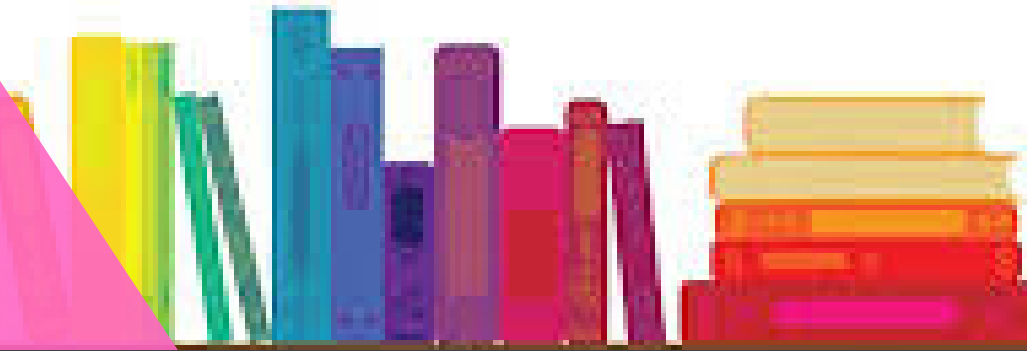
- ✓ Teaching Methods
- ✓ Course Content
- ✓ Progression Routes
- ✓ Assessment
- ✓ Homework
- ✓ Career Pathways





ENGLISH

LANGUAGES & LITERACY



Awards Available: National 4

Teaching Methods: What does the learning look like?

We look forward to working with you at National 4 level in the English Department. It will be a year of discovering new writers, new texts, new ideas and new challenges and will, we believe, be a rewarding course for everyone.

You will encounter the usual mixture of classroom practice in English: direct teaching; pair and group work; whole class discussion and independent research which will create a stimulating but challenging learning experience.

Course Content: What will I learn?

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

National 4 candidates will complete a portfolio of work that will be assessed by your teacher. This will involve a mixture of reading and responding to texts, giving presentations and writing your own work.



Assessment

- Analysis and Evaluation Unit (Reading & Listening)
- Creation and Production Unit (Writing & Talking)
- Literacy Unit
- Added Value Unit



Progression in the Senior Phase

English National 5
Communication Level 5



Homework

You will be given formal homework on a weekly basis. You will also have various longer term projects. In total, you should spend at least two hours at home on English per week.



Skills

You will develop your language skills and critical appreciation of literature at a level beyond that already encountered in CfE Level 4. You will have a greater opportunity to work independently, plan your work and meet challenging deadlines.

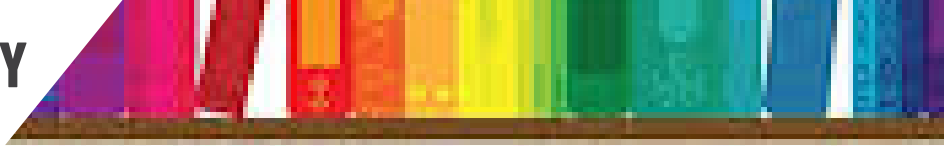


CAREER PATHWAYS

Journalism
(print or broadcast),
Advertising
Marketing,

Photography
Camera operator
Researcher

Public relations
Teaching
Editing
(film, TV or print)



ENGLISH

LANGUAGES & LITERACY



Awards Available: National 5

Teaching Methods: What does the learning look like?

We look forward to working with you at National 5 level in the English Department. It will be a year of discovering new writers, new texts, new ideas and new challenges and will, we believe, be a rewarding course for everyone. National 5 English is an essential qualification that is fundamental to developing the ability to communicate effectively, and understand increasingly complex ideas that apply to all aspects of life. Central to the subject is the study of a wide range of modern and traditional literature, and the creation of original texts.

Course Content: What will I learn?

Pupils studying National 5 English will learn to : • Use language to communicate ideas and information • Use creative and critical thinking skills • Develop critical literacy skills and personal, interpersonal and team working skills • Appreciate a wide range of literature and texts, from their own cultural heritage and history, as well as the culture and history of other There is one internally assessed unit: Spoken Language (Talking and Listening) and two externally assessed units: 1. Portfolio (one piece, either broadly creative or broadly discursive) 2. Examination with two question papers



Assessment

The National 5 English course is assessed through the following components:
Reading for Understanding,
Analysis and Evaluation (Close Reading paper) 30 marks
Critical Reading (Literature paper) 40 marks
Portfolio - Writing 30 marks Total - 100 marks Performance - Spoken Language achieved/not achieved



Progression in the Senior Phase

English Higher
Communication Level 5 / Level 6.



Homework

Homework Pupils will be expected to complete homework tasks covering a range of skills in preparation for the final exam. In addition to this, pupils will work on planning and writing their piece for the Writing Portfolio (worth 30% of the overall award). Homework should take at least 2 hours per week.



Skills

- Listen, talk, read and write, as appropriate to purpose, audience and context.
- Understand, analyse and evaluate texts, including Scottish texts, in the contexts of literature, language and media.
- Create and produce texts, as appropriate to purpose, audience and context.
- Apply knowledge and understanding of language.

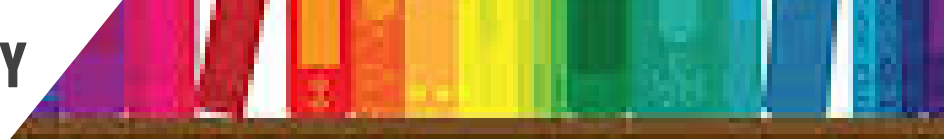


CAREER PATHWAYS

The Media
Advertising
Publishing
Freelance Writer

Law
Marketing
Librarian
Web Editor

Journalism
Teaching
Public Relations
Museum Curator



MEDIA

LANGUAGES & LITERACY



Awards Available: National 4

Teaching Methods: What does the learning look like?

National 4 Media provides you with the opportunity to analyse and discuss the techniques used to create quality TV shows, films and posters. This will involve watching and discussing specific scenes from various shows and films as well as learning how to tackle questions on categories, language, narrative, representation, audience, institutions and society. You will also have the opportunity to shine creatively through the Creating Media Content unit where you research, plan and potentially make your own trailer or poster. The qualification will also help you to improve your literacy, English and organisational skills as well as allowing you to work independently and as part of a team.

Course Content: What will I learn?

- How to analyse & understand moving image texts (Film & TV)
- How to analyse and understand posters and print adverts
- How to research and plan a film trailer or a poster
- How to evaluate a film trailer or poster
- How to create a trailer
- How to create a poster



Assessment

AVU – planning and evaluating a trailer.

Analysing Media Content unit – involves answering questions on a film or TV show.

Creating Media Content unit – involves researching, planning and creating a poster.



Progression in the Senior Phase

- National 5 Media



Homework

This will revolve around learning and revising Media terms. Revision prior to the AMC unit assessment will also be part of the homework. Research tasks may also form part of the homework. This should take around 1 – 2 hours a week depending on which part of the course is being focused on at that time.



Skills

- Analysis skills
- Evaluative skills
- Literacy skills
- Research skills
- Organisational skills
- Communication skills



CAREER PATHWAYS

Journalism
(print or broadcast),
Advertising
Marketing,

Photography
Camera operator
Researcher

Public relations
Teaching
Editing
(film, TV or print)



MEDIA

LANGUAGES & LITERACY



Awards Available: National 5

Teaching Methods: What does the learning look like?

National 5 Media provides you with the opportunity to analyse and discuss the techniques used to create quality TV shows, films and posters. This will involve watching and discussing specific scenes from various shows and films as well as learning how to tackle questions on categories, language, narrative, representation, audience, institutions and society. You will also have the opportunity to shine creatively through the Assignment where you research, plan and potentially make your own trailer. The qualification will also help you to improve your literacy, English and organisational skills as well as allowing you to work independently and as part of a team.

Course Content: What will I learn?

- How to analyse & understand moving image texts (Film & TV)
- How to analyse & understand posters and print adverts
- How to research and plan a film trailer
- How to create a storyboard (for a film trailer) and/or film and edit a trailer
- How to evaluate a film trailer



Assessment

- Exam (2 hrs) – 5 key aspect based questions (50 marks) and a poster analysis (10 marks)
- Assignment – completed in school and submitted to the SQA (60 marks)



Progression in the Senior Phase

- Higher Media
- NPA Film and Media (Level 6)



Homework

This will revolve around learning and revising Media terms. Poster Analysis may also be set for homework. This should take around 1 – 2 hours a week depending on which part of the course is being focused on at that time.



Skills

Analysis skills
Evaluative skills
Literacy skills
Research skills
Organisational skills
Communication skills

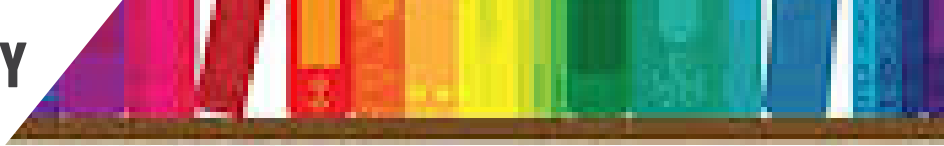


CAREER PATHWAYS

Journalism
(print or broadcast),
Advertising
Marketing,

Photography
Camera operator
Researcher

Public relations
Teaching
Editing
(film, TV or print)



FRENCH/SPANISH

LANGUAGES & LITERACY

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

The ability to use language lies at the heart of communication, and the study of a Modern Language has a unique contribution to make to the enhancement of a young person's future marketability. In addition, learning a new language enables learners to play a fuller role as global citizens, making connections with different people and their cultures, gaining greater insights into other ways of thinking, other views of the world and expanding horizons. Nat 4 and 5 French/Spanish is a vibrant, exciting course that aims to enhance pupils' skills in the components of Reading, Listening, Talking and Writing. Communication, presentation and interpersonal skills all feature strongly.

Course Content: What will I learn?

As part of their studies at Nat 4/5, pupils will continue to develop their linguistic skills in Reading and Listening (Understanding Language) as well as Talking and Writing (Using Language), whilst covering the broad contexts of Society, Culture, Learning and Employability. Topics include Family & Friends, Healthy Living, Media & Technology and Travel amongst others. The course is designed to allow students to develop the ability to communicate well in French/Spanish, and to develop a strong understanding of both the language and the culture of French/Spanish speaking countries.



Assessment

At Nat 4, there are no external assessments. Pupils are assessed in class with their teacher covering the four skills of Reading, Listening, Talking and Writing. At Nat 5, there will be external course assessments covering the same four core skills. The course assessment in Reading, Listening and Writing will consist of externally assessed question papers whilst Talking will be assessed through a presentation on a chosen topic and follow-up discussion with your teacher. In addition, a written assignment will be completed during class time for submission to the SQA.



Progression in the Senior Phase

French/Spanish Higher
A new language at N4/N5/Higher



Homework

Students are asked to revise vocabulary and grammar as much as possible. They will be issued with regular homework that consolidates learning in class and revises important aspects of language to build skill in all elements of the course. Watching TV programmes and listening to music in French/Spanish count too!



Skills

- literacy and communication skills
- knowledge of the structure of the foreign language
- awareness of other cultures and international citizenship working with others
- problem solving
- researching and presenting information
- IT skills,
- self-confidence and employability skills.



CAREER PATHWAYS

Computing
Retail
Hospitality and Tourism
Teaching and Childcare

Media, Sport
Events & Entertainment,
STEM
International Business

Civil Service
Diplomatic & Intelligence Services
Translating/Interpreting
The Armed Forces



MATHS

MATHS & NUMERACY

Awards Available: National 5

Teaching Methods: What does the learning look like?

A blend of classroom approaches including direct teaching, group work e.g. paired or one to one discussions, use of formative/summative assessment for example

Course Content: What will I learn?

Mathematics: Expressions and Formulae - this includes 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 - this 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 this 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

National 5 - final exam consisting of Paper 1 Non-calculator and Paper 2 Calculator. They will have a number of assessments throughout the year.



Progression in the Senior Phase

An A-B at National 5 Mathematics would enable students to progress to Higher Mathematics or Higher Applications of Mathematics.

An A-C at National 5 Mathematics would enable students to progress to Higher Applications of Mathematics.

An A-B grade at Higher Maths would enable students to progress to Advanced Higher Maths.



Homework

Students will be expected to complete formal and informal homework regularly throughout the year.



Skills

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



CAREER PATHWAYS

- Dentist
- Vet
- Doctor

- Scientists
- Software Developers
- Primary Teaching

- Marketing Analysts
- Financial Officers
- Investment Managers



APPLICATIONS OF MATHS

MATHS & NUMERACY

Awards Available: National 3/4/5

Teaching Methods: What does the learning look like?

A blend of classroom approaches including direct teaching, group work e.g. paired or one to one discussions, use of formative/summative assessment for example

Course Content: What will I learn?

Numeracy The general aim of this Unit is to develop learners' numerical and information handling skills to solve straightforward, real-life problems involving number, money, time and measurement. As learners tackle real-life problems, they will decide what numeracy skills to use and how to apply these skills to an appropriate level of accuracy. Learners will also interpret graphical data and use their knowledge and understanding of probability to identify solutions to straightforward real-life problems involving money, time and measurement. Learners will use their solutions to make and explain decisions.

Managing Finance and Statistics The general aim of this Unit assessment is to generate evidence that the candidate can use mathematical strategies, process and communication skills that can be applied to managing finance and statistics in real-life contexts some of which may be new or unfamiliar.

Geometry and Measures The general aim of this Unit assessment is to provide evidence that the candidate can use mathematical strategies, process and communication skills that can be applied to geometry and measurement in real-life contexts, some of which maybe new or unfamiliar.



Assessment

National 5 - final exam consisting of Paper 1 Non-calculator and Paper 2 Calculator. They will have a number of assessments throughout the year.

National 4 - complete 4 unit assessments to achieve an overall course award.

National 3 - complete 3 unit assessments to achieve an overall course award.



Progression in the Senior Phase

A pass at National 4 Applications of Mathematics would enable students to progress to National 5.

An A-C grade at National 5 Applications of Mathematics would enable students to progress to Higher Applications of Mathematics.



Homework

Students will be expected to complete formal and informal homework regularly throughout the year.



Skills

- Investing money (interest rates, profits, etc)
- Estimating costs
- Shopping (is it really a bargain?)
- Understanding Computers
- Designing rooms and gardens
- Planning trips
- Interpret information

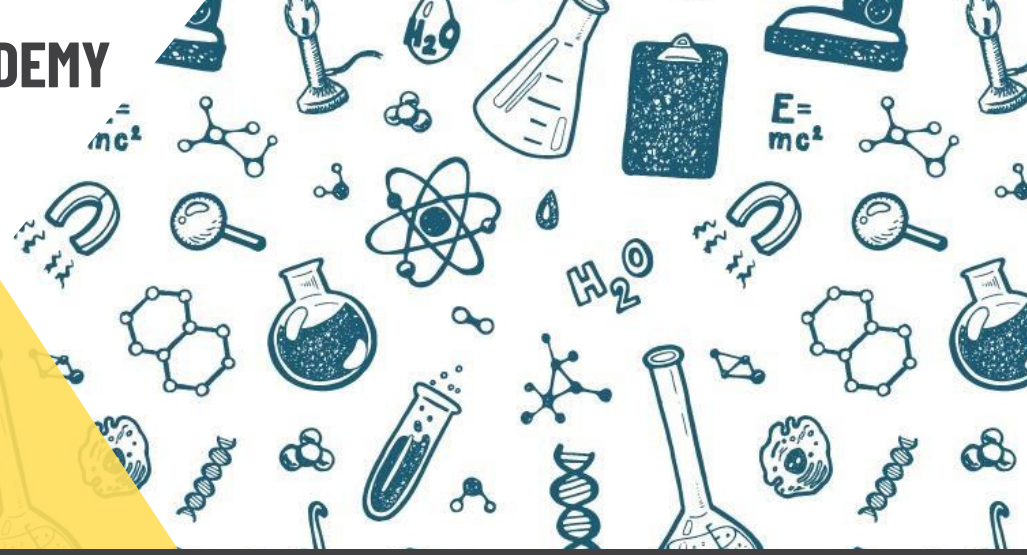


CAREER PATHWAYS

- Dentist
- Vet
- Doctor

- Scientists
- Software Developers
- Primary Teaching

- Marketing Analysts
- Financial Officers
- Investment Managers



BIOLOGY

SCIENCE

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Teaching is a mixture of practical tasks, written tasks, research tasks, ICT work, videos, individual independent work and team/group work.

Course Content: What will I learn?

National 4:

Cell Biology: Learners study cell structure and processes, photosynthesis, respiration and genetic engineering.

Multicellular Organisms: Areas of study include inheritance, reproduction, health; and control and communication.

Life on Earth: Learners will study evolution, biodiversity, ethical issues, recycling and other related topics.

Added Value Unit: Learners will use skills and knowledge and understanding to complete an assignment.

National 5:

Cell Biology: Cell structure; Transfer across cell membranes; Producing new cells; DNA and the production of proteins; Proteins and enzymes; Genetic engineering; Respiration.

Multicellular Organisms

Cells, tissues and organs; Stem cells and meristems; Control and communication; Reproduction; Variation and inheritance; Transport systems in plants; Human circulatory system; and Absorption of Materials

Life on Earth

Ecosystems; Distribution of organisms; Photosynthesis; Energy in ecosystems; Food production; and Evolution of species.

Assignment: Learners must carry out an assignment which requires them to research a topic of work. This investigation will be undertaken by the learner and the findings will be written up under exam conditions. This element contributes 20% to the final award.



Assessment

National 4- The National 4 Biology course will be internally assessed by teachers and will not require learners to sit an external exam set by the SQA. Learners will be credited for the units they achieve and their success will be recognised and certificated by the SQA.

National 5- There is a written assessment for each Unit, a Prelim, an externally assessed assignment and a final external exam during the SQA Exam Diet.



Progression in the Senior Phase

For N4 the progression pathway is N5 Biology or N5 Lab Science. For N5 the progression pathway is N5 Lab Science and/ or Higher Biology.



Homework

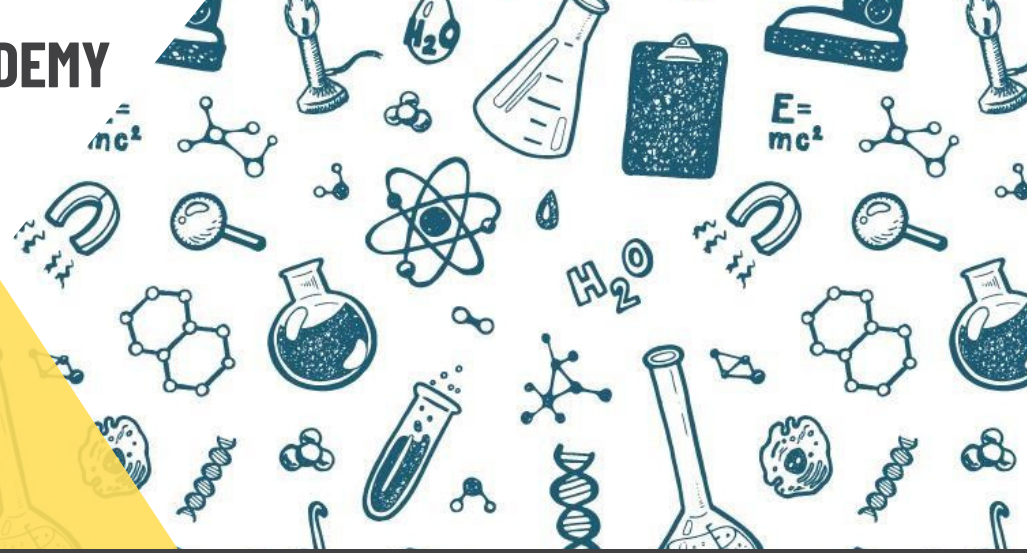
Consolidation work which is set to be completed outside the classroom. This will involve revising and summarising notes, work on-line, Past Paper Questions.



Skills

Learners develop scientific inquiry and investigative skills, scientific analytical thinking skills and the ability to use scientific literacy in a range of contexts.





CHEMISTRY

SCIENCE

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Teaching is a mixture of practical tasks, written tasks, research tasks, ICT work, videos, individual independent work and team/group work.

Course Content: What will I learn?

National 4: Pupils attempting National 4 Chemistry will cover three units of work- Chemical Changes and Structure, Nature's Chemistry and Chemistry in Society. They will be internally assessed on each of the three units and will also complete an Added Value Unit which will contain practical work and research on a topic from within the National 4 course.

National 5: National 5 Chemistry contains 3 units- Chemical Changes and Structure, Nature's Chemistry and Chemistry in Society. Pupils will be assessed on each unit in turn as well as through a final exam in May of each year. Pupils will also complete an assignment worth 20 marks which will involve practical work and research around a topic from the National 5 course.

Assignment: Learners must carry out an assignment which requires them to research a topic of work. This investigation will be undertaken by the learner and the findings will be written up under exam conditions. This element contributes to the final award.



Assessment

National 4- The National 4 Chemistry course will be internally assessed by teachers and will not require learners to sit an external exam set by the SQA. Learners will be credited for the units they achieve and their success will be recognised and certificated by the SQA. National 5- There is a written assessment for each Unit, a Prelim, an externally assessed assignment and a final external exam during the SQA Exam Diet.



Progression in the Senior Phase

For N4 the progression pathway is N5 Chemistry or N5 Lab Science. For N5 the progression pathway is N5 Lab Science and/ or Higher Chemistry.



Homework

Consolidation work which is set to be completed outside the classroom. This will involve revising and summarising notes, work on-line, Past Paper Questions and other work on Microsoft Teams.



Skills

Learners develop scientific inquiry and investigative skills, scientific analytical thinking skills and the ability to use scientific literacy in a range of contexts.





PHYSICS

SCIENCE

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Teaching is a mixture of practical tasks, written tasks, research tasks, ICT work, videos, individual independent work and team/ group work.

Course Content: What will I learn?

National 4: Pupils attempting National 4 Physics will cover three units of work (Waves and Radiations, Dynamics and Space and Electricity and Energy). They will be internally assessed on each of the three units and will also complete an Added Value Unit which will contain practical work and research on a topic from within the National 4 course.

National 5: National 5 Physics contains 3 units (Waves and Radiations, Dynamics and Space and Electricity and Properties of Matter). Pupils will be assessed on each unit in turn as well as through a final exam in May of each year. Pupils will also complete an assignment worth 20 marks which will involve practical work and research around a topic from the National 5 course.

Assignment: Learners must carry out an assignment which requires them to research a topic of work. This investigation will be undertaken by the learner and the findings will be written up under exam conditions. This element contributes to the final award.



Assessment

National 4- The National 4 Physics course will be internally assessed by teachers and will not require learners to sit an external exam set by the SQA. Learners will be credited for the units they achieve and their success will be recognised and certificated by the SQA.

National 5- There is a written assessment for each Unit, a Prelim, an externally assessed assignment and a final external exam during the SQA Exam Diet.



Progression in the Senior Phase

For N4 the progression pathway is N5 Physics or N5 Lab Science. For N5 the progression pathway is N5 Lab Science and/ or Higher Physics.



Homework

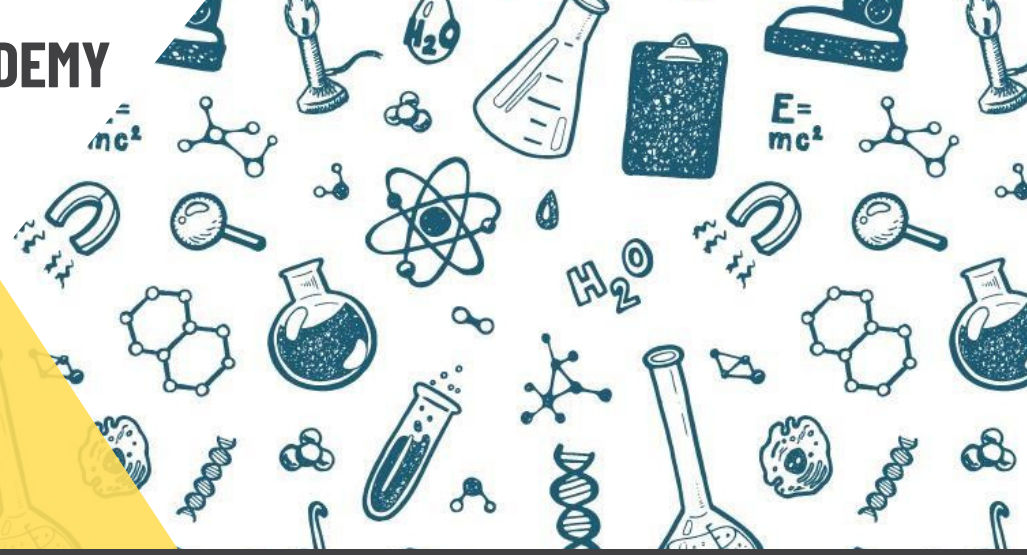
Consolidation work which is set to be completed outside the classroom. This will involve revising and summarising notes, work on-line, Past Paper Questions and other work on Google Classroom.



Skills

Learners develop scientific inquiry and investigative skills, scientific analytical thinking skills and the ability to use scientific literacy in a range of contexts.





BIOLOGY

SCIENCE

Awards Available: National 3

Teaching Methods: What does the learning look like?

Teaching is a mixture of practical tasks, written tasks, research tasks, ICT work, videos, individual independent work and team/ group work.

Course Content: What will I learn?

The National 3 Biology Course focuses on the areas of biodiversity, interdependence, body systems and cells and inheritance. It allows learners to recognise the impact that biology has on their lives, the lives of others and the environment. Learners develop scientific inquiry and investigative skills, scientific analytical thinking skills and the ability to use scientific literacy in a range of contexts.



Assessment

There are 3 written assessments and one other assessment which is experimental write-up.



Progression in the Senior Phase

National 4



Homework

Consolidation work which is set to be completed outside the classroom.



Skills

Learners develop scientific inquiry and investigative skills, scientific analytical thinking skills and the ability to use scientific literacy in a range of contexts.





Skills: Learners develop scientific inquiry and investigative skills, scientific analytical thinking skills, and the ability to use scientific literacy in a range of contexts.

HISTORY

SOCIAL SUBJECTS



Awards Available: National 3/4/5

Teaching Methods: What does the learning look like?

- Teachers develop strong and effective relationships with young people, supporting individual pathways, through knowing them well, and carrying out teacher pupil agreements at the onset of courses.
- Each young person is given a pupil learning plan, which allows them to check their own progress using traffic light colours to assess their learning of topics.
- Starter tasks are given which will involve thinking skills and will aim to engage, motivate and enable retrieval of information from the long term memory of young people. This can be subject specific and/or linked into literacy/numeracy and/or health and wellbeing.
- Success criteria is given at the beginning of a lesson and also for most tasks given, allowing young people to maximise and understand how marks are allocated.
- Various learning and teaching strategies will be used. For example independent learning, pair/share, group work, young people leading learning, visual aids and the use of digital technology when appropriate. Plenaries are used to check the understanding of young people before they exit their class for most lessons.

Course Content: What will I learn?

Scottish – Era of the Great War, 1900 to 1928, we study the experiences of Scots in the Great War and its impact on life in Scotland. We look at the impact of technology on the soldiers on the Western Front. We also consider the way the war changed life for people at home as the war began to impact on every aspect of life both during and after the war. European World – Free at Last? Civil Rights in the USA, 1918 – 1968, we study the development of race relations in the USA, during the years 1918 to 1968, illustrating themes of identity and power. British - Making of Modern Britain, 1880 to 195, we study the changing role of central government in tackling the problem of poverty, considering the themes of ideas and rights and the development of new relationships between the people of Britain and their government. Therefore, it is a study of the forces which created Modern Britain.



Assessment

This will include on-going formative assessment, through questioning, class discussions, class work and homework. Summative assessment will take the form of practise exam type questions carried-out under timed conditions, end of unit assessments for N4 and N3, and prelims for N5 prior to their final exam. All young people are required to complete an independent assignment, this is marked by the Scottish Qualification Authority for young people who sit N5 and counts towards their final mark.



Progression in the Senior Phase

Young people who achieve N3/N4 should progress to the higher level. For those who achieve an A, B or C at N5, higher would be the advised pathway. Young people could also select an additional Social Subject. (Modern Studies, Geography, N4 Travel and Tourism, Higher Sociology, Higher Psychology and N5 Criminology). However, for Sociology there is no N4 qualification therefore young people should have achieved an A or B at N5 in another Social Subject.



Homework

Young people should revise content and skills as they progress through the course for 2 hours a week. This will include homework tasks issued by the class teacher. Tasks will relate to understanding content, practising skills, and encouraging retrieval from long-term memory. Homework will be posted on Satchel One.



Skills

Developing and applying skills, knowledge and understanding across the contexts studied. Young people evaluate the origin, purpose, content and/or context of historical sources. They evaluate the impact of historical developments and present information in a structured manner. They learn to draw reasoned conclusions supported by evidence and research and analyse historical information. These skills link into our school's skills framework – literacy, health and wellbeing, digital technologies, leadership and thinking skills.



CAREER PATHWAYS

Studying history can lead to careers as diverse as the media, heritage organisations, conservation, teaching, archives, museums and galleries, the police and law. History students have strong analytical and communication skills which can be put to good use in careers in business, finance and HR. Other areas History can help you in are in marketing especially social media, branding and digital communications, public sector research (in think tanks, lobbying, or for an MP) or in "start ups" and entrepreneurship.



GEOGRAPHY

SOCIAL SUBJECTS

Awards Available: National 3/4/5

Teaching Methods: What does the learning look like?

- Teachers develop strong and effective relationships with young people, supporting individual pathways, through knowing them well, and carrying out teacher / pupil agreements at start.
- Each young person is given a pupil learning plan, which allows them to check their progress.
- Starter tasks are given which will involve thinking skills and will aim to engage & motivate.
- Various learning and teaching strategies will be used. For example independent learning, pair/share, group work, young people leading learning, visual aids and the use of digital technology when appropriate. Plenaries are used to check the understanding of young people.

Course Content: What will I learn?

Physical Environments unit: Weather; Mapping skills; Upland Glaciated Landscapes and Coastal Landscapes

Human Environments unit: Population; Urban areas (Glasgow & Rio de Janeiro); Rural (farming in developed & developing countries)

Global Issues unit: Climate Change and Health.



Assessment

On-going formative assessment, through questioning; class work and homework. Summative assessment eg practice exam type questions, end of unit assessments for N4 and N3, and prelims for N5 exam. All young people are required to complete an independent research Assignment, this is marked by the SQA, for young people who sit N5 this counts towards their final mark (20%)



Progression in the Senior Phase

Young people who achieve N3/N4 should progress to the next level. For those who achieve an A, B or C at N5, Higher geography would be the advised pathway. Young people could also select an additional Social Subject.



Homework

Revise Geographical content and skills as they progress through the course for 2 hours a week. Including homework tasks eg course content; practising skills (eg explaining weather map from tv) and encouraging retrieval from long-term memory. Homework will be posted on Satchel One. Geography class also has a Google Classroom site with many extra revision material and course notes.



Skills

Skills: Developing and applying skills and detailed knowledge and understanding in a variety of Geographical contexts - research skills, mapping skills, fieldwork skills, using and interpreting numerical and graphical information. These skills link into our school's skills framework - literacy, health and wellbeing, digital technologies, leadership and thinking skills.



CAREER PATHWAYS

A huge variety of future careers will utilise the skills gained through studying geography. Some of the more unusual ones including landscape architect; conservation officer; park ranger; surveyors; town planner; hydrologist; weather presenter on the tv; a member of the Royal Family (yes, the Prince of Wales has a Geography degree) and of course a Geography teacher.



MODERN STUDIES

SOCIAL SUBJECTS

Awards Available: National 3/4/5

Teaching Methods: What does the learning look like?

- Teachers develop strong and effective relationships with young people, supporting individual pathways, through knowing them well, and carrying out teacher pupil agreements at the onset of courses.
- Each young person is given a pupil learning plan, which allows them to check their own progress using traffic light colours to assess their learning of topics.
- Starter tasks are given which will involve thinking skills and will aim to engage, motivate and enable retrieval of information from the long term memory of young people. This can be subject specific and/or linked into literacy/numeracy and/or health and wellbeing.

Course Content: What will I learn?

- Democracy in Scotland and the UK – our focus is on the Westminster Government. We look at participation, power and decision making
- Social Issues in the United Kingdom – our focus will be Crime and Law in Society. We look at nature, causes, criminal justice system, consequences and responses.
- International Issues – our focus will be China a World Power. We look at the political system, influence on other countries, social and economic issues and effectiveness in tackling social and economic inequalities.
- All of these will help you to gain a better understanding of the world we live in and engage in the world around you.



Assessment

This will include on-going formative assessment, through questioning, class discussions, class work and homework. Summative assessment will take the form of practise exam type questions carried-out under timed conditions, end of unit assessments for N4 and N3, and prelims for N5 prior to their final exam. All young people are required to complete an independent assignment, this is marked by the Scottish Qualification Authority for young people who sit N5 and counts towards their final mark.



Progression in the Senior Phase

Young people who achieve N3/N4 should progress to the higher level. For those who achieve an A, B or C at N5, higher would be the advised pathway. Young people could also select an additional Social Subject. (History, Geography, N4 Travel and Tourism, Higher Sociology, Higher Psychology and N5 Criminology). However, for Sociology there is no N4 qualification therefore young people should have achieved an A or B at N5 in another Social Subject.



Homework

Knowledge and understanding in political, social and international contexts, research skills, analyse and evaluate sources, present arguments to support and oppose issues, give detailed justification for decisions, support valid conclusions. These skills link into our school's skills framework – literacy, health and wellbeing, digital technologies, leadership and thinking skills.



Skills

Skills – Knowledge and understanding in political, social and international contexts, research skills, analyse and evaluate sources, present arguments to support and oppose issues, give detailed justification for decisions, support valid conclusions. These skills link into our school's skills framework – literacy, health and wellbeing, digital technologies, leadership and thinking skills.



CAREER PATHWAYS

Most common careers are: public administration, civil service, business management, law, teaching, journalism and social work but there are many other careers where Modern Studies would be desirable.



SOCIOLOGY

SOCIAL SUBJECTS

Awards Available: National 5

Teaching Methods: What does the learning look like?

- Teachers develop strong and effective relationships with young people, supporting individual pathways, through knowing them well, and carrying out teacher pupil agreements at the onset of courses.
- Each young person is given a pupil learning plan, which allows them to check their own progress using traffic light colours to assess their learning of topics.
- Starter tasks are given which will involve thinking skills and will aim to engage, motivate and enable retrieval of information from the long term memory of young people. This can be subject specific and/or linked into literacy/numeracy and/or health and wellbeing.

Course Content: What will I learn?

Understanding Human Society – develop an understanding, by describing perspectives, theories and concepts in Sociology. Understanding the importance of research and exploring several research methods. From this, young people learn theories on how society works and why people behave the way they do. Culture and Identity – this includes learning about socialisation, and the relationship between socialisation and the formation of identity. They also explore the features of cultures and subcultures and look at examples of diversity within cultures and sub-cultures. For example youth sub-culture, gypsy travellers, hippies and gangs. Social Issues – this involves young people applying their knowledge from unit 1 and 2 to explain social issues, using theories and research studies to demonstrate their understanding. For example, to explain differences in achievement within education, to explain why a label can impact negatively on an individual's behaviour and to explain gender inequality within the criminal justice system.



Assessment

Assessment - This will include on-going formative assessment, through questioning, class discussions, class work and homework. Summative assessment will take the form of practise exam type questions. All young people are required to complete an independent assignment, this is marked by the Scottish Qualification Authority and counts towards their final mark.



Progression in the Senior Phase

If a young person achieves an A, B or C at N5 we would advise them to pursue Higher Sociology. Young people could also select an additional Social Subject. (History, Geography, N4 Travel and Tourism, Higher Sociology, Higher Psychology and N5 Criminology).



Homework

Young people should revise content and skills as they progress through the course for 2 hours a week. This will include homework tasks issued by the class teacher. Tasks will relate to understanding content, practising skills, and encouraging retrieval from long-term memory. Homework will be posted on Satchel One.



Skills

Skills will include developing an understanding of sociological perspectives by identifying and describing concepts, using investigation skills to explore issues, read and select relevant information as evidence for giving clear explanations for human social behaviour. These skills link into our school's skills framework – literacy, health and wellbeing, digital technologies, leadership and thinking skills.



CAREER PATHWAYS

Studying Sociology encourages you to engage critically with the world around you, ask questions about the social world and challenge things we often take for granted. The most common careers are – teaching/lecturing, research and policy, health and social care, law, the police, criminal justice support worker, refugee welfare officer, business management, journalism, social worker, local government, human resource, charity/community development.



TRAVEL & TOURISM

SOCIAL SUBJECTS

Awards Available: National 4

Teaching Methods: What does the learning look like?

- Teachers develop strong and effective relationships with young people, supporting individual pathways, through knowing them well, and carrying out teacher pupil agreements at the onset of courses.
- Each young person is given a pupil learning plan, which allows them to check their own progress using traffic light colours to assess their learning of topics.
- Starter tasks are given which will involve thinking skills and will aim to engage, motivate and enable retrieval of information from the long term memory of young people. This can be subject specific and/or linked into literacy/numeracy and/or health and wellbeing.

Course Content: What will I learn?

Employability – develop skills to become effective job seekers and employees in the travel and tourism industry. Young people will be introduced to a range of jobs across the travel and tourism industry. Customer Service – develop skills and knowledge to enable them to meet the needs of customers. Young people will develop communication skills and learn about promoting products and services and how to deal with customer issues. UK and Worldwide – Young people will learn to investigate travel and tourism in the UK and the rest of the world to meet customer holiday needs. Scotland - investigate travel and tourism in Scotland and meet customer holiday needs.



Assessment

This will include on-going formative assessment, through questioning, class discussions, class work and homework. Summative assessment will take the form of practise exam type questions carried-out under timed conditions, end of unit assessments.



Progression in the Senior Phase

Young people who achieve N4 should progress to the higher level. Young people could also select an additional Social Subject at N5 level (History, Geography, Modern Studies, Sociology and Criminology).



Homework

Young people should revise content and skills as they progress through the course for 1 hours a week. This will include homework tasks issued by the class teacher. Homework will be posted on Satchel One.



Skills

Skills – The development of knowledge, understanding and skills linked into travel and tourism. Skills for work are important for this course, therefore young learners will develop an understanding of the workplace and positive attitudes to learning. They will learn to prepare, plan reflect, evaluate and communication. These skills link into our school's skills framework – literacy, health and wellbeing, digital technologies, leadership and thinking skills.





MUSIC

PERFORMANCE & DESIGN

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Practical This will be modelled through live performance and demo videos, step by step. As pupils will work on their chosen instrument, this will be one to one with pupils. Feedback will be regular, both verbally and written into profiles for next steps and through learner conversations. **Listening** Theory work will be taught using ICT with audio files to prepare for a listening assessment. Learning will be assessed using HOTS questioning, show me boards and hands down questioning as examples. **Active learning** games and Kahoots are used at revision times to highlight a variety of music concepts. **Composition** Composition skills will be taught through examples of different styles and ICT used to experiment with chords/motifs. Compositional techniques will be highlighted to link with listening lessons.

Course Content: What will I learn?

You will learn how to play and perform a programme of music on two instruments with confidence, understanding next steps through feedback. These instruments will eventually be performed live to an examiner in N5 and recorded for N4. In listening you will learn a variety of concepts through a range of listening topics such as Scottish music, classical music etc. In Composition you will learn to create your own piece of music using a variety of compositional methods and styles such as minimalist, popular song writing and Scottish song writing.



Assessment

Assessment In N5, Listening is 35%, composition is 5% and practical is 60% of the overall mark. Regular listening assessments are completed at the end of each topic. Pieces are recorded when completed. Composition is ongoing throughout the year. Teachers check in regularly to ensure progress is being made and learners can evaluate their own and peer performances through video recordings. For N4, all assessments are pass/fail and assessed by your teacher.



Progression in the Senior Phase

Progression in the Senior Phase Progression to Higher and Advanced Higher courses



Homework

Homework is signposted on Satchel One but set on Google Classroom. Homework can be 100% completed using ICT. Some homework will be multiple choice and most tasks will involve audio to help prepare for listening assessments.



Skills

Skills Music helps pupils to take responsibility for their own learning. Literacy is encouraged through listening papers and class discussion. Digital skills are developed through use of Google Classroom tasks and use of music software such as Sibelius and Mixcraft. Leadership is developed through learning how to practice efficiently, keeping track of learning and feeding back on their own and others'.





MUSIC TECH

PERFORMANCE & DESIGN

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Prominent use of ICT to teach all areas of the course. Practical work is taught by showing examples / group work. This can be setting up microphones to record, learning how to use software by following examples of steps on the board or showing examples of completed projects such as radio shows, film soundtracks, gaming soundtracks, audiobooks etc to help support learning.

Listening work is taught using Sway presentations with descriptions and audio examples and Nearpod lessons where information is linked with quizzes to check understanding. All of these access ICT. All learning materials are shared on Google Classroom. Interactive games are used to help with group revision for example, using Kahoot, Jenga etc.

Course Content: What will I learn?

In Music Technology, you will learn how to record audio using microphones as well as learning how to import and combine audio such as music, sound FX and learn to use MIDI keyboards all connected to iMacs. You will also learn how to edit and mix those sounds into different projects. For N5 level, you will complete 2 projects (3 contexts for N4). These can be recording your own radio show, recording your own audio to replace the audio of a film / gaming clip, recording a song or recording a children's audiobook with sound effects.

You will also learn music from different styles such as Punk, Hip Hop, Synth Pop, Dance Music etc and the technologies used within them.



Assessment

For N5, 70% of the course assessment is completed in class. This is made up of the two audio projects with logbooks which are completed throughout the year. 30% of the course assessment is a listening assessment completed with other exams in May.

At N4 level There are 3 units (2 practical and 1 listening based) with 1 final practical project with logbook, all completed using ICT. These units are all pass/fail and internally assessed by your teacher.



Progression in the Senior Phase

Progression in the Senior Phase Progression to Higher and Advanced Higher courses



Homework

Homework is signposted on Satchel One but set on Google Classroom. Homework can be 100% completed using ICT. Some homework will be multiple choice and most tasks will involve audio to help prepare for listening assessments.



Skills

This course helps to build ICT skills. It also helps with groupwork and leadership when relying on other pupils to follow instruction to create sounds, read scripts etc for your project. The course really helps to develop creativity as you can choose to create your projects on whatever theme you want to and use your imagination to link your ideas with the skills required.





LOVILCIOUS

PERFORMANCE & DESIGN

Awards Available: National 4/5 Units

Teaching Methods: What does the learning look like?

The majority of our learning will be undertaken during practical tasks. New skills will be demonstrated by the class teacher and broken down into manageable steps in order to practice and develop skills.

There will be written elements in the subject that will include areas of health and safety, knowledge and understanding of the structure of the nail. There will also be short investigations into a variety of nail art tools and equipment. These will be created in a digital format. The majority of assessments can be completed with the use of ICT.

Course Content: What will I learn?

In Lovilicious we will focus on manicure and creative nail finishes as well as freehand nail art. Pupils will also have the opportunity to create a portfolio of their work.

Pupils will learn a basic manicure including a hand massage and finish with a creative nail finish using gems, stamping, glitter or stickers. Freehand nail art will involve developing a number of nail art skills including striping, dotting, flowers, freehand skills, marbling and themed designs.

Portfolio allows pupils to create a record of their skills and demonstrate their abilities and style of nail art. They will compile photographs of completed work as well as step by steps of how the designs have been created.



Assessment

Assessment will be through practical observations as well as open book assessments. These are all on a pass/fail basis with an opportunity for remediation after feedback has been given. Practical activities can be videoed for self and peer assessment and feedback.



Progression in the Senior Phase

Progression to Level 5 NPA in Hand and Foot Care.



Homework

Homework is signposted on Satchel One but set on Google Classroom. Homework can be 100% completed using ICT. Some homework will be multiple choice and will prepare pupils for closed book written assessments.



Skills

As well as nail care skills, product application and nail art techniques pupils will also learn a wide range of skills for work. These include time keeping, customer service skills, health and safety in the work place, confidence, team work, communication, problem solving and IT skills.





DRAMA

PERFORMANCE & DESIGN

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Practical work is taught by workshopping drama and production skills. These skills are then applied to both devised and scripted performances. There is a focus on character voice and movement for drama skills and lighting, sound and props for production. Video of performances can be used to help with self and peer feedback to prepare for final performances.

Pupils also learn how to respond to stimuli, including text, and develop knowledge, understanding and practical experience of form, structure, genre and conventions when creating and presenting drama. There are written questions and reflection throughout the year to prepare for the written exam.

Course Content: What will I learn?

Pupils are encouraged to use imagination and creativity. They develop important skills, such as learning independently and as part of a group, critical thinking, enthusiasm, and confidence. Candidates develop practical skills in creating and presenting drama and knowledge and understanding of cultural and social influences on drama. They analyse and evaluate how the use of self-expression, language and movement can develop their ideas for drama. They also develop critical-thinking skills as they investigate, develop and apply a range of drama skills and production skills.



Assessment

The assessment is in two parts. The first consists of a performance in front of an audience and an external assessor. The second is a 90 minute written paper in exam conditions.



Progression in the Senior Phase

Progression to Higher and Advanced Higher courses



Homework

Homework is set on Google Classroom. Written homework can be 100% completed using ICT. Homework will involve learning lines and written questions which allow practice for the written exam.



Skills

This course helps with the interpersonal skills required in many careers and pathways. Pupils develop skills in working with others, communication, thinking outside the box, confidence, leadership and initiative, independent learning and problem solving.





ART & DESIGN

PERFORMANCE & DESIGN

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Practical work is taught by showing a variety of examples of design and expressive folios and teacher led modelling of required skills and content. Teaching will encourage varied approaches to the Expressive element of course such as; portraiture, still life and built environment to explore a wide range of expressive media, allowing learners to show skills and develop processes and techniques. The Design element of the course will be taught through modelling using digital and 3D Medias to explore a variety of ideas working towards a final resolved outcome. The written aspect of the course looks at artists and designers primarily taught through the use of ICT and Google Classroom to help support learning.

Course Content: What will I learn?

Expressive: Learners are able to choose between genres such as Portraiture, Landscape, Still life and Built Environment. Learners will respond creatively to various techniques, processes and skills inspired by artist's styles and their influences. Examples of this would be through the use of various materials such as; paint, oil pastels, printmaking.etc.

Design: Learners are able to choose between 2D+ 3D design such as; Graphic Design, illustration, Fashion and Textiles and Architecture. Learners will respond creatively through problem solving, developing design ideas inspired by various designers using digital techniques and processes

Written: Learners are able to critically analyse the work of artists and designers and form their own opinions



Assessment

For N4 + N5, 80% of the course assessment is completed in class. This is made up of the two folios (Expressive and Design) projects which are completed throughout the year.

20% of the course assessment is a written assessment N5 is completed with other exams in May, N4 is assessed internally.



Progression in the Senior Phase

Progression to Higher and Advanced Higher courses



Homework

Homework is signposted on Satchel One but set on Google Classroom. Homework can be practical as a continuation of class work for folios. Some homework will be digital in the form of the written aspect of the course for assessment.



Skills

Being a skills based practical subject, Art and Design allows learners to explore various materials, techniques and processes for both Expressive and Design aspect of the course. Learners will develop Digital skills through the use of ICT, Apps and creative software. It also helps with the written aspect of the course. These skills really help to develop creativity and leadership through project development.





PE

HEALTH & WELLBEING

Awards Available: National 5

Teaching Methods: What does the learning look like?

Teacher led, self and peer learning/assessing, practical demo's and skill development, individual/group work, differentiated lessons meeting needs of all learners.

Course Content: What will I learn?

How to plan, develop and carry out a PDP so that you can improve performance level. You will have a choice of an activity to carry out a Personal Development Plan for 15 weeks so that you have enough time to improve. How to monitor and evaluate progress and make necessary changes to the approaches you are using. How to use data an information to inform you of your progress. How to recognise strengths and weaknesses of any player/team for your advantage. How to improve literacy skills to level 5 standard. How to control your emotions and develop your Physical, Mental and Social skills. How to work effectively as an individual or part of a team.



Assessment

The National 5 PE course is assessed through: 50% of the course is practical - 2 one off performances (each out of 30 marks) 50% of the course is written - out of 60 marks (usually one or two periods a week in the classroom)



Progression in the Senior Phase

Higher



Homework

One homework task a week - completing the answer to a portfolio question. How to answer the question will be taught during the theory periods and then completed at home.



Skills

- Listening/ Communication
- Planning and Organisational
- Numeracy
- Physical Wellbeing
- Employability
- Citizenship
- Thinking skills
- Analysing and evaluating



CAREER PATHWAYS

Personal Trainer
Coach
KA Leisure
Referree/Umpire

Professional Sportsperson
Teacher
Sports Reporter
Commentator



PE (DANCE)

HEALTH & WELLBEING

Awards Available: National 5

Teaching Methods: What does the learning look like?

Teacher led, self and peer learning/assessing, practical demo's and skill development, individual/group work, differentiated lessons meeting needs of all learners.

Course Content: What will I learn?

National 5 PE through the Dance runs parallel to the normal Physical Education Nat 5 course. You will learn a range of dance styles including contemporary, lyrical, commercial, hiphop, and more. Develop skills and techniques specific to each style, build confidence in performing in front of others, and work towards the practical assessment in one of the styles (you can also perform a routine of your own for those who compete or perform outside of school). The only time you will participate in improving your performance in another activity is when you complete the 2nd one off performance.



Assessment

The National 5 PE (Dance) course is assessed through:
50% of the course is practical - 2 one off performances (each out of 30 marks) One of these performances will be in Dance and the other is an activity such as gymnastics, trampolining, badminton, basketball, 50% of the course is written in a portfolio - out of 60 marks (usually one or two periods a week in the classroom)



Progression in the Senior Phase

Higher



Homework

One homework task a week - completing the answer to a portfolio question. How to answer the question will be taught during the theory periods and then completed at home.



Skills

- Listening/ Communication
- Planning and Organisational
- Numeracy
- Physical Wellbeing
- Employability
- Citizenship
- Thinking skills
- Analysing and evaluating





TEAM SPORTS

HEALTH & WELLBEING

Awards Available: NPA Level 5

Teaching Methods: What does the learning look like?

Teacher led, self and peer learning/assessing, practical demo's and skill development, individual/group work, differentiated lessons meeting needs of all learners. Participation in Football coaching sessions.

Course Content: What will I learn?

Course Content: What will I learn? This course is designed for pupils who are NOT taking National 5 PE but can be used a stepping stone towards National 5 PE the following year.

Candidates will participate in a variety of coaching sessions Learning the fundamentals of coaching football. Candidates will learn how to structure coaching sessions and manage groups of differing ages. Learning how to create session plans and deliver coaching sessions. Candidates will create session plans specific to age groups and experience delivering part of these sessions. Learning the rules of the game and actively taking part in officiating games. Candidates will learn the basic rules of the game and experience officiating in games. Principles of playing and coaching, Rules of the game, How to plan and deliver coaching sessions How to manage groups of different age, How to monitor and evaluate progress, How to do risk assessments.



Assessment

The NPA Team Sports course is assessed through:

Internal assessment of written and practical work by teacher



Progression in the Senior Phase

NPA Level 6 Team Sports
National 5 PE



Homework

Homework will be given on a regular basis



Skills

- Communication skills
- Personal pride in own performance
- Organisational skills
- Literacy skills
- Concentration
- Emotional regulation
- competent level of football ability





PRACTICAL COOKERY

HEALTH & WELLBEING

Awards Available: National 5

Teaching Methods: What does the learning look like?

Teacher led, self and peer learning/assessing, practical demo's and skill development, individual/group work, differentiated lessons meeting needs of all learners.

Course Content: What will I learn?

The course aims to enable candidates to:

- proficiently use a range of cookery skills, food preparation techniques and cookery processes when following recipes
- select and use ingredients to produce and garnish or decorate dishes
- develop an understanding of the characteristics of ingredients and an awareness of their sustainability
- develop an understanding of current dietary advice relating to the use of ingredients
- plan and produce meals and present them appropriately
- work safely and hygienically

Progression in the Senior Phase

Progression only available thought to National 5



Assessment

The National 5 Practical Cookery course is assessed through:
50% theory and 50% practical lessons across the year.
Question Paper, Assignment, Practical Activity



Homework

Homework Varied homework tasks, including practical practice, review of practical skills via SQA videos, and theory questions on previous learning.



Skills

- using food preparation techniques and cookery processes in the preparation of dishes
- understanding and demonstrating knowledge of the importance of food safety and hygiene and its application in the practical context
- selecting, weighing, measuring and using appropriate ingredients to prepare and garnish or decorate dishes
- understanding and demonstrating knowledge of the characteristics of a range of ingredients, and their function in a practical context
- understanding and demonstrating knowledge of the importance of sourcing sustainable ingredients
- understanding and demonstrating knowledge of current dietary advice relating to the use of ingredients
- following recipes in the preparation of dishes and carrying out an evaluation of the product
- planning, costing, organisational and time management skills in a cookery context " producing, portioning and presenting dishes appropriately



CAREER PATHWAYS

Food Preparation & Service
Food & Drink Manufacturing
Food Science & Technology
Dietetics & Nutrition



HEALTH & FOOD TECHNOLOGY

HEALTH & WELLBEING

Awards Available: National 5

Teaching Methods: What does the learning look like?

Teacher led, self and peer learning/assessing, practical demo's and skill development, individual/group work, differentiated lessons meeting needs of all learners.
(Product Development).

Course Content: What will I learn?

The course has six broad and inter-related aims which allow candidates 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



Assessment

The National 5 Health & Food Technology course is assessed through:

- Question Paper
- Assignment



Progression in the Senior Phase

Higher
Advanced Higher



Homework

Varied homework tasks, including developing analytical skills through homework working with briefs and case studies.



Skills

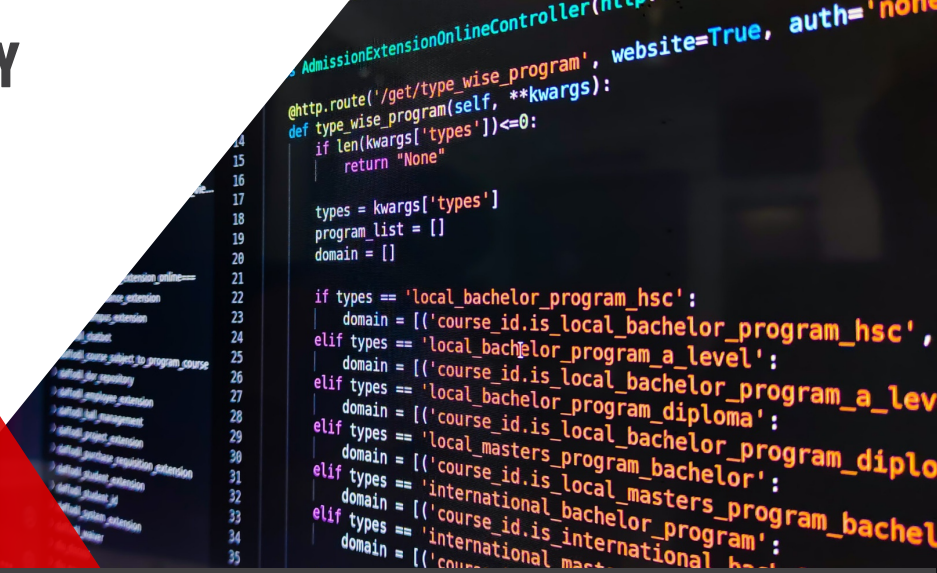
- Literacy
- Numeracy
- Physical Wellbeing
- Employability
- Analysing & Evaluating





COMPUTING SCIENCE

TECHNOLOGIES



Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Lessons in Computing Science will adopt a number of different strategies and activities designed to challenge pupils and develop their computational thinking skills. Learners will predominately be completing practical work which will be reinforced by class discussions and written tasks. You will require to analyse, design, implement, test and evaluate practical solutions. All of our teaching material will be available on Google Classroom. Web Development tasks will be completed using HTML, CSS and Javascript. As part of the course you will learn the fundamental concepts of programming, you will complete practical tasks using the Software Development environment, Livecode.

Course Content: What will I learn?

You will develop knowledge, understanding and practical problem-solving skills in Software Design and Development and Web Design and Development, through a range of practical and investigative tasks. You will apply computational-thinking skills to analyse, design, implement, test and evaluate practical solutions. You will be using a range of development tools such as Livecode, HTML, CSS and Javascript. In the Computer Systems topic you will develop an understanding of how data and instructions are stored in binary form and learn about the basic computer architecture. You will also gain an awareness of the environmental impact of the energy use of computer systems and security precautions that can be taken to protect computer systems.



Assessment

Assessment National 4 – No end of year Exam. The assessment is made up of two end of unit assessments and an Added Value Unit. National 5 – External exam worth 80 marks and externally marked coursework task worth 40 marks.



Progression in the Senior Phase

Progression in the Senior Phase National 5 or Higher Computing Science



Homework

Homework Regular homework exercises are issued via Google Classroom. The homework exercises include a range of questions including past paper questions. These are designed to reinforce the learning that has taken place in class.



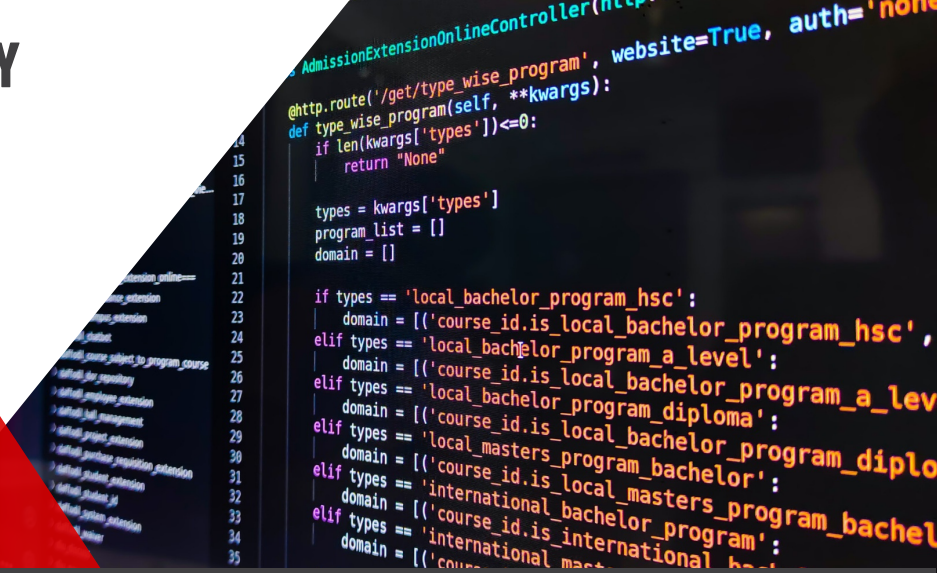
Skills

It provides opportunities to enhance skills in planning and organising, working independently and in teams, critical thinking and decision making, research, communication, problem solving, employability and self and peer evaluation, in a range of contexts.



CAREER PATHWAYS

Careers in this field include but are not limited to: Software Developer, Web Developer, Computer Systems Analyst, Systems Analyst, Video Game Developer, Network Engineer, Information Technology Management, Data Science, Database Administrator, Engineer, Designer, Data Analysis, Systems Architect, AI, Web Designer, Computer Hardware Engineer, Software Engineering, Computer Scientist, Computer Security and Network Administrator.



COMPUTING GAMES DEVELOPMENT

TECHNOLOGIES

Awards Available: NPA Level 4/5

Teaching Methods: What does the learning look like?

This course will develop your creativity, problem solving and technical skills through the planning, designing and creation of a computer game. There will be a range of different teaching methods used such as class discussions, demonstrations, practical and written tasks and tutorials which will be delivered through Google Classroom as learners build up their portfolio of evidence. Learning will include researching different games on the Internet, using your knowledge of games or playing a specified games. Gamemaker will be used to complete practical tasks before you design and develop your own game.

Course Content: What will I learn?

The course consists of three topics: Design, Media Assets, and Development. The design unit focuses on creating a plan for the development of a computer game. The media assets unit focuses on finding and capturing digital media that could be used within a game. The development unit focuses on writing code to produce the game. You will also be required to write a report to fully test and evaluate your game. During the award, you will gain a variety of knowledge and skills including the following: What media assets are available and how to capture them, what makes a good game, how to modify media assets for your game, how to program a computer game, how to design a good game and how to test a game.

Assessment

Assessment Assessment is a series of practical tasks which are continually assessed. There is no end of year exam for this course. You will complete research tasks, produce a Design Proposal, research and create media assets, produce a working game and write reports to test and evaluate your game.

Progression in the Senior Phase

Progression in the Senior Phase SCQF Level 5/6 Computer Games Development.

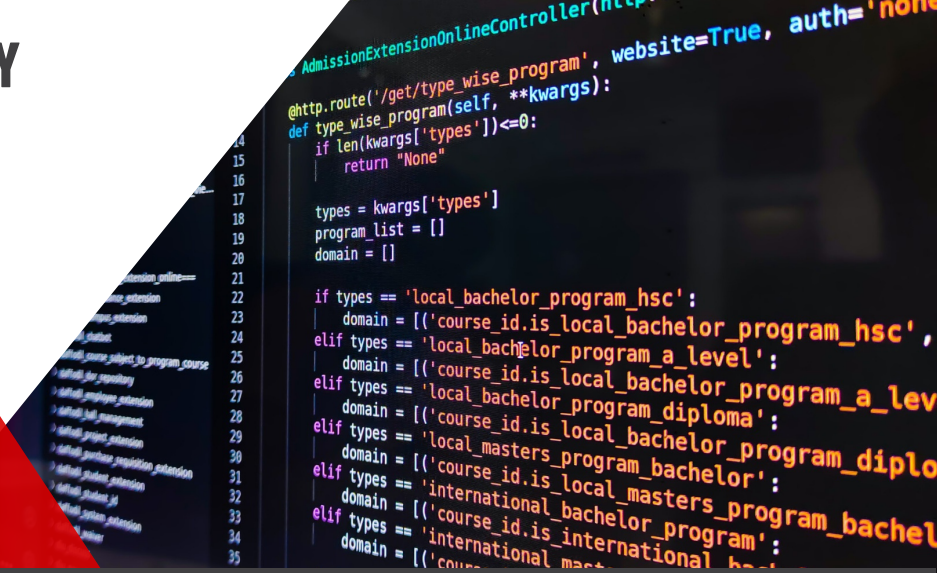
Homework

Homework Homework for this course is informal. If evidence tasks are not completed during class time, you will be asked to complete these at home via Google Classroom. Alternatively, you will be asked to research an area at home to allow you to complete a task in class.

Skills

Investigation Skills, Research skills, Project development skills, Problem solving skills, Computational thinking skills, Collaboration and team working skills, Employability skills and Creativity skills.





CYBER SECURITY

TECHNOLOGIES

Awards Available: NPA Level 4/5

Teaching Methods: What does the learning look like?

Lessons in Cyber Security will adopt a number of different strategies and activities designed to challenge pupils and develop their computational thinking skills. Learners will predominately be completing practical work which will be reinforced by class theory and written tasks. Investigations and problem solving activities will be carried out in pairs, teams and individually. All of our teaching material will be available through Google Classroom and some practical skills will be developed through practical tasks on our virtual learning environment.

Course Content: What will I learn?

You will learn how personal data can be stored, used and shared by social media, the risks associated with storing and sharing this data and basic practical methods of protecting data. You will examine the tools and techniques used by hackers. You will consider the potential threats and mechanisms that can be leveraged by malicious hackers to target individuals and organisations. You will explore how ethical hacking can help identify and mitigate these threats, and try out some of the techniques and technologies used to defend systems from attack. You will conduct a digital forensics examination. You will investigate digital devices and media to secure evidence, before reconstructing, analysing and interpreting the data and creating an investigative report.



Assessment

There is no final exam or coursework component. Each unit has two assessments: a practical task and a multiple-choice theory test (60% pass mark). Learners are required to demonstrate that they have achieved all of the performance criteria for each unit by completing these elements.



Progression in the Senior Phase

SCQF Level 6 Cyber Security.



Homework

Homework for this course is informal. If evidence tasks are not completed during class time, you will be asked to complete these at home via Google Classroom. Alternatively, you will be asked to research an area at home to allow you to complete a task in class.



Skills

You will develop knowledge and skills relevant to the use of Data Security, Digital Forensics and Ethical Hacking. Skills include: investigation research, project development, problem solving, collaboration, employability and computational thinking skills. You will apply skills and knowledge in analysis, design, development, implementation, testing, and evaluation to a range of digital solutions.



CAREER PATHWAYS

Careers in this field include but are not limited to: Cyber Security Specialist, Cyber Security Analyst, Cyber Security Manager, Cyber Security Consultant, Cyber Security Engineer, Cyber Security Architect, Cyber Crime Analyst, Incident and Intrusion Analyst, Incident Response, Network Monitoring and Intrusion Detection, IT Auditor, Penetration and Vulnerability Tester, Vulnerability Manager, Cyber Threat Intelligence and Digital Forensics.



ADMIN & IT

TECHNOLOGIES

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

The National 5 Administration and IT course provides pupils with experience of real-life administration tasks and engaging practical activities relevant to the world of work. There is an emphasis on the development of transferable life skills. Pupils following the course become aware of the use of technology within the workplace, as they complete organisational skills in the context of supporting and arranging events.

Course Content: What will I learn?

Pupils will develop their administrative and IT skills including spreadsheets, word processing, databases, electronic communication and PowerPoint. Pupils will develop an understanding of administration theory in the workplace including customer service, security of people, property and information and sources of information.



Assessment

Assessment Question paper (50 marks) gives pupils the opportunity to demonstrate skills using IT functions. Assignment (70 marks) planning, support and follow-up tasks related to an event or business.



Progression in the Senior Phase

The National 5 course provides progression to Higher Administration and IT.



Homework

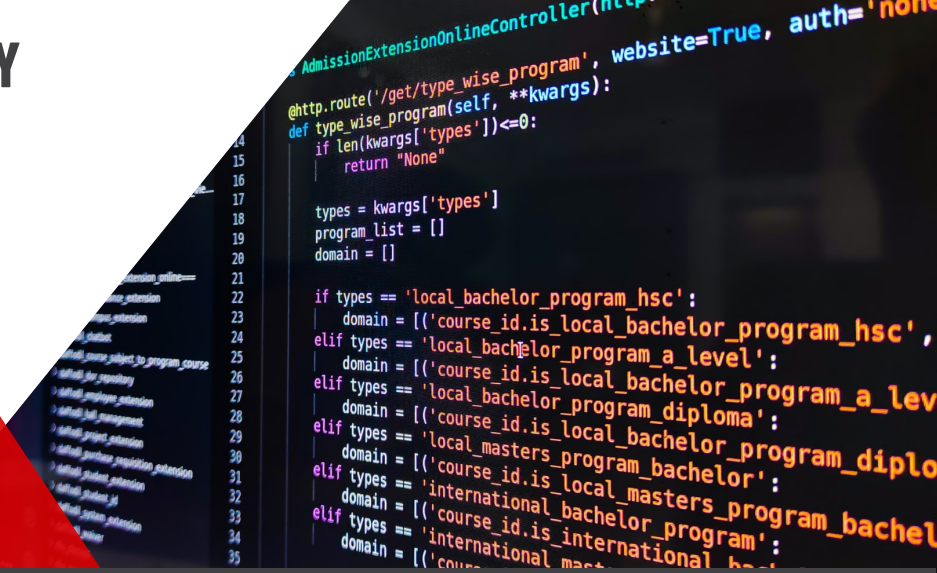
Homework Weekly homework will be issued. Classwork tasks not completed in class will be expected to be finished at home.



Skills

IT skills will be developed in spreadsheets, databases, word-processing, electronic communication and presentations. Organising, problem-solving and employability skills in administrative contexts will be covered. National 5 Administration and IT is a highly sought after qualification for careers within many industries.





BUSINESS MANAGEMENT TECHNOLOGIES

Awards Available: National 5

Teaching Methods: What does the learning look like?

We all rely on businesses to create wealth, prosperity, jobs and choices. Therefore, it is essential for society to have effective businesses and business managers. Pupils will develop knowledge and understanding of the ways in which society relies on business to satisfy our needs; explore realistic business situations and increase their knowledge of financial management in a business context; as well as gain an awareness of how external influences impact on organisations. The course is suitable for all pupils interested in entering the world of business – whether as a manager, employee or self-employed person – and suitably prepares them for the world of work.

Course Content: What will I learn?

Understanding Business - Pupils will give an account of the key objectives and activities of small and medium-sized businesses as well as outline internal and external factors impacting on business activity.

Management of Marketing and Operations - Pupils will gain an understanding of how the marketing and operations functions contribute to the success of small and medium-sized organisations.

Management of People and Finance - The topic of HR includes recruitment, selection, training & legislation. Pupils will also gain an understanding of budgeting, break-even analysis and preparing profit and loss accounts.



Assessment

Question Paper (70 marks) - Pupils are required to interpret business information and draw conclusions. **Course Assignment (30 marks)** - Pupils are required to apply their skills gained to produce a proposal to improve the effectiveness of a business activity.



Progression in the Senior Phase

The National 5 course provides progression to Higher Business Management



Homework

Learners can expect a least two formal homework assignments in each topic however frequent smaller homework is issued throughout the year. Each homework is designed to support pupil knowledge and understanding and develop their use of the SQA command word set.



Skills

This course develops: Enterprising and employability skills, providing opportunities to explore realistic business situations; Knowledge and understanding of the impact of business activities in society; Decision-making skills by solving business-related problems; Analytical skills through analysis of marketing activities as well as interpretation and evaluation of business financial data.

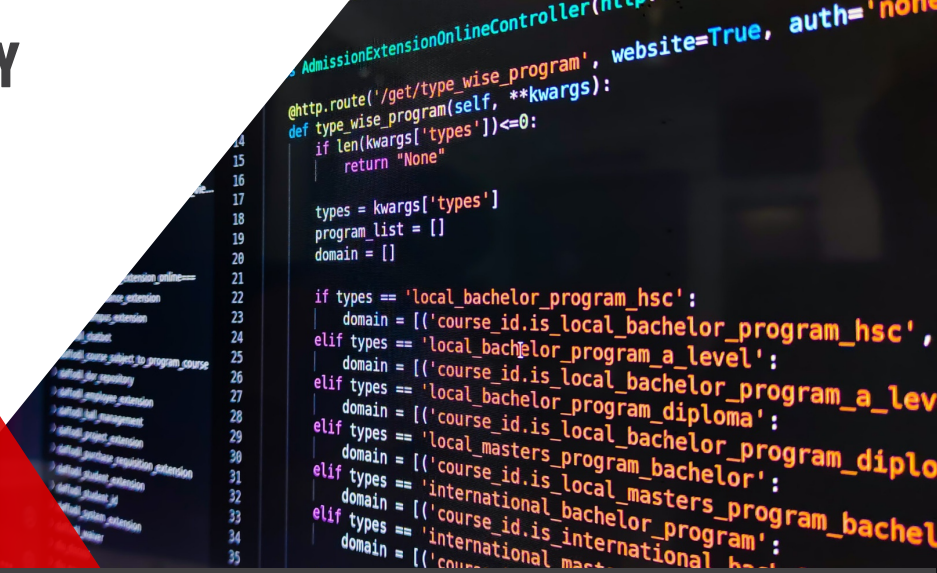


CAREER PATHWAYS

The course may also lead to employment and/or training in various industries. Potential career pathways include: Fashion & Retail Management, Leisure Management, Law, Accountancy, Marketing/HR disciplines and many more.



DESIGN & MANUFACTURE TECHNOLOGIES



Awards Available: National 4/5

Teaching Methods: What does the learning look like?

- Project based learning
- 50% of course is theory delivered through ICT, textbook and demonstrations
- 30% of the course is portfolio based with a combination of manual drawing and CAD
- 20% of the course is workshop based producing a practical model

Course Content: What will I learn?

Design theory in relation to the factors that influence design of products Design sketching skills Materials and their properties Industrial manufacturing processes CAD modelling and a knowledge of CAD/CAM The design process and the people involved in this Workshop skills to manufacture a prototype



Assessment

- Assessment 50% exam
- 30% folio
- 20% practical model



Progression in the Senior Phase

Higher Design and Manufacture



Homework

- Theory based questioning
- Research based tasks
- Design folio development
- Sketching and rendering practice



Skills

Sketching, rendering, problem solving, teamwork, planning, evaluation, practical work.





GRAPHIC COMMUNICATION TECHNOLOGIES



Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Project based learning A mixture of Computer and Manual tasks Digital modelling CAD and transferred into Plastic models 3D printing Advertising and Graphic Design with lots of personalisation. Course tailored to interests of pupils and future careers Focus on skill shortage in industry to link with world of work

Course Content: What will I learn?

Desktop Publishing (Graphic Design for digital and print advertising and publication) CAD (computer aided design – Industry standard software for design and engineering) 3D rendering- as done in film and game design Architecture- building and site drawings, standards and conventions of drawings Environmental considerations across industry Manual Sketching Manual Rendering (use of colour to enhance drawings)



Assessment

Portfolio of drawings and design work
40% Examination 60%



Progression in the Senior Phase

Higher Graphic Communication



Homework

A mixture of research, manual design work and re-cap of knowledge.



Skills

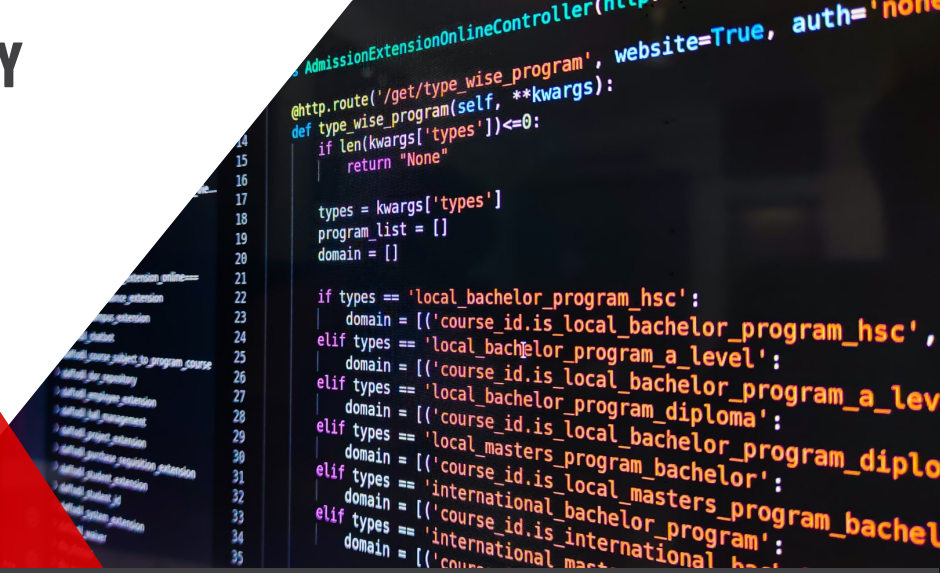
Manual drawing, spatial awareness, ICT skills, organisation, planning, independent working.





PRACTICAL WOODWORK

TECHNOLOGIES



Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Workshop based activity Project based learning
Practical demonstrations Skill based learning Safety
requirements and demonstrations Workshop, material
and safety based theory lessons on computers

Course Content: What will I learn?

Safety in the workshop/workplace Measuring and
Marking out and dimensioning, cutting lists Wood
materials Tool Handling Cutting techniques Assembling
techniques Finishing techniques



Assessment

Assessment Exam 30%,
Log Book 10%
Model 60%



Progression in the Senior Phase

FE Establishment
Apprenticeship



Homework

Revision of theory



Skills

Hand skills, Bench skills, Power tools and Machine
tools, Teamwork, Interpreting drawings, Health
and Safety.





RMPS

RME & SKILLS

Awards Available: National 4/5

Teaching Methods: What does the learning look like?

Learning activities vary: discussion work, group work, project work, answering short questions.

Course Content: What will I learn?

Three units:

- World Religion: Islam
- Morality
- Justice Origins of the universe and life



Assessment

National Four: Open book assessments using computers Research assignment on issue of their choosing

National Five: Practice with exam type questions
Exam: 2 hours 20 mins Research assignment : Write up 1hour.



Progression in the Senior Phase

National 5
Higher



Homework

One formal piece once a week. (up to an hour) Other revision or completion of missed work



Skills

- Knowledge and Understanding
- Analysis: establish links
- Expressing impact and importance
- Evaluation
- Decision making
- Expressing an opinion

